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SunGard VPM Inc.  
Form 424B3  
March 20, 2013  
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FILED PURSUANT TO RULE 424(B)(3)

File Number 333-181873

SUNGARD DATA SYSTEMS INC.

SUPPLEMENT NO. 10 TO

MARKET-MAKING PROSPECTUS DATED JUNE 18, 2012

THE DATE OF THIS SUPPLEMENT IS MARCH 20, 2013

ON MARCH 20 2013, SUNGARD DATA SYSTEMS INC. FILED THE ATTACHED

FORM 10-K FOR THE YEAR ENDED DECEMBER 31, 2012

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**Form 10-K**

(Mark One)

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT  
OF 1934**

**for the fiscal year ended December 31, 2012**

or

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE  
ACT OF 1934**

**for the transition period from                      to**

**Commission File Numbers:**

**SunGard Capital Corp. 000-53653**

**SunGard Capital Corp. II 000-53654**

**SunGard Data Systems Inc. 001-12989**

**SunGard<sup>®</sup> Capital Corp.**

**SunGard<sup>®</sup> Capital Corp. II**  
**SunGard<sup>®</sup> Data Systems Inc.**

(Exact name of registrant as specified in its charter)

Delaware 20-3059890  
Delaware 20-3060101  
Delaware 51-0267091  
(State of incorporation) (I.R.S. Employer Identification No.)  
680 East Swedesford Road, Wayne, Pennsylvania 19087

(Address of principal executive offices, including zip code)

484-582-2000

(Telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

None

Securities registered pursuant to Section 12(g) of the Act:

Restricted Stock Units Granting Conditional Rights to Units Consisting of:

Class A Common Stock of SunGard Capital Corp., par value \$0.001 per share,

Class L Common Stock of SunGard Capital Corp., par value \$0.001 per share, and

Preferred Stock of SunGard Capital Corp. II, par value \$0.001 per share

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

SunGard Capital Corp.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
SunGard Capital Corp. II	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
SunGard Data Systems Inc.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

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Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

SunGard Capital Corp.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
SunGard Capital Corp. II	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
SunGard Data Systems Inc.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

SunGard Capital Corp.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
SunGard Capital Corp. II	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
SunGard Data Systems Inc.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

SunGard Capital Corp.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
SunGard Capital Corp. II	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
SunGard Data Systems Inc.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference into Part III of this Form 10-K or any amendment to this Form 10-K.

SunGard Capital Corp.

SunGard  
Data  
Systems  
Inc.

SunGard Capital Corp. II

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act.

SunGard Capital Corp.	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>
SunGard Capital Corp. II	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>
SunGard Data Systems Inc.	Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input checked="" type="checkbox"/>	Smaller reporting company <input type="checkbox"/>

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

SunGard Capital Corp.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
SunGard Capital Corp. II	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
SunGard Data Systems Inc.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

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The aggregate market value of the registrants' voting stock held by nonaffiliates is zero. The registrants are privately held corporations.

The number of shares of the registrants' common stock outstanding as of March 1, 2013:

SunGard Capital Corp.:	256,474,160 shares of Class A common stock and 28,497,129 shares of Class L common stock
SunGard Capital Corp. II:	100 shares of common stock
SunGard Data Systems Inc.:	100 shares of common stock

### **DOCUMENTS INCORPORATED BY REFERENCE**

None.

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**Explanatory Note**

This Annual Report on Form 10-K ( Report ) is a combined report being filed separately by three registrants: SunGard Capital Corp. ( SCC ), SunGard Capital Corp. II ( SCCII ) and SunGard Data Systems Inc. ( SunGard ). SCC and SCCII are collectively referred to as the Parent Companies. Unless the context indicates otherwise, any reference in this Report to the Company, we, us and our refer to the Parent Companies together with their direct and indirect subsidiaries, including SunGard. Each registrant hereto is filing on its own behalf all of the information contained in this Report that relates to such registrant. Each registrant hereto is not filing any information that does not relate to such registrant, and therefore makes no representation as to any such information.

**Forward-Looking Statements**

Certain of the matters we discuss in this Report may constitute forward-looking statements. You can identify forward-looking statements because they contain words such as believes, expects, may, will, should, seeks, approximately, intends, plans, estimates, or expressions which concern our strategy, plans or intentions. These forward-looking statements are subject to risks and uncertainties that may change at any time, and, therefore, our actual results may differ materially from those we expected. We describe some of the factors that we believe could affect our results in ITEM 1A RISK FACTORS. We assume no obligation to update any written or oral forward-looking statements made by us or on our behalf as a result of new information, future events or other factors.

**PART I**

**ITEM 1. BUSINESS**

We are one of the world's leading software and technology services companies. We provide software and technology services to financial services, education and public sector organizations. We also provide disaster recovery services, managed services, information availability consulting services and business continuity management software. We serve approximately 25,000 customers in more than 70 countries. Our high quality software solutions, excellent customer support and specialized technology services result in strong customer retention rates across all of our business segments and create long-term customer relationships.

We operate our business in three segments: Financial Systems ( FS ), Availability Services ( AS ) and Other, which is comprised of K-12 Education ( K-12 ) and Public Sector ( PS ). On January 19 and 20, 2012, the Company completed the sale of its Higher Education ( HE ) business, which is included in discontinued operations for purposes of this Report.

FS provides mission-critical software and technology services to virtually every type of financial services institution, including buy-side and sell-side institutions, third-party administrators, wealth managers, retail banks, insurance companies, corporate treasuries and energy trading firms. Our broad range of complementary software solutions and associated technology services help financial services institutions automate the business processes associated with trading, managing portfolios and accounting for investment assets.

AS provides disaster recovery services, managed services, information availability consulting services and business continuity management software to more than 8,000 customers in North America and Europe. With five million square feet of data center and operations space, AS assists IT organizations across virtually all industry and government sectors to prepare for and recover from emergencies by helping them minimize their computer downtime and optimize their uptime. Through direct sales and channel partners, AS helps organizations ensure their people and customers have uninterrupted access to the information systems they need in order to do business.

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Other (K-12 and PS) provides software and technology services designed to meet the specialized needs of local, state and federal governments, public safety and justice agencies, public and private schools, utilities, nonprofits and other public sector institutions.

With a large portfolio of proprietary products and services in each of our three business segments, we have a diversified and stable business. Our base of approximately 25,000 customers includes most of the world's largest financial services firms, a variety of other financial services firms, corporate and government treasury departments, energy companies, school districts, local governments and nonprofit organizations. Our AS business serves customers across virtually all industries. Our revenue is highly diversified by customer and product. During each of the past three fiscal years, no single customer has accounted for more than 3% of total revenue. On average for the past three fiscal years, services revenue has been approximately 91% of total revenue. About 80% of services revenue is highly recurring as a result of multiyear contracts and is generated from (1) software-related services including software maintenance and support, processing and rentals and (2) recovery and managed services. The remaining services revenue includes (1) professional services, which are mainly generated from implementation and consulting services in connection with the sale of our products and (2) broker/dealer fees, which are largely correlated with trading volumes.

We were acquired in August 2005 in a leveraged buy-out ( LBO ) by a consortium of private equity investment funds associated with Bain Capital Partners, The Blackstone Group, Goldman, Sachs & Co., Kohlberg Kravis Roberts & Co., Providence Equity Partners, Silver Lake and TPG. As a result of the LBO, we are highly leveraged and our equity is not publicly traded.

Our Sponsors continually evaluate various strategic alternatives with respect to the Company. There can be no assurance that we will ultimately pursue any strategic alternatives with respect to any business segment, or, if we do, what the structure or timing for any such transaction would be.

To the extent required by ITEM 1 of Form 10-K, financial information regarding our segments is included in Note 13 of the Notes to Consolidated Financial Statements.

## **Segment Overview**

### ***Financial Systems***

FS provides mission critical software and technology services to financial services institutions, corporate and government treasury departments and energy companies. Our solutions automate the many complex business processes associated primarily with trading, managing investment portfolios and accounting for investment assets, and also address the processing requirements of a broad range of users within the financial services sector. In addition, we provide technology services that focus on application implementation and integration of these solutions, custom software development and application management. Since our inception, we have consistently enhanced our solutions to add new features, process new types of financial instruments, meet new regulatory requirements, incorporate new technologies and meet evolving customer needs on a global basis.

We deliver many of our solutions as an application-service provider, primarily from our data centers located in North America and Europe that customers access through the Internet or virtual private networks. We also deliver some of our solutions by licensing the software to customers for use on their own computers and premises.

Our FS business offers software and technology services to a broad range of users, including asset managers, chief financial officers, compliance officers, custodians, fund administrators, insurers and reinsurers, market makers, plan administrators, registered investment advisors, treasurers, traders and wealth managers. FS is grouped into complementary solutions that focus on the specific requirements of our customers, as follows:

*Asset Management:* We offer solutions that help institutional investors, hedge funds, private equity firms, fund administrators and securities transfer agents improve both investment decision-making and operational



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efficiency, while managing risk and increasing transparency. Our solutions support every stage of the investment process, from research and portfolio management, to valuation, risk management, compliance, investment accounting, transfer agency and client reporting.

*Banking:* Our banking solutions help retail, corporate and international private banks to better manage their customers, capital and staff. We provide integrated solution suites for asset/liability management, budgeting and planning, regulatory compliance and profitability. We offer retail banks a range of solutions helping them address core banking, online and mobile banking, as well as customer and card management requirements. We also provide front-to-back-office solutions for equipment finance organizations and help international private banks with core banking, channel and client management, and various ASP services. Finally, we provide enterprise matching and reconciliation solutions to financial institutions.

*Brokerage:* Our brokerage solutions provide trade execution and network solutions to financial institutions, corporations and municipalities in North America, Europe and other global markets. Our trade execution and network solutions help both buy- and sell-side firms improve execution quality, minimize information leakage, decrease overall execution costs and address today's trade connectivity challenges.

*Capital Markets:* Our capital markets solutions help banks, broker/dealers, futures commission merchants and other financial institutions to increase the efficiency, transparency and control of their trading operations across multiple platforms, asset classes and markets. Supporting the entire trade lifecycle from front-to-back, these solutions provide everything from connectivity, execution services and risk management to securities finance, collateral management and compliance. Additionally, these solutions help customers to create and manage consolidated views across all their positions and risk.

*Corporate Liquidity:* Our solutions for corporate liquidity help businesses facilitate connectivity between their buyers, suppliers, banks, data providers and other stakeholders to increase visibility of cash, improve communication and response time, reduce risk, and help drive maximum value from working capital. Our end-to-end collaborative financial management framework helps chief financial officers and treasurers bring together receivables, treasury and payments for a single view of cash and risk, and to optimize business processes for enhanced liquidity management.

*Energy:* Our energy and commodities solutions help energy companies, corporate hedgers, hedge funds and financial services firms to compete efficiently in global energy and commodities markets by streamlining and integrating the trading, risk management and operations of physical commodities and their associated financial instruments.

*Insurance:* We provide solutions for the insurance industry in each of the following major business lines: life and health, annuities and pensions, property and casualty, reinsurance and asset management. Our software and services support functions from the front-office through the back-office, from customer service, policy administration and actuarial calculations to financial and investment accounting and reporting.

*Wealth & Retirement Administration:* We provide wealth management solutions that help banks, trust companies, brokerage firms, insurance firms, benefit administrators and independent advisors acquire, service and grow their client relationships. We provide solutions for client acquisition, transaction management, trust accounting and recordkeeping that can be deployed as stand-alone products, or as part of an integrated wealth management platform.

FS also has a global services organization that delivers business consulting, technology and managed and professional services for financial services institutions, energy companies and corporations. Leveraging our global delivery model, our consultants and developers worldwide help customers manage their complex data needs, optimize end-to-end business processes and assist with systems integration, while providing full application development, maintenance, testing and support services.

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### ***Availability Services***

AS helps customers improve the resilience of their mission critical systems by designing, implementing and managing cost-effective solutions using people, processes and technology to address enterprise IT availability needs. As the pioneer of commercial disaster recovery in the 1970s, we believe our specialization in information availability solutions, together with our vast experience, technology expertise, resource management capabilities, vendor neutrality and diverse service offerings, have uniquely positioned us to help meet customers' varied needs in an environment in which businesses are critically dependent on the availability of IT. Our comprehensive portfolio of services extends from always-ready standby services to high availability advanced recovery services and always-on production and managed services. This includes planning and provisioning of enterprise cloud computing and SaaS platforms. Additionally, we provide business continuity management software and consulting services to help customers design, implement and maintain plans to protect their central business systems. To serve our more than 8,000 customers, we have approximately 5,000,000 square feet of data center and operations space at over 90 facilities in ten countries. Since inception, we have helped customers recover from unplanned interruptions resulting from major disasters including hurricane Sandy in 2012, the Gulf Coast hurricanes in 2008, widespread flooding in the UK in 2007, hurricane Katrina and Gulf Coast hurricanes in 2005, Florida hurricanes in 2004, the Northeast U.S. blackout in 2003, and the terrorist attacks of September 11, 2001.

We provide the following four categories of services: recovery services, managed services, consulting services and business continuity management software. The combination of all of these services provides our customers with a complete set of IT operations and information availability management solutions.

Although high availability and recovery services remain as important revenue generating services, including our recently introduced managed recovery program (MRP), managed services, consulting services and business continuity management software increasingly account for a greater percentage of new sales. Because advanced recovery and managed services are often unique to individual customers and utilize a greater proportion of dedicated (versus shared) resources, they typically require modestly more capital expenditures. Cloud solutions, however, are changing industry economics to allow for lower-cost, partially dedicated solutions.

*Recovery Services:* We help customers maintain access to the information and computer systems needed to run their businesses by providing cost-effective solutions to keep IT systems operational and secure in the event of an unplanned business disruption. These business disruptions can range from man-made events (e.g., power outages, telecommunications disruptions and acts of terrorism) to natural disasters (e.g., floods, hurricanes and earthquakes). We offer a complete range of recovery services tailored to application uptime requirements. These requirements are typically based on the criticality of the supported business processes. Some of these solutions can be delivered using processors, servers, storage devices, networks and other resources and infrastructure that are subscribed to by multiple customers. Recovery services range from basic standby infrastructure recovery services, workforce continuity services, and mobile recovery options to advanced recovery or high availability solutions. Managed recovery services represent a growing area, with industry regulations and the growing complexity of heterogeneous environments (i.e., cloud, virtual, physical) fueling demand. Our MRP offering in which AS personnel lead planning, set-up, maintenance, testing and execution of a recovery solution addresses key customer needs, including on their own premises. Our ability to provide MRP on the customers' premises provides value to enterprises that have made investments to execute their recovery requirements on-site. Demand has also increased for cloud-based recovery services.

*Managed Services:* We provide IT infrastructure and production services that customers use to run their businesses on a day-to-day basis. These services range from co-located IT infrastructure (e.g., we provide data center space, power, cooling and network connectivity) to fully managed infrastructure services (e.g., we fully manage the daily operation of a customer's IT infrastructure). Managed services help customers augment their IT resources and skills without having to hire full-time internal IT staff and make capital investments in infrastructure. In addition to managed hosting services for physical infrastructures, cloud hosting as well as managed services solutions spanning mixed physical and virtual environments are becoming more commonplace. In 2010, we launched enterprise-grade cloud services and have augmented

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these with high availability, multi-site solutions and private cloud options in 2011. Geographically, we deliver cloud services out of the U.S., Canada and Great Britain and a self-service cloud option out of Ireland.

*Consulting Services:* We offer consulting services to help customers solve critical business availability and IT infrastructure problems. Our six primary practice areas are information lifecycle governance, data protection, cloud, business continuity management, disaster recovery cost optimization and data center outsourcing. Current capabilities include enterprise resiliency, technology architecture, infrastructure operations and operational risk, taken to market through vertical practices focused in financial services, healthcare, manufacturing, energy and outsourcing.

*Business Continuity Management Software:* We provide customized software that facilitates business continuity, with automated business continuity management (BCM) systems and incident management modules for more than 1,500 customers. There are strong growth prospects driven by customers' lack of internal IT expertise, the required familiarity with the regulatory environment and the growing demand for centralization of BCM planning and governance.

Availability Services operates across the UK and in Europe, delivering a very similar set of services as in the Americas. With locations in the UK, Ireland, France, Sweden, Belgium and Luxembourg, we have considerable ability to support customers from the European Union. In addition, we have Indian operations which provide workforce continuity services out of three locations.

***Other***

*K-12 Education:* We provide administrative information software solutions and related implementation and support services for K-12 school districts and private schools throughout the United States. Our software and technology services help school districts improve the efficiency of their operations and use Web-based technologies to serve their constituents. We offer a fully integrated suite of products for student information, learning management, special education, financial and human resource activities.

*Public Sector:* PS provides software and technology services designed to meet the specialized needs of local, state and federal governments, public safety and justice agencies, utilities and public sector institutions as well as nonprofits. More than 115 million citizens in North America live in municipalities that rely on our products and services. Our public administration solutions support a range of specialized enterprise resource planning and administrative processes for functions such as accounting, human resources, payroll, utility billing, land management and managed IT services. Public safety and justice agencies use our solutions to manage emergency dispatch operations, citizen and incident records, mobile computing in the field, and the operation of courts and jails. Our e-Government solutions help local governments to use the Internet and wireless technologies to serve their constituents. In December 2010, we sold our Public Sector U.K. operation.

**Acquisitions**

To complement our organic growth, we have a highly disciplined program to identify, evaluate, execute and integrate acquisitions. Generally, we seek to acquire businesses that broaden our existing product lines and service offerings by adding complementary products and service offerings and by expanding our geographic reach. During 2012, we spent approximately \$40 million in cash to acquire two businesses. The following table lists the businesses we acquired in 2012:

<b>Acquired Company/Business</b>	<b>Date Acquired</b>	<b>Description</b>
Syntesys	01/05/12	A European SWIFT service bureau and network of business and technical experts dedicated to serving the SWIFT community.
XcitekSolutionsPlus, LLC ( XSP )	12/21/12	A leading provider of end-to-end, automated corporate actions solutions.

**Product Development**

We continually support, upgrade and enhance our systems and develop new products to meet the needs of our customers for operational efficiency and resilience and to leverage advances in technology.

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Our expenditures for software development during the years ended December 31, 2011 and 2012, including amounts that were capitalized, totaled approximately \$190 million and \$185 million, respectively. In 2011 and 2012, software development expenses were 4% and 4%, respectively, of revenue from software and processing solutions. These amounts do not include routine software support costs, nor do they include costs incurred in performing certain customer-funded development projects in the ordinary course of business.

### **Marketing**

Most of our FS solutions are marketed throughout North America and Western Europe and many are marketed worldwide, including Asia Pacific, Central and Eastern Europe, the Middle East, Africa and Latin America. Our AS solutions are marketed primarily in North America and Europe. Our K-12 and PS solutions are marketed in North America. Our revenue from sales outside the United States during the years ended December 31, 2010, 2011 and 2012 totaled approximately \$1.47 billion, \$1.61 billion and \$1.54 billion, respectively.

### **Brand and Intellectual Property**

We own registered marks for the SUNGARD name and own or have applied for trademark registrations for many of our services and software products.

To protect our proprietary services and software, we rely upon a combination of copyright, patent, trademark and trade secret law, confidentiality restrictions in contracts with employees, customers and others, software security measures, and registered copyrights and patents. We also have established policies requiring our personnel and representatives to maintain the confidentiality of our proprietary property. We have a number of patents and patent applications pending as well as a few registrations of our copyrights. We will continue to apply for software and business method patents on a case-by-case basis and will continue to monitor ongoing developments in the evolving software and business method patent field (see ITEM 1A RISK FACTORS).

### **Competition**

Because most of our computer services and software solutions are specialized and technical in nature, most of the niche areas in which we compete have a relatively small number of significant competitors. Some of our existing competitors and some potential competitors have substantially greater financial, technological and marketing resources than we have.

**Financial Systems.** In our FS business, we compete with numerous other data processing and software vendors that may be broadly categorized into two groups. The first group is comprised of specialized financial systems companies that are much smaller than we are. The second group is comprised of large computer services companies whose principal businesses are not in the financial systems area, some of which are also active acquirors. We also face competition from the internal processing and IT departments of our customers and prospects. The key competitive factors in marketing financial systems are the accuracy and timeliness of processed information provided to customers, features and adaptability of the software, level and quality of customer support, degree of responsiveness, level of software development expertise, total cost of ownership and return on investment. We believe that we compete effectively with respect to each of these factors and that our leadership, reputation and experience in this business are important competitive advantages.

**Availability Services.** In our AS business, the greatest source of competition for recovery and advanced recovery services is in-house dedicated solutions that the enterprise develops and maintains internally instead of purchasing from a services provider. The declining cost of infrastructure has made these solutions more accessible, yet the growing complexity of IT environments driven by cloud and virtualization has increased the challenge of sustaining in-house business continuity programs. Historically, the single largest commercial competitor for recovery and advanced recovery services has been IBM Corporation, which, like us, currently

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provides the full continuum of information availability services. We also face moderate competition from specialized vendors, including hardware manufacturers, data-replication and virtualization software companies, outsourcers, managed hosting companies; IT services companies and telecommunications companies. Competition among managed services, including cloud and data center service providers, is fragmented across various competitor types, such as major telecommunication providers, IT outsourcers, niche cloud vendors, real estate investment trusts and regional colocation providers. We compete effectively with respect to the key competitive dimensions in the information availability industry, namely economies of scale, quality of infrastructure, scope and quality of services, including breadth of supported hardware platforms and network capacity, level and quality of customer support, level of technical expertise, vendor neutrality, and price. We are positioned with important competitive advantages including our experience, reliability and reputation as an innovator in information availability solutions, our proven track record, our financial stability and our ability to provide the entire portfolio of information availability services as a single vendor solution.

### **Employees**

As of December 31, 2012, we had approximately 17,000 employees. Our success depends partly on our continuing ability to retain and attract skilled technical, sales and management personnel. While skilled personnel are in high demand and competition exists for their talents, we have been able to retain and attract highly qualified personnel (see ITEM 1A RISK FACTORS).

### **ITEM 1A. RISK FACTORS**

Certain of the matters we discuss in this Report may constitute forward-looking statements. You can identify forward-looking statements because they contain words such as believes, expects, may, will, should, seeks, approximately, intends, plans, estimates, or expressions which concern our strategy, plans or intentions. All statements we make relating to estimated and projected earnings, margins, costs, expenditures, cash flows, growth rates and financial results are forward-looking statements. In addition, we, through our senior management, from time to time make forward-looking public statements concerning our expected future operations and performance and other developments. All of these forward-looking statements are subject to risks and uncertainties that may change at any time, and, therefore, our actual results may differ materially from those we expected. We derive most of our forward-looking statements from our operating budgets and forecasts, which are based upon many detailed assumptions. While we believe that our assumptions are reasonable, we caution that it is very difficult to predict the impact of known factors, and, of course, it is impossible for us to anticipate all factors that could affect our actual results. Some of the factors that we believe could affect our results include:

global economic and market conditions;

the condition of the financial services industry, including the effect of any further consolidation among financial services firms;

our high degree of debt-related leverage;

the effect of war, terrorism, natural disasters or other catastrophic events;

the effect of disruptions to our systems and infrastructure;

the timing and magnitude of software sales;

the timing and scope of technological advances;

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customers taking their information availability solutions in-house;

the trend in information availability toward solutions utilizing more dedicated resources;

the market and credit risks associated with broker/dealer operations;

the ability to retain and attract customers and key personnel;

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risks relating to the foreign countries where we transact business;

the integration and performance of acquired businesses;

the ability to obtain patent protection and avoid patent-related liabilities in the context of a rapidly developing legal framework for software and business-method patents;

a material weakness in our internal controls; and

unanticipated changes in our income tax provision or the enactment of new tax legislation, issuance of regulations or relevant judicial decisions.

The factors described in this paragraph and other factors that may affect our business or future financial results, as and when applicable, are discussed in our filings with the United States Securities and Exchange Commission ( SEC ), including this Report. We assume no obligation to update any written or oral forward-looking statements made by us or on our behalf as a result of new information, future events or other factors.

### **Risks Related to Our Indebtedness**

**Our substantial leverage could adversely affect our ability to raise additional capital to fund our operations, limit our ability to react to changes in the economy or our industry, expose us to interest rate risk to the extent of our variable rate debt and prevent us from meeting our debt obligations.**

As a result of being acquired on August 11, 2005 by a consortium of private equity investment funds, we are highly leveraged and our debt service requirements are significant.

Our high degree of debt-related leverage could have important consequences, including:

making it more difficult for us to make payments on our debt obligations;

increasing our vulnerability to general economic and industry conditions;

requiring a substantial portion of cash flow from operations to be dedicated to the payment of principal and interest on our indebtedness, therefore reducing our ability to use our cash flow to fund our operations, capital expenditures and future business opportunities;

exposing us to the risk of increased interest rates as certain of our borrowings, including borrowings under our senior secured credit facilities, are at variable rates of interest;

restricting us from making acquisitions or causing us to make non-strategic divestitures;

limiting our ability to obtain additional financing for working capital, capital expenditures, product development, debt service requirements, acquisitions and general corporate or other purposes; and

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limiting our ability to adjust to changing market conditions and placing us at a competitive disadvantage compared to our competitors who are less highly leveraged.

We and our subsidiaries may be able to incur substantial additional indebtedness in the future, subject to the restrictions contained in our senior secured credit agreement and the indentures relating to our senior notes due 2018 and 2020 and senior subordinated notes due 2019. If new indebtedness is added to our current debt levels, the related risks that we now face could intensify.

### **Our debt agreements contain restrictions that limit our flexibility in operating our business.**

Our senior secured credit agreement and the indentures governing our senior notes due 2018 and 2020 and senior subordinated notes due 2019 contain various covenants that limit our ability to engage in specified types of transactions. These covenants limit our ability to, among other things:

incur additional indebtedness or issue certain preferred shares;



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pay dividends on, repurchase or make distributions in respect of our capital stock or make other restricted payments;

make certain investments;

sell certain assets;

create liens;

consolidate, merge, sell or otherwise dispose of all or substantially all of our assets; and

enter into certain transactions with our affiliates.

In addition, under the senior secured credit agreement, under certain circumstances, we are required to satisfy and maintain specified financial ratios and other financial condition tests. Our ability to meet those financial ratios and tests can be affected by events beyond our control, and we may not be able to meet those ratios and tests. A breach of any of these covenants could result in a default under the senior secured credit agreement. Upon an event of default under the senior secured credit agreement, the lenders could elect to declare all amounts outstanding to be immediately due and payable and terminate all commitments to extend further credit.

If we were unable to repay those amounts, the lenders under the senior secured credit agreement could proceed against the collateral granted to them to secure that indebtedness. We have pledged a significant portion of our assets as collateral under the senior secured credit agreement and the senior secured notes due 2014, to the extent required by the indenture governing these notes. If the lenders under the senior secured credit agreement accelerate the repayment of borrowings, we may not have sufficient assets to repay the senior secured credit facilities and the senior notes, as well as our unsecured indebtedness.

### **Risks Related to Our Business**

**Our business depends largely on the economy and financial markets, and a slowdown or downturn in the economy or financial markets could adversely affect our business and results of operations.**

When there is a slowdown or downturn in the economy, a drop in stock market levels or trading volumes, or an event that disrupts the financial markets, our business and financial results may suffer for a number of reasons. Customers may react to worsening conditions by reducing their capital expenditures in general or by specifically reducing their IT spending. In addition, customers may curtail or discontinue trading operations, delay or cancel IT projects, or seek to lower their costs by renegotiating vendor contracts. Also, customers with excess IT resources may choose to take their information availability solutions in-house rather than obtain those solutions from us. Moreover, competitors may respond to market conditions by lowering prices and attempting to lure away our customers to lower cost solutions. If any of these circumstances remain in effect for an extended period of time, there could be a material adverse effect on our financial results. Because our financial performance tends to lag behind fluctuations in the economy, our recovery from any particular downturn in the economy may not occur until after economic conditions have generally improved.

**Our business depends to a significant degree on the financial services industry, and a weakening of, or further consolidation in, or new regulations affecting, the financial services industry could adversely affect our business and results of operations.**

Because our customer base is concentrated in the financial services industry, our business is largely dependent on the health of that industry. When there is a general downturn in the financial services industry, or if our customers in that industry experience financial or business problems, including bankruptcies, our business and financial results may suffer. If financial services firms continue to consolidate, there could be a material

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adverse effect on our business and financial results. When a customer merges with a firm using its own solution or another vendor's solution, it could decide to consolidate on a non-SunGard system, which could have an adverse effect on our financial results.

To the extent newly adopted regulations negatively impact the business, operations or financial condition of our customers, our business and financial results could be adversely affected. We could be required to invest a significant amount of time and resources to comply with additional regulations or to modify the manner in which we provide products and services to our customers; and such regulations could limit how much we can charge for our services. We may not be able to update our existing products and services, or develop new ones at all or in a timely manner, to satisfy our customers' needs. Any of these events, if realized, could have a material adverse effect on our business and financial results.

### **Catastrophic events may disrupt or otherwise adversely affect the markets in which we operate, our business and our profitability.**

Our business may be adversely affected by a war, terrorist attack, natural disaster or other catastrophe. A catastrophic event could have a direct negative impact on us or an indirect impact on us by, for example, affecting our customers, the financial markets or the overall economy. The potential for a direct impact is due primarily to our significant investment in our infrastructure. Although we maintain redundant facilities and have contingency plans in place to protect against both man-made and natural threats, it is impossible to fully anticipate and protect against all potential catastrophes. Despite our preparations, a security breach, criminal act, military action, power or communication failure, flood, severe storm or the like could lead to service interruptions and data losses for customers, disruptions to our operations, or damage to our important facilities. The same disasters or circumstances that may lead to our customers requiring access to our availability services may negatively impact our own ability to provide such services. Our three largest availability services facilities are particularly important, and a major disruption at one or more of those facilities could disrupt or otherwise impair our ability to provide services to our availability services customers. If any of these events happen, we may be exposed to unexpected liability, our customers may leave, our reputation may be tarnished, and there could be a material adverse effect on our business and financial results.

### **Our application service provider systems may be subject to disruptions that could adversely affect our reputation and our business.**

Our application service provider systems maintain and process confidential data on behalf of our customers, some of which is critical to their business operations. For example, our capital markets systems maintain account and trading information for our customers and their clients, and our wealth management and insurance systems maintain investor account information for retirement plans, insurance policies and mutual funds. There is no guarantee that the systems and procedures that we maintain to protect against unauthorized access to such information are adequate to protect against all security breaches. If our application service provider systems are disrupted or fail for any reason, or if our systems or facilities are infiltrated or damaged by unauthorized persons, our customers could experience data loss, financial loss, harm to reputation and significant business interruption. If that happens, we may be exposed to unexpected liability, our customers may leave, our reputation may be tarnished, and there could be a material adverse effect on our business and financial results.

### **Because the sales cycle for our software is typically lengthy and unpredictable, our results may fluctuate from period to period.**

Our operating results may fluctuate from period to period and be difficult to predict in a particular period due to the timing and magnitude of software sales. We offer a number of our software solutions on a license basis, which means that the customer has the right to run the software on its own computers. The customer usually makes a significant up-front payment to license software, which we generally recognize as revenue when the license contract is signed and the software is delivered. The size of the up-front payment often depends on a number of factors that are different for each customer, such as the number of customer locations, users or

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accounts. As a result, the sales cycle for a software license may be lengthy and take unexpected turns. Thus, it is difficult to predict when software sales will occur or how much revenue they will generate. Since there are few incremental costs associated with software sales, our operating results may fluctuate from quarter to quarter and year to year due to the timing and magnitude of software sales.

### **Rapid changes in technology and our customers' businesses could adversely affect our business and financial results.**

Our business may suffer if we do not successfully adapt our products and services to changes in technology and changes in our customers' businesses. These changes can occur rapidly and at unpredictable intervals and we may not be able to respond adequately. If we do not successfully update and integrate our products and services to adapt to these changes, or if we do not successfully develop new products and services needed by our customers to keep pace with these changes, then our business and financial results may suffer. Our ability to keep up with technology and business changes is subject to a number of risks and we may find it difficult or costly to, among other things:

update our products and services and to develop new products fast enough to meet our customers' needs;

make some features of our products and services work effectively and securely over the Internet;

integrate more of our FS solutions;

update our products and services to keep pace with business, regulatory and other developments in the financial services industry, where many of our customers operate; and

update our services to keep pace with advancements in hardware, software and telecommunications technology.

Some technological changes, such as advancements that have facilitated the ability of our AS customers to develop their own internal solutions, may render some of our products and services less valuable or eventually obsolete. In addition, because of ongoing, rapid technological changes, the useful lives of some technology assets have become shorter and customers are therefore replacing these assets more often. As a result, our customers are increasingly expressing a preference for contracts with shorter terms, which could make our revenue less predictable in the future.

### **Customers taking their information availability solutions in-house or leveraging inexpensive shared cloud-based solutions may create greater pressure on our organic revenue growth rate.**

Our AS solutions allow customers to leverage our technology expertise and process-IP, resource management capabilities and substantial infrastructure investments. Technological advances in recent years have significantly reduced the cost and the complexity of developing in-house solutions. Some customers, especially among the very largest having significant IT resources, prefer to develop and maintain their own in-house availability solutions, which can result in a loss of revenue from those customers. If this trend continues or worsens, there will be continued pressure on our organic revenue growth rate. Also, cloud-based solutions are often perceived as inherently redundant and highly available. This is a misconception, as high availability is only provided when expressly engineered into a cloud environment. However, this belief along with the opportunity to leverage inexpensive cloud infrastructure for shared recovery options can, over time, become a more significant competitive threat especially in the area of availability solutions for less critical applications.

### **The trend toward information availability solutions utilizing more single customer dedicated resources likely will lower our overall operating margin rate over time.**

In the information availability services industry, especially among our more sophisticated customers, there is preference for solutions that utilize some level of dedicated resources, such as blended advanced recovery

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services and managed services. The primary reason for this is that adding dedicated resources, although more costly, provides greater control, increases security, reduces data loss and facilitates quicker responses to business interruptions. Advanced recovery services often result in greater use of dedicated resources with a modest decrease in operating margin rate. Managed services require significant dedicated resources and, therefore, have an appropriately lower operating margin rate.

### **Our securities brokerage operations are highly regulated and are riskier than our other businesses.**

Domestic and foreign regulatory and self-regulatory organizations, such as the SEC, the Financial Industry Regulatory Authority, and the (U.K.) Financial Services Authority can, among other things, fine, censure, issue cease-and-desist orders against, and suspend or expel a broker-dealer or its officers or employees for failure to comply with the many laws and regulations that govern brokerage activities. Such sanctions may arise out of currently-conducted activities or those conducted in prior periods. Our ability to comply with these laws and regulations is largely dependent on our establishment, maintenance, and enforcement of an effective brokerage compliance program. Failure to establish, maintain, and enforce proper brokerage compliance procedures, even if unintentional, could subject us to significant losses, lead to disciplinary or other actions, and tarnish our reputation. Regulations affecting the brokerage industry may change, which could adversely affect our financial results.

We are exposed to certain risks relating to the execution services provided by our brokerage operations to our customers and counterparties, which include other broker-dealers, active traders, hedge funds, asset managers, and other institutional and non-institutional clients. These risks include, but are not limited to, customers or counterparties failing to pay for or deliver securities, trading errors, the inability or failure to settle trades, and trade execution system failures. In our other businesses, we generally can disclaim liability for trading losses that may be caused by our software, but in our brokerage operations, we may not be able to limit our liability for trading losses or failed trades even when we are not at fault. As a result, we may suffer losses that are disproportionately large compared to the relatively modest profit contributions of our brokerage operations.

### **If we fail to comply with government regulations in connection with our business or providing technology services to certain financial institutions, our business and results of operations may be adversely affected.**

Because we act as a third-party service provider to financial institutions and provide mission-critical applications for many financial institutions that are regulated by one or more member agencies of the Federal Financial Institutions Examination Council ( FFIEC ), we are subject to examination by the member agencies of the FFIEC. More specifically, we are a Multi-Regional Data Processing Servicer of the FFIEC because we provide mission critical applications for financial institutions from several data centers located in different geographic regions. As a result, the FFIEC conducts periodic reviews of certain of our operations in order to identify existing or potential risks associated with our operations that could adversely affect the financial institutions to whom we provide services, evaluate our risk management systems and controls, and determine our compliance with applicable laws that affect the services we provide to financial institutions. In addition to examining areas such as our management of technology, data integrity, information confidentiality and service availability, the reviews also assess our financial stability. Our incurrence of significant debt in connection with the LBO increases the risk of an FFIEC agency review determining that our financial stability has been weakened. A sufficiently unfavorable review from the FFIEC could result in our financial institution customers not being allowed to use our technology services, which could have a material adverse effect on our business and financial condition.

If we fail to comply with any regulations applicable to our business, we may be exposed to unexpected liability and/or governmental proceedings, our customers may leave, our reputation may be tarnished, and there could be a material adverse effect on our business and financial results. In addition, the future enactment of more restrictive laws or rules on the federal or state level, or, with respect to our international operations, in foreign jurisdictions on the national, provincial, state or other level, could have an adverse impact on business and financial results.

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### **If we are unable to retain or attract customers, our business and financial results will be adversely affected.**

If we are unable to keep existing customers satisfied, sell additional products and services to existing customers or attract new customers, then our business and financial results may suffer. A variety of factors could affect our ability to successfully retain and attract customers, including the level of demand for our products and services, the level of customer spending for information technology, the level of competition from customers that develop their own solutions internally and from other vendors, the quality of our customer service, our ability to update our products and develop new products and services needed by customers, and our ability to integrate and manage acquired businesses. Further, the markets in which we operate are highly competitive and we may not be able to compete effectively. Our services revenue, which has been largely recurring in nature, comes from the sale of our products and services under fixed-term contracts. We do not have a unilateral right to extend these contracts when they expire. Revenue from our broker/dealer businesses is not subject to minimum or ongoing contractual commitments on the part of brokerage customers. If customers cancel or refuse to renew their contracts, or if customers reduce the usage levels or asset values under their contracts, there could be a material adverse effect on our business and financial results.

### **If we fail to retain key employees, our business may be harmed.**

Our success depends on the skill, experience and dedication of our employees. If we are unable to retain and attract sufficiently experienced and capable personnel, especially in product development, sales and management, our business and financial results may suffer. For example, if we are unable to retain and attract a sufficient number of skilled technical personnel, our ability to develop high quality products and provide high quality customer service may be impaired. Experienced and capable personnel in the technology industry remain in high demand, and there is continual competition for their talents. When talented employees leave, we may have difficulty replacing them, and our business may suffer. There can be no assurance that we will be able to successfully retain and attract the personnel that we need.

### **We are subject to the risks of doing business internationally.**

A portion of our revenue is generated outside the United States, primarily from customers located in Europe. Over the past few years we have expanded our operations in certain emerging markets in Asia, Africa, Europe, the Middle East and South America. Because we sell our services outside the United States, our business is subject to risks associated with doing business internationally. Accordingly, our business and financial results could be adversely affected due to a variety of factors, including:

changes in a specific country's or region's political and cultural climate or economic condition;

unexpected or unfavorable changes in foreign laws and regulatory requirements;

difficulty of effective enforcement of contractual provisions in local jurisdictions;

inadequate intellectual property protection in foreign countries;

trade-protection measures, import or export licensing requirements such as Export Administration Regulations promulgated by the U.S. Department of Commerce and fines, penalties or suspension or revocation of export privileges;

the effects of applicable and potentially adverse foreign tax law changes;

significant adverse changes in foreign currency exchange rates;

longer accounts receivable cycles;

managing a geographically dispersed workforce; and

difficulties associated with repatriating cash in a tax-efficient manner.

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In foreign countries, particularly in those with developing economies, certain business practices may exist that are prohibited by laws and regulations applicable to us, such as the U.S. Foreign Corrupt Practices Act and other anti-corruption laws. Although our policies and procedures require compliance with these laws and are designed to facilitate compliance with these laws, our employees, contractors and agents may take actions in violation of applicable laws or our policies. Any such violation, even if prohibited by our policies, could have a material adverse effect on our business and reputation.

### **Our acquisitions may not be successful and we may not be able to successfully integrate and manage acquired businesses.**

Generally, we seek to acquire businesses that broaden our existing product lines and service offerings and expand our geographic reach. There can be no assurance that our acquisitions will be successful or that we will be able to identify suitable acquisition candidates and successfully complete acquisitions. In addition, we may finance any future acquisition with debt, which would increase our overall levels of indebtedness and related interest costs. If we are unable to successfully integrate and manage acquired businesses, then our business and financial results may suffer. It is possible that the businesses we have acquired and businesses that we acquire in the future may perform worse than expected, be subject to an adverse litigation outcome or prove to be more difficult to integrate and manage than expected. If that happens, there may be a material adverse effect on our business and financial results for a number of reasons, including:

we may have to devote unanticipated financial and management resources to acquired businesses;

we may not be able to realize expected operating efficiencies or product integration benefits from our acquisitions;

we may have to write off goodwill or other intangible assets; and

we may incur unforeseen obligations or liabilities (including assumed liabilities not fully indemnified by the seller) in connection with acquisitions.

### **We could lose revenue due to fiscal funding or termination for convenience clauses in certain customer contracts, especially in our K-12 and PS businesses.**

Certain of our customer contracts, particularly those with governments and school districts, may be partly or completely terminated by the customer due to budget cuts or sometimes for any reason at all. These types of clauses are often called fiscal funding or termination for convenience clauses. If a customer exercises one of these clauses, the customer would be obligated to pay for the services we performed up to the date of exercise, but would not have to pay for any further services. In addition, governments and school districts may require contract terms that differ from our standard terms. While we have not been materially affected by exercises of these clauses or other unusual terms in the past, we may be in the future. If customers that collectively represent a substantial portion of our revenue were to invoke the fiscal funding or termination for convenience clauses of their contracts, our future business and results of operations could be adversely affected.

### **The private equity firms that acquired the Company ( Sponsors ) control us and may have conflicts of interest with us.**

Investment funds associated with or designated by the Sponsors indirectly own, through their ownership in the Parent Companies, a substantial portion of our capital stock. As a result, the Sponsors have control over our decisions to enter into any corporate transaction regardless of whether noteholders believe that any such transaction is in their own best interests. For example, the Sponsors could cause us to make acquisitions or pay dividends that increase the amount of indebtedness that is secured or that is senior to our senior subordinated notes or to sell assets.

Additionally, the Sponsors are in the business of making investments in companies and may from time to time acquire and hold interests in businesses that compete directly or indirectly with us. One or more of the

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Sponsors may also pursue acquisition opportunities that may be complementary to our business and, as a result, those acquisition opportunities may not be available to us. So long as investment funds associated with or designated by the Sponsors continue to indirectly own a significant amount of the outstanding shares of our common stock, even if such amount is less than 50%, the Sponsors will continue to be able to strongly influence or effectively control our decisions.

### **If we are unable to protect our proprietary technologies and defend infringement claims, we could lose one of our competitive advantages and our business could be adversely affected.**

Our success depends in part on our ability to protect our proprietary products and services and to defend against infringement claims. If we are unable to do so, our business and financial results may suffer. To protect our proprietary technology, we rely upon a combination of copyright, patent, trademark and trade secret law, confidentiality restrictions in contracts with employees, customers and others, software security measures, and registered copyrights and patents. Despite our efforts to protect the proprietary technology, unauthorized persons may be able to copy, reverse engineer or otherwise use some of our technology. It also is possible that others will develop and market similar or better technology to compete with us. Furthermore, existing patent, copyright and trade secret laws may afford only limited protection, and the laws of certain countries do not protect proprietary technology as well as United States law. For these reasons, we may have difficulty protecting our proprietary technology against unauthorized copying or use. If any of these events happens, there could be a material adverse effect on the value of our proprietary technology and on our business and financial results. In addition, litigation may be necessary to protect our proprietary technology. This type of litigation is often costly and time-consuming, with no assurance of success.

### **We may be sued for violating the intellectual property rights of others.**

The software industry is characterized by the existence of a large number of trade secrets, copyrights and the growing number of issued patents, as well as frequent litigation based on allegations of infringement or other violations of intellectual property rights. We may unknowingly violate the intellectual property rights of others. Some of our competitors or other third parties may have been more aggressive than us in applying for or obtaining patent rights for innovative proprietary technologies both in the United States and internationally. In addition, we use a limited amount of open source software in our products and may use more open source software in the future. Because open source software is developed by numerous independent parties over whom we exercise no supervision or control, allegations of infringement for using open source software are possible. Although we monitor our use and our suppliers' use of open source software to avoid subjecting our products to conditions we do not intend, the terms of many open source licenses have not been interpreted by United States or other courts, and there is a risk that these licenses could be construed in a manner that could impose unanticipated conditions or restrictions on our ability to commercialize our products.

As a result of all of these factors, there can be no assurance that in the future third parties will not assert infringement claims against us and preclude us from using a technology in our products or require us to enter into royalty and licensing arrangements on terms that are not favorable to us, or force us to engage in costly infringement litigation, which could result in us paying monetary damages or being forced to redesign our products to avoid infringement. Additionally, our licenses and service agreements with our customers generally provide that we will defend and indemnify them for claims against them relating to our alleged infringement of the intellectual property rights of third parties with respect to our products or services. We might have to defend or indemnify our customers to the extent they are subject to these types of claims. Any of these claims may be difficult and costly to defend and may lead to unfavorable judgments or settlements, which could have a material adverse effect on our reputation, business and financial results. For these reasons, we may find it difficult or costly to add or retain important features in our products and services.

At present, we are vigorously defending a number of patent infringement cases. While we do not believe we have a potential liability for damages or royalties from any known current legal proceedings or claims related to



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the infringement of patent or other intellectual property rights that would individually or in the aggregate materially adversely affect our financial condition and operating results, the results of such legal proceedings cannot be predicted with certainty. Should we fail to prevail in any of the matters related to infringement of patent or other intellectual property rights of others or should several of these matters be resolved against us in the same reporting period, it could have a material adverse effect on our business and financial results.

### **Defects, design errors or security flaws in our products could harm our reputation and expose us to potential liability.**

Most of our products are very complex software systems that are regularly updated. No matter how careful the design and development, complex software often contains errors and defects when first introduced and when major new updates or enhancements are released. If errors or defects are discovered in our current or future products, we may not be able to correct them in a timely manner, if at all. In our development of updates and enhancements to our products, we may make a major design error that makes the product operate incorrectly or less efficiently.

In addition, certain of our products include security features that are intended to protect the privacy and integrity of customer data. Despite these security features, our products and systems, and our customers' systems may be vulnerable to break-ins and similar problems caused by third parties, such as hackers bypassing firewalls and misappropriating confidential information. Such break-ins or other disruptions could jeopardize the security of information stored in and transmitted through our computer systems and those of our customers, subject us to liability and tarnish our reputation. We may need to expend significant capital resources in order to eliminate or work around errors, defects, design errors or security problems. Any one of these problems in our products may result in the loss of or a delay in market acceptance of our products, the diversion of development resources, a lower rate of license renewals or upgrades and damage to our reputation, and in turn may increase service and warranty costs.

### **A material weakness in our internal controls could have a material adverse affect on us.**

Effective internal controls are necessary for us to provide reasonable assurance with respect to our financial reports and to effectively prevent fraud. If we cannot provide reasonable assurance with respect to our financial reports and effectively prevent fraud, our reputation and operating results could be harmed. Internal control over financial reporting may not prevent or detect misstatements because of its inherent limitations, including the possibility of human error, the circumvention or overriding of controls, or fraud. Further, the complexities of our quarter- and year-end closing processes increase the risk that a weakness in internal control over financial reporting may go undetected. Therefore, even effective internal controls can provide only reasonable assurance with respect to the preparation and fair presentation of financial statements. In addition, projections of any evaluation of effectiveness of internal control over financial reporting to future periods are subject to the risk that the control may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

A material weakness in our internal control over financial reporting could adversely impact our ability to provide timely and accurate financial information. If we are unable to report financial information timely and accurately or to maintain effective disclosure controls and procedures, we could be subject to, among other things, regulatory or enforcement actions by the SEC, any one of which could adversely affect our business prospects.

In connection with our assessment of internal control over financial reporting under Section 404 of the Sarbanes-Oxley Act of 2002 as of December 31, 2011, we identified a material weakness related to our accounting for deferred income taxes. A material weakness is a deficiency, or combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of the Company's annual or interim financial statements will not be prevented or detected on a timely basis. To remediate the material weakness, we developed and implemented a remediation plan. As a result of the remedial actions completed, as described in Item 9A of this Report, we have concluded that we have remediated the material weakness in accounting for deferred income taxes as of December 31, 2012.

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**Unanticipated changes in our income tax provision or the enactment of new tax legislation, issuance of regulations or relevant judicial decisions could affect our profitability or cash flow.**

We are subject to income taxes in the United States and many foreign jurisdictions. Significant judgment is required in determining our worldwide provision for income taxes. We regularly are under examination by tax authorities. Although we believe our income tax provision is reasonable, the final determination of our tax liability could be materially different from our historical income tax provisions, which could have a material effect on our financial position, results of operations or cash flows. In addition, tax-law amendments in the U.S. and other jurisdictions could significantly impact how U.S. multinational corporations are taxed. Although we cannot predict whether or in what form such legislation will pass, if enacted it could have a material adverse effect on our business and financial results.

**ITEM 1B. UNRESOLVED STAFF COMMENTS**

None.

**ITEM 2. PROPERTIES**

We lease space, primarily for availability services facilities, data centers, sales offices, customer support offices and administrative offices, in many locations worldwide. We also own some of our computer and office facilities. Our principal facilities include our leased Availability Services facilities in Philadelphia, Pennsylvania (592,000 square feet), Carlstadt, New Jersey (661,000 square feet), and Hounslow, England (195,000 square feet) and include our financial systems application service provider centers in Voorhees, New Jersey; Burlington, Massachusetts; Hopkins, Minnesota; Salem, New Hampshire; Ridgefield, New Jersey; and Wayne, Pennsylvania. We believe that our leased and owned facilities are adequate for our present operations.

**ITEM 3. LEGAL PROCEEDINGS**

We are presently a party to certain lawsuits arising in the ordinary course of our business. We believe that none of our current legal proceedings will be material to our business, financial condition or results of operations. Information with respect to this item may be found in Note 15 of the Notes to Consolidated Financial Statements in this Report, which information is incorporated into this Item 3 by reference.

**ITEM 4. MINE SAFETY DISCLOSURES**

Not applicable.

**Table of Contents****PART II****ITEM 5. MARKET FOR REGISTRANTS' COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES**

Our outstanding common stock is privately held, and there is no established public trading market for our common stock. As of March 1, 2013, there were 376 holders of record of each of Class A common stock and Class L common stock of SCC, and there was one holder of record of common stock of SunGard.

See ITEM 7-LIQUIDITY AND CAPITAL RESOURCES COVENANT COMPLIANCE for a description of restrictions on our ability to pay dividends.

**ITEM 6. SELECTED FINANCIAL DATA****SunGard Capital Corp.**

	2008	2009	2010	2011	2012
	<i>(in millions)</i>				
<b>Income Statement Data <sup>(1)</sup></b>					
Revenue	\$ 4,795	\$ 4,752	\$ 4,437	\$ 4,440	\$ 4,263
Operating income (loss)	537	(684)	204	337	74
Loss from continuing operations	(142)	(1,181)	(414)	(71)	(397)
Income (loss) from discontinued operations	(100)	64	(156)	(80)	331
Net loss	(242)	(1,117)	(570)	(151)	(66)
<b>Cash Flow Data</b>					
Cash flow from continuing operations	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	\$ 601	\$ 606	\$ 645
Cash flow from discontinued operations	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	120	72	(401)
Cash flow from operations	\$ 384	\$ 640	\$ 721	\$ 678	\$ 244
<b>Balance Sheet Data</b>					
Total assets	\$ 15,778	\$ 13,980	\$ 12,968	\$ 12,550	\$ 10,018
Total short-term and long-term debt	8,875	8,315	8,055	7,829	6,662
Equity	2,869	1,914	1,452	1,375	614

**SunGard Capital Corp. II**

	2008	2009	2010	2011	2012
	<i>(in millions)</i>				
<b>Income Statement Data <sup>(1)</sup></b>					
Revenue	\$ 4,795	\$ 4,752	\$ 4,437	\$ 4,440	\$ 4,263
Operating income (loss)	537	(684)	204	337	74
Loss from continuing operations	(142)	(1,182)	(414)	(69)	(397)
Income (loss) from discontinued operations	(100)	64	(156)	(80)	331
Net loss	(242)	(1,118)	(570)	(149)	(66)
<b>Cash Flow Data</b>					
Cash flow from continuing operations	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	\$ 601	\$ 606	\$ 645
Cash flow from discontinued operations	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	120	72	(401)

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Cash flow from operations	\$ 385	\$ 640	\$ 721	\$ 678	\$ 244
<b>Balance Sheet Data</b>					
Total assets	\$ 15,778	\$ 13,980	\$ 12,968	\$ 12,550	\$ 10,018
Total short-term and long-term debt	8,875	8,315	8,055	7,829	6,662
Stockholders' equity	3,011	2,026	1,567	1,433	688

**Table of Contents****SunGard Data Systems Inc.**

	2008	2009	2010 <i>(in millions)</i>	2011	2012
<b>Income Statement Data <sup>(1)</sup></b>					
Revenue	\$ 4,795	\$ 4,752	\$ 4,437	\$ 4,440	\$ 4,263
Operating income (loss)	537	(684)	204	337	74
Loss from continuing operations	(142)	(1,182)	(414)	(69)	(397)
Income (loss) from discontinued operations	(100)	64	(156)	(80)	331
Net loss	(242)	(1,118)	(570)	(149)	(66)
<b>Cash Flow Data</b>					
Cash flow from continuing operations	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	\$ 601	\$ 606	\$ 645
Cash flow from discontinued operations	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	120	72	(401)
Cash flow from operations	\$ 385	\$ 639	\$ 721	\$ 678	\$ 244
<b>Balance Sheet Data</b>					
Total assets	\$ 15,778	\$ 13,980	\$ 12,968	\$ 12,550	\$ 10,018
Total short-term and long-term debt	8,875	8,315	8,055	7,829	6,662
Stockholder's equity	3,063	2,067	1,607	1,461	716

(1) Included in the 2008 loss from continuing operations are intangible asset write-offs of \$67 million and foreign currency losses and unused alternative financing commitment fees associated with the acquisition of GL TRADE S.A. of \$17 million. Included in the 2008 income from discontinued operations is a goodwill impairment charge of \$128 million.

Included in the 2009 loss from continuing operations is a goodwill impairment charge of \$1.13 billion and intangible asset write-offs of \$35 million.

Included in the 2010 loss from continuing operations is a goodwill impairment charge of \$205 million and a loss on the extinguishment of debt of \$58 million, including tender and call premiums of \$39 million, associated with the early retirement of \$1.6 billion senior notes due 2013 and euro denominated term loans. Included in the 2010 loss from discontinued operations is a goodwill impairment charge of \$123 million and a loss on disposal of discontinued operations of \$94 million.

Included in the 2011 loss from continuing operations are goodwill impairment charges of \$48 million related to prior-year periods which have been corrected in 2011 and an income tax benefit of \$48 million reflecting amortization of the deferred tax liability which benefit would have been reflected in prior years in the statement of comprehensive income. Included in the 2011 income (loss) from discontinued operations is \$135 million of deferred tax expense related to the book-over-tax basis difference of a Higher Education ( HE ) subsidiary that is classified as held for sale at December 31, 2011 and a goodwill impairment charge of \$3 million.

Included in the 2012 loss from continuing operations is a goodwill impairment charge of \$385 million and a loss on extinguishment of debt of \$82 million, including tender and call premiums of \$48 million, due primarily to the early extinguishments of the senior notes due 2015 and the senior subordinated notes due 2015, and the partial repayment of term loans in January and December 2012. Included in the 2012 income from discontinued operations are gains on the sale of discontinued operations of \$571 million.

See Notes 1, 2, 5 and 6 of Notes to Consolidated Financial Statements.

(2) The split of cash flow from continuing operations and cash flow from discontinued operations is not available for 2008 and 2009 due to the sales of HE in 2011 and SunGard Global Services France in 2012.



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**Item 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

**Overview**

We are one of the world's leading software and technology services companies. We provide software and technology services to financial services, education and public sector organizations. We also provide disaster recovery services, managed services, information availability consulting services and business continuity management software. We serve approximately 25,000 customers in more than 70 countries. Our high quality software solutions, excellent customer support and specialized technology services result in strong customer retention rates across all of our business segments and create long-term customer relationships.

We operate our business in three segments: Financial Systems ( FS ), Availability Services ( AS ) and Other, which is comprised of K-12 Education and Public Sector ( PS ). Our FS segment primarily serves financial services companies, corporate and government treasury departments and energy companies. Our AS segment serves IT-dependent companies across virtually all industries. Our Other segment, which is approximately 5% of our total revenue, primarily serves state and local governments, not-for-profit organizations and K-12 school districts and private schools throughout the U.S.

SunGard Data Systems Inc. ( SunGard ) was acquired on August 11, 2005 in a leveraged buy-out by a consortium of private equity investment funds associated with Bain Capital Partners, The Blackstone Group, Goldman Sachs & Co., Kohlberg Kravis Roberts & Co., Providence Equity Partners, Silver Lake and TPG (the LBO ).

SunGard is a wholly owned subsidiary of SunGard Holdco LLC, which is wholly owned by SunGard Holding Corp., which is wholly owned by SunGard Capital Corp. II ( SCCII ), which is a subsidiary of SunGard Capital Corp ( SCC ). SCCII and SCC are collectively referred to as the Parent Companies. All four of these companies were formed for the purpose of facilitating the LBO and are collectively referred to as the Holding Companies. The use of we , our , us and similar terms is meant to refer to each of SCC, SCCII and SunGard.

FS provides mission-critical software and technology services to virtually every type of financial services institution, including buy-side and sell-side institutions, third-party administrators, wealth managers, retail banks, insurance companies, corporate treasuries and energy trading firms. Our broad range of complementary software solutions and associated technology services help financial services institutions automate the business processes associated with trading, managing portfolios and accounting for investment assets.

AS provides disaster recovery services, managed IT services, information availability consulting services and business continuity management software to more than 8,000 customers in North America and Europe. With approximately five million square feet of data center and operations space, AS assists IT organizations across virtually all industry and government sectors to prepare for and recover from emergencies by helping them minimize their computer downtime and optimize their uptime. Through direct sales and channel partners, AS helps organizations have uninterrupted access to the information systems so that they can continue to transact business.

Our Other segment provides software and technology services designed to meet the specialized needs of local, state and federal governments, public safety and justice agencies, public and private schools, utilities, nonprofits, and other public sector institutions.

In 2012, the difficult economy resulted in cautious customer buying patterns, particularly in the established markets. In FS, this has resulted in fewer new license sales, which in turn drove lower professional services revenue. Offsetting this, processing revenues were fairly stable and license renewals were strong. In addition, in certain product lines, particularly within the emerging markets, we have consistently acquired new customers

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which in turn resulted in additional professional services revenue. In AS, our managed recovery program, managed service offerings, and cloud solutions helped to offset a contraction in traditional recovery services revenue.

In this environment, we are managing carefully to protect our profit and improve our profit margins. We are specifically taking steps to exit lower margin or slower growing business lines. We are thoughtfully managing spending and shifting our investments into faster growing products and regions. This has resulted in improved cash flow, reduced debt and greater value to our shareholders.

### **Use of Estimates and Critical Accounting Policies**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ( GAAP ) requires us to make many estimates and judgments that affect the reported amounts of assets, liabilities, revenue and expenses. Those estimates and judgments are based on historical experience, future expectations and other factors and assumptions we believe to be reasonable under the circumstances. We review our estimates and judgments on an ongoing basis and revise them when necessary. Actual results may differ from the original or revised estimates. A summary of our significant accounting policies is contained in Note 1 of Notes to Consolidated Financial Statements. A description of the most critical policies and those areas where estimates have a relatively greater effect in the financial statements follows. Management has discussed the critical accounting policies described below with our audit committee.

#### ***Intangible Assets and Purchase Accounting***

Purchase accounting requires that all assets and liabilities be recorded at fair value on the acquisition date, including identifiable intangible assets separate from goodwill. Identifiable intangible assets include customer base (which includes customer contracts and relationships), software and trade name. Goodwill represents the excess of cost over the fair value of net assets acquired.

The estimated fair values and useful lives of identifiable intangible assets are based on many factors, including estimates and assumptions of future operating performance and cash flows of the acquired business, the nature of the business acquired, the specific characteristics of the identified intangible assets, and our historical experience and that of the acquired business. The estimates and assumptions used to determine the fair values and useful lives of identified intangible assets could change due to numerous factors, including product demand, market conditions, technological developments, economic conditions and competition. In connection with our determination of fair values, we may engage independent appraisal firms to assist us with the valuation of intangible (and certain tangible) assets acquired and certain assumed obligations.

We periodically review carrying values and useful lives of long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying value of the asset may not be recoverable. Factors that could indicate an impairment include significant underperformance of the asset as compared to historical or projected future operating results, or significant negative industry or economic trends. When we determine that the carrying value of an asset may not be recoverable, the related estimated future undiscounted cash flows expected to result from the use and eventual disposition of the asset are compared to the carrying value of the asset. If the sum of the estimated future undiscounted cash flows is less than the carrying amount, we record an impairment charge based on the difference between the carrying value of the asset and its fair value, which we estimate based on discounted expected future cash flows. In determining whether an asset is impaired, we make assumptions regarding recoverability of costs, estimated future cash flows from the asset, intended use of the asset and other relevant factors. If these estimates or their related assumptions change, we may be required to record non-cash impairment charges for these assets.

GAAP requires the Company to perform a goodwill impairment test annually and test more frequently when negative conditions or a triggering event arise. In September 2011, the Financial Accounting Standards Board



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( FASB ) issued amended guidance that simplified how entities test goodwill for impairment. After an assessment of certain qualitative factors, if it is determined to be more likely than not that the fair value of a reporting unit is less than its carrying amount, entities must perform the quantitative analysis of the goodwill impairment test. Otherwise, the quantitative test(s) become optional. As allowed under the amended guidance, the Company chose not to assess the qualitative factors of its reporting units and, instead, performed the quantitative test.

We complete our annual goodwill impairment test as of July 1 for each of our 11 reporting units. In step one, we estimate the fair values of each reporting unit by a combination of (i) estimation of the discounted cash flows of each of the reporting units based on projected earnings in the future (the income approach) and (ii) a comparative analysis of revenue and EBITDA multiples of public companies in similar markets (the market approach). We then compare the estimated fair value to the carrying value. If there is a deficiency (the estimated fair value of a reporting unit is less than the carrying value), a step-two test is required. In step two, the amount of any goodwill impairment is measured by comparing the implied fair value of the reporting unit's goodwill to the carrying value of goodwill, with any resulting impairment reflected in operations. The implied fair value is determined in the same manner as the amount of goodwill recognized in a business combination.

Estimating the fair value of a reporting unit requires various assumptions including projections of future cash flows, perpetual growth rates and discount rates that reflect the risks associated with achieving those cash flows. The assumptions about future cash flows and growth rates are based on management's assessment of a number of factors including the reporting unit's recent performance, performance of the market that the reporting unit serves, as well as industry and general economic data from third party sources. Discount rate assumptions are based on an assessment of the risk inherent in those future cash flows. Changes to the underlying businesses could affect the future cash flows, which in turn could affect the fair value of the reporting unit. For the July 1, 2012 impairment test, the discount rates used were between 10% and 12% and the perpetual growth rates used were between 3% and 4%.

Based on the results of the step-one tests, we determined that the carrying value of our Availability Services North America ( AS NA ) reporting unit was in excess of its respective fair value and a step-two test was required. The primary driver for the decline in the fair value of the AS NA reporting unit compared to the prior year is the decline in the cash flow projections for AS NA when compared to those used in the 2011 goodwill impairment test as a result of a decline in the overall outlook of this reporting unit. We continue to expect to grow the AS NA business over the long-term, albeit at a slower rate than previously planned.

Prior to completing the step-two test, we first evaluated certain long-lived assets, primarily the software, customer base and property and equipment, for impairment. In performing the impairment tests for long-lived assets, we estimated the undiscounted cash flows for the asset groups over the remaining useful lives of the reporting unit's primary asset and compared that to the carrying value of the asset groups. There was no impairment of the long-lived assets.

In completing the step-two test to determine the implied fair value of goodwill and therefore the amount of impairment, we first determined the fair value of the tangible and intangible assets and liabilities. Based on the testing performed, we determined that the carrying value of goodwill exceeded its implied fair value and recorded a non-cash goodwill impairment charge of \$385 million.

The Company has one other reporting unit, whose goodwill balance was \$299 million as of December 31, 2012, where the excess of the estimated fair value over the carrying value of the reporting unit was less than 15% of the carrying value. A one hundred basis point decrease in the perpetual growth rate or a one hundred basis point increase in the discount rate would not cause this reporting unit to fail step one and require a step-two analysis. However, if this unit fails to achieve expected performance levels in the near term or experiences a downturn in the business below current expectations, goodwill could be impaired.

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The Company's remaining reporting units, whose goodwill balances in aggregate total \$3.7 billion at December 31, 2012, each had estimated fair values which exceeded the carrying value of the reporting unit by at least 15% as of the July 1, 2012 impairment test.

In 2009, we recorded an adjustment to the state income tax rate used to calculate the deferred income tax liabilities associated with the intangible assets at the LBO date which resulted in reductions to our deferred tax liability and goodwill balances of approximately \$114 million. During 2011, we determined that the 2009 adjustment was incorrect and reversed it, thereby increasing the December 31, 2011 deferred tax liability and goodwill balances each by approximately \$100 million for continuing operations and \$14 million for assets (liabilities) related to discontinued operations. As a result of this correction, we recorded a non-cash goodwill impairment charge of \$48 million, of which \$36 million related to the impairment charge in 2009 and \$12 million related to the impairment charge in 2010, and recorded a non-cash goodwill impairment charge of \$3 million in discontinued operations that related to the 2010 impairment charge. In addition, we recorded an income tax benefit of \$48 million, of which \$35 million related to prior periods, reflecting the amortization of the deferred income tax liability which would have been reflected in the statement of comprehensive income had the 2009 adjustment not been made. Had we recorded the goodwill impairment charges in the correct periods, the impairment charge for 2009 would have been \$1.162 billion, and the impairment charge in 2010 would have been \$217 million. We assessed the impact of correcting these errors in 2011 and do not believe that these amounts are material to any prior period financial statements, nor is the correction of these errors material to the 2011 financial statements. As a result, we have not restated any prior period amounts.

Based on the results of our July 1, 2010 step-one tests, we determined that the carrying values of our combined PS and K-12 Education reporting units, our Public Sector United Kingdom ( PS UK ) reporting unit, which has since been sold and is included in discontinued operations, and our Higher Education Managed Services ( HE MS ) reporting unit, which was sold in January 2012 and is included in discontinued operations, were in excess of their respective fair values and a step-two test was required for each of these reporting units. The primary driver for the decline in the fair value of the reporting units compared to the prior year is the reduction in the perpetual growth rate assumption used for each of these three reporting units, stemming from the disruption in the global financial markets, particularly the markets which these three reporting units serve. Furthermore, there was a decline in the cash flow projections for the PS and K-12 Education, and PS UK reporting units compared to those used in the 2009 goodwill impairment test as a result of decline in the overall outlook for these two reporting units. Additionally, the discount rate assumption used for the PS UK reporting unit was higher than the discount rate used in the 2009 impairment test.

A one percentage point increase in the perpetual growth rate or a one percentage point decrease in the discount rate would have resulted in our HE MS reporting unit having a fair value in excess of carrying value and a step-two test would not have been required.

Prior to completing the step-two tests, we first evaluated the long-lived assets, primarily the software, customer base and property and equipment, for impairment. In performing the impairment tests for long-lived assets, we estimated the undiscounted cash flows for the asset groups over the remaining useful lives of the reporting unit's primary asset and compared that to the carrying value of the asset groups. There was no impairment of the long-lived assets.

In completing the step-two tests to determine the implied fair value of goodwill and therefore the amount of impairment, we first determined the fair value of the tangible and intangible assets and liabilities. Based on the testing performed, we determined that the carrying value of goodwill exceeded its implied fair value for each of the three reporting units and recorded a non-cash goodwill impairment charge of \$328 million, of which \$205 million is presented in continuing operations and \$123 million in discontinued operations.

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### **Revenue Recognition**

We generate revenue from the following sources: (1) services revenue, which includes revenue from processing services, software maintenance and support, software rentals, recovery and managed services, professional services and broker/dealer fees; and (2) software license fees, which result from contracts that permit the customer to use a SunGard product at the customer's site.

The following criteria must be met in determining whether revenue may be recorded: persuasive evidence of a contract exists; services have been provided; the price is fixed or determinable; and collection is reasonably assured.

Services revenue is recorded as the services are provided based on the fair value of each element. Most AS services revenue consists of fixed monthly fees based upon the specific computer configuration or business process for which the service is being provided. When recovering from an interruption, customers generally are contractually obligated to pay additional fees, which typically cover the incremental costs of supporting customers during recoveries. FS services revenue includes monthly fees, which may include a fixed minimum fee and/or variable fees based on a measure of volume or activity, such as the number of accounts, trades or transactions, users or the number of hours of service.

For fixed-fee professional services contracts, services revenue is recorded based upon proportional performance, measured by the actual number of hours incurred divided by the total estimated number of hours for the project. Changes in the estimated costs or hours to complete the contract and losses, if any, are reflected in the period during which the change or loss becomes known.

License fees result from contracts that permit the customer to use a SunGard software product at the customer's site. Generally, these contracts are multiple-element arrangements since they usually include professional services and ongoing software maintenance. In these instances, license fees are recognized upon the signing of the contract and delivery of the software if the license fee is fixed or determinable, collection is probable, and there is sufficient vendor specific evidence of the fair value of each undelivered element. When there are significant program modifications or customization, installation, systems integration or related services, the professional services and license revenue are combined and recorded based upon proportional performance, measured in the manner described above. Revenue is recorded when billed if customer payments are extended beyond normal billing terms, or at acceptance when there is significant acceptance, technology or service risk. Revenue also is recorded over the longest service period in those instances where the software is bundled together with post-delivery services and there is not sufficient evidence of the fair value of each undelivered service element.

With respect to software related multiple-element arrangements, sufficient evidence of fair value is defined as vendor specific objective evidence (VSOE). If there is no VSOE of the fair value of the delivered element (which is usually the software) but there is VSOE of the fair value of each of the undelivered elements (which are usually maintenance and professional services), then the residual method is used to determine the revenue for the delivered element. The revenue for each of the undelivered elements is set at the fair value of those elements using VSOE of the price paid when each of the undelivered elements is sold separately. The revenue remaining after allocation to the undelivered elements (i.e., the residual) is allocated to the delivered element.

VSOE supporting the fair value of maintenance is based on the optional renewal rates for each product and is typically 18% to 20% of the software license fee per year. VSOE supporting the fair value of professional services is based on the standard daily rates charged when those services are sold separately.

In some software related multiple-element arrangements, the maintenance or services rates are discounted. In these cases, a portion of the software license fee is deferred and recognized as the maintenance or services are performed based on VSOE of the services.

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From time to time we enter into arrangements with customers who purchase non-software related services from us at the same time, or within close proximity, of purchasing software (non-software multiple-element arrangements). Each element within a non-software multiple-element arrangement is accounted for as a separate unit of accounting provided the following criteria are met: the delivered services have value to the customer on a standalone basis; and, for an arrangement that includes a general right of return relative to the delivered services, delivery or performance of the undelivered service is considered probable and is substantially controlled by us. Where the criteria for a separate unit of accounting are not met, the deliverable is combined with the undelivered element(s) and treated as a single unit of accounting for the purposes of allocation of the arrangement consideration and revenue recognition.

For our non-software multiple-element arrangements, we allocate revenue to each element based on a selling price hierarchy at the arrangement inception. The selling price for each element is based upon the following selling price hierarchy: VSOE, then third-party evidence ( TPE ), then best estimated selling price ( BESP ). The total arrangement consideration is allocated to each separate unit of accounting for each of the non-software deliverables using the relative selling prices of each unit based on this hierarchy. We limit the amount of revenue recognized for delivered elements to an amount that is not contingent upon future delivery of additional products or services or meeting of any specified performance conditions.

To determine the selling price in non-software multiple-element arrangements, we establish VSOE of the selling price using the price charged for a deliverable when sold separately. Where VSOE does not exist, TPE is established by evaluating similar competitor products or services in standalone arrangements with similarly situated customers. If we are unable to determine the selling price because VSOE or TPE doesn't exist, we determine BESP for the purposes of allocating the arrangement by considering pricing practices, margin, competition, and geographies in which we offer our products and services.

Unbilled receivables are created when services are performed or software is delivered and revenue is recognized in advance of billings. Deferred revenue is created when billing occurs in advance of performing services or when all revenue recognition criteria have not been met.

We believe that our revenue recognition practices comply with the complex and evolving rules governing revenue recognition. Future interpretations of existing accounting standards, new standards or changes in our business practices could result in changes in our revenue recognition accounting policies that could have a material effect on our consolidated financial results.

### ***Accounting for Income Taxes***

Income taxes are accounted for under the asset and liability method. Deferred income tax assets and liabilities are calculated based on the difference between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases using the enacted income tax rates expected to be in effect during the years in which the temporary differences are expected to reverse. Valuation allowances are recorded to reduce deferred tax assets when it is more likely than not that a tax benefit will not be realized. Tax benefits related to uncertain tax positions taken or expected to be taken on a tax return are recorded only when such benefits are more likely than not of being sustained. Considerable judgment is required in assessing and estimating these amounts and differences between the actual outcome of these future tax consequences and our estimates could have a material effect on our consolidated financial results.

### ***Accounting for Stock-Based Compensation***

Stock-based compensation cost is measured at the grant date based on the fair value of the award and is recognized as expense over the appropriate service period. Fair value for stock options is computed using the Black-Scholes pricing model. Determining the fair value of stock-based awards requires considerable judgment, including estimating the expected term of stock options, expected volatility of our stock price, and the number of

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awards expected to be forfeited. Since the Company is not publicly traded, the Company utilizes equity valuations based on (a) stock market valuations of public companies in comparable businesses, (b) recent transactions involving comparable companies and (c) any other factors deemed relevant (see Note 7). In addition, for stock-based awards where vesting is dependent upon achieving certain operating performance goals, we estimate the likelihood of achieving the performance goals. Differences between actual results and these estimates could have a material effect on our consolidated financial results. A deferred income tax asset is recorded over the vesting period as stock compensation expense is recognized. Our ability to recognize a benefit for this deferred tax asset will be ultimately determined based on the actual value of the stock option upon exercise or restricted stock unit upon distribution. If the actual value is lower than the fair value determined on the date of grant, then there could be income tax expense for the portion of the deferred tax asset that cannot be realized, which could have a material effect on our consolidated financial results.

## **Results of Operations**

We evaluate our performance using both GAAP and non-GAAP measures. Our primary non-GAAP measure is Internal Adjusted EBITDA, whose corresponding GAAP measure is income from continuing operations before income taxes (see Note 13 of Notes to Consolidated Financial Statements). Internal Adjusted EBITDA is defined as operating income excluding the following items:

depreciation and amortization,

amortization of acquisition-related intangible assets,

goodwill impairment,

severance and facility closure charges,

stock compensation,

management fees, and

certain other costs.

We believe Internal Adjusted EBITDA is an effective tool to measure our operating performance since it excludes non-cash items and certain variable charges. We use Internal Adjusted EBITDA extensively to measure both SunGard and its reporting segments within the Company and also to our board of directors.

While Internal Adjusted EBITDA is useful for analysis purposes, it should not be considered as an alternative to our reported GAAP results. Also, Internal Adjusted EBITDA may not be comparable to similarly titled measures used by other companies. Internal Adjusted EBITDA is similar, but not identical, to adjusted EBITDA as defined in the Credit Agreement (as defined below) for purposes of our debt covenants.

During 2010, we sold our PS UK operation which is presented as discontinued operations. In January 2012, we sold our Higher Education business which is also presented as discontinued operations.

Except as otherwise noted, all explanations below exclude the impacts from changes in currency translation, which we refer to as constant currency, a non-GAAP measure. We believe presenting our results on a constant currency basis is meaningful for assessing how our underlying businesses have performed due to the fact that we have international operations that are material to our overall operations. As a result, total revenues and expenses are affected by changes in the U.S. Dollar against international currencies. To present this constant currency information, current period results for entities reporting in currencies other than U.S. Dollars are converted to U.S. Dollars at the average exchange rate used in the prior year period rather than the actual exchange rates in effect during the current year period. In each of the tables below, we present the

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percent change based on actual, unrounded results in reported currency and in constant currency. Also, percentages may not add due to rounding.

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The following discussion reflects the results of operations and financial condition of SCC, which are materially the same as the results of operations and financial condition of SCCII and SunGard. Therefore, the discussions provided are applicable to each of SCC, SCCII and SunGard unless otherwise noted. Also, the following discussion includes historical and certain forward-looking information that should be read together with the accompanying Consolidated Financial Statements and related footnotes and the discussion above of certain risks and uncertainties (see ITEM 1A RISK FACTORS) that could cause future operating results to differ materially from historical results or the expected results indicated by forward looking statements.

**Year Ended December 31, 2012 Compared to Year Ended December 31, 2011**

The following table sets forth, for the periods indicated, certain supplemental revenue data and the relative percentage that those amounts represent to total revenue.

	Year Ended December 31, 2011		Year Ended December 31, 2012		Percent Increase (Decrease) 2012 vs. 2011	Constant Currency Year Ended December 31, 2012		Percent Increase (Decrease) 2012 vs. 2011
	percent of revenue	percent of revenue	percent of revenue	percent of revenue				
(in millions)								
<b>Financial Systems (FS)</b>								
Services	\$ 2,445	55%	\$ 2,370	56%	(3)%	\$ 2,403	56%	(2)%
License and resale fees	259	6%	244	6%	(6)%	251	6%	(3)%
Total products and services	2,704	61%	2,614	61%	(3)%	2,654	62%	(2)%
Reimbursed expenses	72	2%	40	1%	(45)%	40	1%	(44)%
Total	\$ 2,776	63%	\$ 2,654	62%	(4)%	\$ 2,694	62%	(3)%
<b>Availability Services (AS)</b>								
Services	\$ 1,438	32%	\$ 1,383	32%	(4)%	\$ 1,394	32%	(3)%
License and resale fees	2	%	3	%	(15)%	3	%	(14)%
Total products and services	1,440	32%	1,386	32%	(4)%	1,397	32%	(3)%
Reimbursed expenses	20	%	19	%	(3)%	20	%	%
Total	\$ 1,460	33%	\$ 1,405	33%	(4)%	\$ 1,417	33%	(3)%
<b>Other<sup>(1)</sup></b>								
Services	\$ 173	4%	\$ 173	4%	%	\$ 173	4%	%
License and resale fees	28	1%	28	1%	2%	28	1%	2%
Total products and services	201	5%	201	5%	%	201	5%	%
Reimbursed expenses	3	%	3	%	(12)%	3	%	(12)%
Total	\$ 204	5%	\$ 204	5%	%	\$ 204	5%	%
<b>Total Revenue</b>								
Services	\$ 4,056	91%	\$ 3,926	92%	(3)%	\$ 3,970	92%	(2)%
License and resale fees	289	7%	275	6%	(5)%	282	7%	(3)%
Total products and services	4,345	98%	4,201	99%	(3)%	4,252	99%	(2)%
Reimbursed expenses	95	2%	62	1%	(35)%	63	1%	(34)%

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Total	\$ 4,440	100%	\$ 4,263	100%	(4)%	\$ 4,315	100%	(3)%
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(1) Other includes our PS and K-12 Education businesses.



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Total SunGard reported revenue decreased \$177 million, or 4%, in 2012 compared to 2011. On a constant currency basis, revenue decreased \$125 million, or 3%. Approximately \$56 million of the \$125 million decrease, or 1.3 points of the three percentage points of decrease, was due to a decrease in revenue as we intentionally exited certain lower margin services in our broker/dealer business (the Broker/Dealer). These revenues were generally pass through fees to stock exchanges, as mentioned below.

Our revenue is highly diversified by customer and product. During each of the past three fiscal years, no single customer has accounted for more than 3% of total revenue. On average for the past three fiscal years, services revenue has been approximately 91% of total revenue. About 80% of services revenue is highly recurring as a result of multi-year contracts and is generated from software-related services including software maintenance and support, processing and rentals; and recovery and managed services. The remaining services revenue includes professional services, which are mainly generated from implementation and consulting services in connection with the sale of our products; and broker/dealer fees, which are largely correlated with trading volumes. On a constant currency basis, services revenue decreased to \$3.97 billion from \$4.06 billion, representing approximately 92% of total revenue in 2012, an increase of 1% from 2011. The revenue decrease of \$86 million was mainly due to a \$54 million decrease in AS recovery services, a \$53 million decrease in FS and AS professional services revenue, an \$8 million decrease in FS software rental revenue and a \$7 million decrease in broker/dealer fee revenue of which the Broker/Dealer's portion resulted in a decrease of \$23 million, partially offset by a \$16 million increase in AS managed services revenue, a \$13 million increase from FS acquisitions and a \$9 million increase in FS processing revenue.

Professional services revenue was \$598 million and \$648 million in 2012 and 2011, respectively, and are discussed in more detail below. Revenue from total broker/dealer fees was \$157 million and \$164 million in 2012 and 2011, respectively.

Reported revenue from license and resale fees includes software license revenue of \$241 million and \$252 million, respectively. On a constant currency basis, software license revenue decreased \$4 million, or 2%. Reimbursed expense revenue decreased \$32 million due to the decline in revenue in the Broker/Dealer.

*Financial Systems segment:*

FS reported revenue was \$2.65 billion in 2012 compared to \$2.78 billion in 2011, a decrease of 4%. On a constant currency basis, revenue decreased \$82 million, or 3%. Two percentage points of the decrease, or \$56 million, was related to lower revenue from the Broker/Dealer discussed above. Professional services revenue decreased \$47 million, or 8%, due primarily to successful completion of projects during 2011 and relatively lower demand in 2012 driven by fewer new license sales, and was offset in part by a \$5 million increase from acquisitions. Software rental revenue decreased \$8 million, or 2%, due primarily to attrition. Broker/dealer fee revenue (excluding the Broker/Dealer) increased \$16 million, or 12%, due primarily to increased trading activity during 2012. Processing revenue increased \$9 million, or 1%, due mainly to the impact of new business signed in 2011, higher volumes and rate increases in 2012 and \$5 million due to acquisitions. Reported revenue from software license revenue was \$229 million, a decrease of \$11 million from 2011. On a constant currency basis, software license revenue decreased \$4 million, or 2%.

*Availability Services segment:*

AS reported revenue decreased \$55 million, or 4%, in 2012 from the prior year. On a constant currency basis, revenue decreased 3%. In North America, which accounts for over 75% of our AS business, revenue decreased 4% where decreases of \$54 million in recovery services (RS) and \$6 million in professional services revenue exceeded growth of \$16 million in managed services (MS) revenue. Revenue in Europe, primarily from our U.K. operations, was unchanged, where an increase in MS revenue was offset by a decrease in RS revenue.

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Our RS revenue has been declining due to customers shifting from traditional backup and recovery solutions to either in-house solutions or disk-, cloud-based or managed recovery solutions. Separately, in MS, demand has been increasing for outsourced management of IT operations and applications. We expect these trends to continue in the future.

*Other segment:*

Reported revenue and constant currency revenue were unchanged at \$204 million in 2012. Professional services revenue decreased \$2 million and processing revenue increased \$2 million. Revenue from license and resale fees included software license revenue of \$10 million in 2012, a \$1 million increase from the prior year.

The following table sets forth, for the periods indicated, certain amounts included in our Consolidated Statements of Comprehensive Income and the relative percentage that those amounts represent to consolidated revenue (unless otherwise indicated).

	Year Ended December 31, 2011		Year Ended December 31, 2012		Percent Increase (Decrease) 2012 vs. 2011	Constant Currency Year Ended December 31, 2012		Percent Increase (Decrease) 2012 vs. 2011
	percent of revenue		percent of revenue			percent of revenue		
(in millions)								
<b>Revenue</b>								
Financial Systems	\$ 2,776	63%	\$ 2,654	62%	(4)%	\$ 2,694	62%	(3)%
Availability Services	1,460	33%	1,405	33%	(4)%	1,417	33%	(3)%
Other	204	5%	204	5%	%	204	5%	%
<b>Total Revenue</b>	<b>\$ 4,440</b>	<b>100%</b>	<b>\$ 4,263</b>	<b>100%</b>	<b>(4)%</b>	<b>\$ 4,315</b>	<b>100%</b>	<b>(3)%</b>
<b>Costs and Expenses</b>								
Cost of sales and direct operating (excluding depreciation)	\$ 1,848	42%	\$ 1,740	41%	(6)%	\$ 1,759	41%	(5)%
Sales, marketing and administration	1,108	25%	1,039	24%	(6)%	1,055	24%	(5)%
Product development and maintenance	393	9%	353	8%	(10)%	367	8%	(7)%
Depreciation and amortization	271	6%	287	7%	6%	290	7%	7%
Amortization of acquisition related intangible assets	435	10%	385	9%	(11)%	387	9%	(11)%
Goodwill impairment	48	1%	385	9%	702%	385	9%	702%
<b>Total Costs and Expenses</b>	<b>\$ 4,103</b>	<b>92%</b>	<b>\$ 4,189</b>	<b>98%</b>	<b>2%</b>	<b>\$ 4,243</b>	<b>98%</b>	<b>3%</b>
<b>Internal Adjusted EBITDA</b>								
Financial Systems <sup>(1)</sup>	\$ 720	25.9%	\$ 738	27.8%	2%	\$ 738	27.4%	2%
Availability Services <sup>(1)</sup>	508	34.8%	480	34.2%	(6)%	484	34.2%	(5)%
Other <sup>(1)</sup>	63	31.2%	66	32.5%	5%	66	32.5%	5%
Corporate	(70)	(1.6)%	(44)	(1.0)%	38%	(44)	(1.0)%	37%
<b>Total Internal Adjusted EBITDA</b>	<b>1,221</b>	<b>27.5%</b>	<b>1,240</b>	<b>29.1%</b>	<b>2%</b>	<b>1,244</b>	<b>28.8%</b>	<b>2%</b>
<b>Reconciliation of Internal Adjusted EBITDA to Operating Income</b>								
Depreciation and amortization	(271)	(6.1)%	(287)	(6.7)%	(6)%	(290)	(6.7)%	(7)%
Amortization of acquisition related intangible assets	(435)	(9.8)%	(385)	(9.0)%	11%	(387)	(9.0)%	11%
Goodwill impairment	(48)	(1.1)%	(385)	(9.0)%	(702)%	(385)	(8.9)%	(702)%
Severance and facility closure costs	(65)	(1.5)%	(50)	(1.2)%	23%	(51)	(1.2)%	22%

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Stock compensation expense	(33)	(0.7)%	(38)	(0.9)%	(15)%	(38)	(0.9)%	(15)%
Management fees	(12)	(0.3)%	(14)	(0.3)%	(15)%	(14)	(0.3)%	(15)%
Other costs <sup>(2)</sup>	(20)	(0.4)%	(7)	(0.2)%	60%	(7)	(0.2)%	60%
 Total Operating Income	 \$ 337	 7.6%	 \$ 74	 1.7%	 (78)%	 \$ 72	 1.7%	 (79)%

(1) Percent of revenue is calculated as a percent of revenue from FS, AS and Other, respectively.

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- (2) Other costs include expenses related to strategic initiatives, currency transaction losses, costs to shut down certain services in our Broker/Dealer business (defined above) and certain other costs.

*Operating Income:*

Our total reported operating margin was 1.7% in 2012 compared to 7.6% in 2011. The most significant factor impacting the 5.9 margin point decrease is the \$385 million goodwill impairment charge related to AS NA in 2012, whereas 2011 included a goodwill impairment of \$48 million. The net impact of these charges was a 7.8 margin point decrease in 2012. The more significant factors impacting the remaining 1.9 margin point improvement are the following:

1.1 margin point increase, or \$47 million, from the decrease in amortization of acquisition-related intangible assets;

0.6 margin point increase from the improvement in the FS internal adjusted EBITDA margin;

0.6 margin point increase, or \$26 million, from the decrease in corporate expenses resulting from decreases of \$20 million of employment-related expenses (excluding severance) and \$7 million of advertising expenses;

0.3 margin point increase, or \$14 million, from lower severance and corporate executive transition costs of \$22 million offset in part by an \$8 million increase in expenses to exit facilities; and

0.3 margin point increase, or \$12 million, from the decrease in expenses related to strategic initiatives, currency transaction losses and costs incurred in 2011 due to the exit from the Broker/Dealer; partially offset by

0.4 margin point decrease, or \$18 million, from the increase in depreciation and amortization primarily resulting from a shift in AS investments to shorter-lived assets over the last two years while capital expenditures in total have declined; and

0.4 margin point decrease from the decrease in the AS internal adjusted EBITDA margin, which excludes the impact of severance. Excluding the severance charges discussed above, FS improved its total operating margin by 0.6 points due mainly to expense management primarily from reduced external services fees and consulting expenses. Also excluding the severance charges, degradation of total margin by AS of 0.4 points was due primarily to the decrease in recovery services and professional services revenue, partially offset by an increase in revenue from managed services and the decrease in equipment expense.

Across the company, we have several programs designed to continually identify cost savings and productivity improvements. These programs serve to both improve our profitability and help fund our investments. The interplay of savings and investments may result in higher or lower costs in any given quarter. Moreover, short term charges required to secure our long term savings may impact our results in any particular quarter.

*Segment Internal Adjusted EBITDA:*

*Financial Systems segment:*

The most important factors affecting the FS Internal Adjusted EBITDA margin are:

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the level of customer IT spending and its impact on the overall demand for professional services and software license sales,

the rate and value of contract renewals, new contract signings and contract terminations,

the overall condition of the financial services industry and the effect of any further consolidation among financial services firms,

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the level of trading volumes, and

the operating margins of recently acquired businesses, which tend to be lower at the outset and improve over a number of years. More specifically, the FS Internal Adjusted EBITDA margin was 27.4% and 25.9% in 2012 and 2011, respectively. The more significant factors impacting the 1.5 margin point improvement are the 0.5 margin point increase, or \$14 million, from the decrease in external services fees; the 0.4 margin point increase, or \$12 million, from the decrease in consultant expense; the 0.3 margin point increase, or \$9 million, from the increase in costs capitalized as software assets; the 0.3 margin point increase, or \$8 million, from the decrease in facilities costs (excluding lease exit costs); and the 0.2 margin point increase, or \$5 million, from the decrease in communications costs; partially offset by the 0.6 margin point decrease from increases in incentive compensation and employment-related taxes and benefits; and the 0.2 margin point decrease from acquired businesses.

*Availability Services segment:*

The most important factors affecting the AS Internal Adjusted EBITDA margin are:

the rate and value of contract renewals, new contract signings and contract terminations,

the timing and magnitude of equipment and facilities expenditures,

the level and success of new product offerings, and

the trend toward availability solutions utilizing more dedicated resources.

More specifically, the AS Internal Adjusted EBITDA margin was 34.2% and 34.8% in 2012 and 2011, respectively, a decrease of 0.6 margin points. In North America, RS, which typically uses shared resources, decreased the overall AS margin by 1.7 margin points in 2012 due primarily to a \$54 million decrease in higher-margin recovery services revenue, partially offset by a \$20 million decrease in equipment expense. Professional services decreased the overall AS margin by 0.3 margin points in 2012 due primarily to a \$1 million increase in employment-related expenses on \$6 million of lower revenue. Also in North America, decreases in advertising expenses of \$4 million, external services fees of \$3 million and employment-related expenses of \$3 million helped the margin in 2012 by 0.7 margin points. MS helped the margin in 2012 by 0.6 margin points due primarily to a \$16 million increase in typically lower margin managed services revenue, which uses dedicated resources, partially offset by a \$4 million increase in employment-related expenses. The overall AS margin was helped by Europe in 2012 by 0.4 margin points due primarily to a \$5 million decrease in employment-related expenses.

*Other segment:*

The most important factors affecting the margin of our Other segment are:

the rate and value of contract renewals, new contract signings and contract terminations,

the level of government and school district funding, and

the level of customer IT spending and its impact on the overall demand for professional services and software license sales.

The Internal Adjusted EBITDA margin was 32.5% and 31.2% for 2012 and 2011, respectively. The margin increased 1.3 margin points due primarily to a \$2 million increase in costs capitalized as software assets.

*Costs and Expenses:*

Total costs increased to 98% of revenue in 2012 from 92% of 2011 revenue. Excluding the goodwill impairment charges of \$385 million and \$48 million in 2012 and 2011, respectively, total costs as a percentage of total revenue were 89% in 2012 compared to 91% in 2011, and decreased \$198 million.

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Cost of sales and direct operating expenses (excluding depreciation) as a percentage of total revenue were 41% in 2012 and 42% in 2011, respectively, and decreased \$88 million. Of the \$88 million decrease, \$45 million is due to a decrease in reimbursed expenses relating to the exit from certain services of our Broker/Dealer business as discussed above, and a \$23 million decrease in AS equipment costs associated with increased self-maintenance, favorable price negotiations and improved network cost projects; partially offset by an \$8 million increase from FS acquisitions.

Sales, marketing and administration expenses as a percentage of total revenue were 24% and 25% in 2012 and 2011, respectively, and decreased \$53 million. Decreases in sales, marketing and administration expenses were primarily due to decreases of \$34 million of corporate employment-related expenses mainly as a result of executive transition costs incurred in the second quarter of 2011 and other severance actions taken in 2011 and early 2012; \$20 million of external services fees; and \$15 million of advertising expense and related costs mainly resulting from cost savings initiatives; partially offset by a \$5 million increase in stock compensation. Despite these reductions, we continue to make targeted sales investments to improve our growth potential as part of our global strategy.

Because AS product development and maintenance costs are insignificant, it is more meaningful to measure product development and maintenance expenses as a percentage of revenue excluding AS. Product development and maintenance expense was 12% and 13% of revenue excluding AS in 2012 and 2011, respectively, and decreased \$27 million. The decrease in expense is primarily related to a \$9 million increase in FS costs capitalized as software assets and a \$5 million decrease in consulting expenses. The software capitalization costs reflect specific investments that we are making to improve the functionality of our software in response to customer needs.

Depreciation and amortization was 7% and 6% of total revenue in 2012 and 2011, respectively, and increased \$19 million due mainly to a shift in AS investments to shorter-lived assets over the last two years despite a decline in total capital expenditures. Amortization of acquisition-related intangible assets was 9% and 10% of total revenue in 2012 and 2011, and decreased \$48 million. The decrease is due primarily to the \$47 million impact of software assets that were fully amortized in 2011 and \$7 million of impairment charges in 2011, partially offset by the impact of acquired businesses. During 2011, we recorded impairment charges of our customer base and software assets of \$3 million and \$4 million, respectively. These impairments are the result of reduced cash flow projections related to the software and customer base assets that were impaired.

We recorded non-cash goodwill impairment charges of \$385 million and \$48 million in 2012 and 2011, respectively. These impairments are described in the Use of Estimates and Critical Accounting Policies section above.

Interest expense was \$428 million and \$524 million in 2012 and 2011, respectively. The decrease in interest expense was due primarily to the repayment in January 2012 of \$1.22 billion of our outstanding term loans as a result of the sale of HE, the early extinguishment in April 2012 of the 2015 Notes (as defined below) and interest rate decreases resulting from the expiration of interest rate swaps in each of February 2011 and 2012.

The loss on extinguishment of debt was \$82 million and \$3 million in 2012 and 2011, respectively. The increase was due primarily to the early extinguishments of the senior notes due 2015 and the senior subordinated notes due 2015, and the partial repayment of term loans in January and December 2012.

The effective income tax rates for 2012 and 2011 were a tax benefit of 9% and 62%, respectively. The Company's effective tax rate fluctuates from period to period due to changes in the mix of income or losses in jurisdictions with a wide range of tax rates, permanent differences between U.S. GAAP and local tax laws, and certain one-time items including tax rate changes, benefit of foreign taxes, net of a U.S. foreign tax credit, and adjustments related to the repatriation of unremitted earnings of foreign subsidiaries. The effective tax rates for 2012 and 2011 were also impacted by the goodwill impairment charges, which are largely nondeductible.



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Income (loss) from discontinued operations, net of tax, was \$331 million in 2012 and \$(80) million in 2011. During 2012, we recorded a combined gain on the sales of businesses of \$571 million. During 2011, we recorded \$135 million of deferred income tax expense related to the book-over-tax basis difference in a subsidiary of our HE business. See Note 2 of Notes to Consolidated Financial Statements for further discussion.

Income (loss) attributable to the non-controlling interest represents accreted dividends on SCCII's cumulative preferred stock. The amount of accreted dividends was \$251 million and \$225 million in 2012 and 2011, respectively. The increase is due to compounding.

**Year Ended December 31, 2011 Compared to Year Ended December 31, 2010**

The following table sets forth, for the periods indicated, certain supplemental revenue data and the relative percentage that those amounts represent to total revenue.

	Year Ended December 31, 2010		Year Ended December 31, 2011		Percent Increase (Decrease) 2011 vs. 2010	Constant Currency Year Ended December 31, 2011		Percent Increase (Decrease) 2011 vs. 2010
	percent of revenue	percent of revenue	percent of revenue	percent of revenue				
(in millions)								
<b>Financial Systems (FS)</b>								
Services	\$ 2,396	54%	\$ 2,445	55%	2%	\$ 2,398	55%	%
License and resale fees	257	6%	259	6%	1%	250	6%	(3)%
Total products and services	2,653	60%	2,704	61%	2%	2,648	61%	%
Reimbursed expenses	101	2%	72	2%	(29)%	72	2%	(29)%
Total	\$ 2,754	62%	\$ 2,776	63%	1%	\$ 2,720	62%	(1)%
<b>Availability Services (AS)</b>								
Services	\$ 1,452	33%	\$ 1,438	32%	(1)%	\$ 1,419	33%	(2)%
License and resale fees	3	%	3	%	1%	3	%	%
Total products and services	1,455	33%	1,441	32%	(1)%	1,422	33%	(2)%
Reimbursed expenses	14	%	20	%	40%	19	%	35%
Total	\$ 1,469	33%	\$ 1,461	33%	(1)%	\$ 1,441	33%	(2)%
<b>Other <sup>(1)</sup></b>								
Services	\$ 175	4%	\$ 173	4%	(1)%	\$ 173	4%	(1)%
License and resale fees	35	1%	27	1%	(21)%	27	1%	(21)%
Total products and services	210	5%	200	5%	(5)%	200	5%	(5)%
Reimbursed expenses	4	%	3	%	(17)%	3	%	(17)%
Total	\$ 214	5%	\$ 203	5%	(5)%	\$ 203	5%	(5)%
<b>Total Revenue</b>								
Services	\$ 4,023	91%	\$ 4,056	91%	1%	\$ 3,990	91%	(1)%
License and resale fees	295	7%	289	7%	(2)%	280	6%	(5)%
Total products and services	4,318	97%	4,345	98%	1%	4,270	98%	(1)%
Reimbursed expenses	119	3%	95	2%	(20)%	94	2%	(21)%

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Total	\$ 4,437	100%	\$ 4,440	100%	%	\$ 4,364	100%	(2)%
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(1) Other includes our PS and K-12 businesses.

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*Revenue:*

Total SunGard reported revenue was \$4.44 billion in 2011, an increase of \$3 million from 2010. On a constant currency basis, revenue decreased \$73 million, or 2%. Approximately \$104 million of the \$73 million decrease, or 2.4 points of the two percentage points of decrease, was due to a decrease in revenue from the Broker/Dealer.

On a constant currency basis, services revenue decreased to \$3.99 billion from \$4.02 billion, representing approximately 91% of total revenue in both 2011 and 2010. The revenue decrease was mainly due to a \$77 million decrease in broker/dealer fees by the Broker/Dealer and a \$59 million decrease in RS, partially offset by increases of \$41 million from FS acquisitions, \$38 million in FS processing revenue and \$27 million in MS.

Professional services revenue was \$634 million and \$629 million in 2011 and 2010, respectively. The change was due to an increase in FS, partially offset by decreases in AS and Other. Revenue from total broker/dealer fees was \$164 million and \$217 million in 2011 and 2010, respectively.

Reported revenue from license and resale fees included software license revenue of \$252 million and \$255 million, respectively. On a constant currency basis, software license revenue decreased \$13 million, or 5%. Reimbursed expense revenue decreased \$25 million due to the decline in revenue in the Broker/Dealer.

*Financial Systems segment:*

FS reported revenue was \$2.78 billion in 2011 compared to \$2.75 billion in 2010, an increase of 1%. On a constant currency basis, revenue decreased \$34 million, or 1%. Year over year, revenue was impacted by four percentage points, or \$104 million, from lower Broker/Dealer revenue as discussed above. Processing revenue increased \$38 million, or 5%, due mainly to increases in transaction volumes and additional hosted services and an increase of \$8 million from acquired businesses. Professional services revenue increased \$13 million from acquired businesses and increased \$4 million, or 1%, due primarily to implementation, consulting and project work associated with new and expanded customer relationships sold in the past twelve months. Software rental revenue decreased \$6 million, or 2%, due primarily to customer attrition. Reported revenue from license and resale fees included software license revenue of \$240 million, an increase of \$3 million compared to 2010. On a constant currency basis, software license revenue decreased \$7 million, or 3%.

*Availability Services segment:*

AS reported revenue decreased \$8 million, or 1%, in 2011 from the prior year. On a constant currency basis, revenue decreased 2%. In North America, which accounts for over 75% of our AS business, revenue decreased 4% with decreases of \$59 million in RS and \$9 million in professional services revenue exceeding a \$27 million increase in MS revenue. Revenue in Europe, primarily from our U.K. operations, increased \$9 million, or 3%, where an increase in managed services revenue was partially offset by a decrease in recovery services revenue, and included a \$1.5 million increase from a business acquired in 2010.

*Other segment:*

Reported revenue and constant currency revenue from our Other segment both decreased \$11 million, or 5%, in 2011 from 2010. Professional services revenue decreased \$4 million. Revenue from license and resale fees included software license revenue of \$9 million in 2011, a \$6 million decrease from the prior year.

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The following table sets forth, for the periods indicated, certain amounts included in our Consolidated Statements of Comprehensive Income and the relative percentage that those amounts represent to consolidated revenue (unless otherwise indicated).

	Year Ended December 31, 2010		Year Ended December 31, 2011		Percent Increase (Decrease) 2011 vs. 2010	Constant Currency Year Ended December 31, 2011		Percent Increase (Decrease) 2011 vs. 2010
	percent of revenue		percent of revenue			percent of revenue		
(in millions)								
<b>Revenue</b>								
Financial Systems	\$ 2,754	62%	\$ 2,776	63%	1%	\$ 2,720	62%	(1)%
Availability Services	1,469	33%	1,461	33%	(1)%	1,441	33%	(2)%
Other	214	5%	203	5%	(5)%	203	5%	(5)%
<b>Total Revenue</b>	<b>\$ 4,437</b>	<b>100%</b>	<b>\$ 4,440</b>	<b>100%</b>	<b>%</b>	<b>\$ 4,364</b>	<b>100%</b>	<b>(2)%</b>
<b>Costs and Expenses</b>								
Cost of sales and direct operating (excluding depreciation)	\$ 1,895	43%	\$ 1,848	42%	(2)%	\$ 1,815	42%	(4)%
Sales, marketing and administration	1,057	24%	1,108					