



BUSINESS SOLUTIONS  
TECHNOLOGY  
OUTSOURCING

## Digital Briefing Center Presentation Sources

### Communications & High Tech

#### Communications & Big Data

**74%: Telecom IT executives who say big data has positive impact on rate of innovation**

74% of telecom respondents believe analytics and big data has a positive impact on the rate of innovation, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

**81%: Telecom IT executives who say big data has positive impact on productivity**

81% of telecom respondents believe analytics and big data has a positive impact on productivity and efficiency, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

#### Communications & Cloud

**50%: Projected CAGR of cloud infrastructure from 2013-2017**

IDC predicts that the market for big data will reach \$32B by 2017, growing 6 times faster than the overall IT market. Cloud infrastructure will be the fastest-growing sub-segment of the big data market, with a 2013-2017 CAGR of close to 50%

Source: IDC

<http://www.sensei-iot.org/Presentations/Big%20Data%20CSP%20-%20IoT.pdf>

**99%: Telecom IT executives who report current moderate-to-heavy investments in private cloud**

99% of telecom respondents report moderate-to-heavy investments in private cloud, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

**74%: Telecom IT executives who say cloud is a top priority**

74% of telecom respondents view cloud technology as a high or critical priority over the next 12 months, according to the CSC Global CIO Survey: 2014-2015. Other

industries trend toward greater investments and future plans as well, but less emphatically than telecom in most scenarios.

Source: CSC

<http://www.csc.com/ciosurvey>

## Communications & Applications

### **\$32 Billion: Projected market for big data by 2017**

IDC predicts that the market for big data will reach \$32B by 2017, growing 6 times faster than the overall IT market. Cloud infrastructure will be the fastest-growing sub-segment of the big data market, with a 2013-2017 CAGR of close to 50%

Source: IDC

<http://www.sensei-iot.org/Presentations/Big%20Data%20CSP%20-%20IoT.pdf>

### **68%: Telecom IT executives who say app modernization is a top priority**

68% of telecom respondents report application modernization as a high or critical priority over the next 12 months, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

### **81%: Telecom IT executives who say app modernization has a positive impact on business**

81% of telecom respondents report application modernization has a positive impact on the business, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

## Communications & Cybersecurity

### **\$12.7 Million: Cybersecurity cost for large companies**

For large companies, the average cost of cybercrime has doubled in the past five years, according to the St. Louis Business Journal

Source: St. Louis Business Journal

<http://www.bizjournals.com/stlouis/blog/biznext/2014/10/for-average-big-business-cybersecurity-costs-reach.html>

### **14% of confirmed data breaches due to employees, not hackers**

Edward Snowden's breach of volumes of sensitive government secrets underscores the vulnerability of organizations to threats from insiders, including system administrators, according to the National Journal.

Source: National Journal

<http://www.nationaljournal.com/tech/why-insiders-not-hackers-are-the-biggest-threat-to-cybersecurity-20130610>

## Communications & Mobility

### **10 billion: Mobile devices connected to the Internet by 2018**

More than 10 billion mobile devices will be connected to the Internet by 2018 - exceeding the world's population - and monthly global mobile data traffic will surpass 15 exabytes, according to Cisco.

Source: Cisco Systems

[http://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/white\\_paper\\_c11-520862.html](http://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/white_paper_c11-520862.html)

### **70%: IT executives who say mobility improves productivity**

70% of respondents say enterprise mobility is vital to improving productivity and enabling faster innovation, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

### **41%: Employees say their jobs depend on accessing data remotely**

41% of employees surveyed say their jobs literally depend on their ability to remotely access files and data, according to a CSC study.

Source: CSC Personalizing the Workplace Experience report

[http://www.csc.com/next\\_gen\\_workplace](http://www.csc.com/next_gen_workplace)

## **Public Sector**

### **Civil**

#### **\$107 billion: Spending on public IT cloud services by 2017**

Recent IDC cloud research shows that spending on public IT cloud services will reach \$47.4 billion in 2013 and is expected to be more than \$107 billion in 2017. Over the 2013–2017 forecast period, public IT cloud services will have a compound annual growth rate (CAGR) of 23.5%, five times that of the industry overall.

Source: IDC

<http://www.idc.com/prodserv/FourPillars/Cloud/index.jsp;jsessionid=B83DBDB5F9795DCA78FFAA2D2ECD327C>

#### **65%: Government IT executives who view cybersecurity as a top priority**

65% of IT executives in the public sector see cybersecurity as a high or critical priority over the next 12 months, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

#### **72%: Government IT executives who say big data has positive impact on productivity**

72% of public sector respondents believe analytics and big data has a positive impact on productivity and efficiency, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

## Defense

### **36%: Government agencies who say they have a shortage of I.T. security skills**

According to Entrepreneur.com, looking across various industries, 36 percent of government agencies say they have a problematic shortage of IT security skills, followed by 29 percent of manufacturing companies and 28 percent of financial services firms.

Source: Entrepreneur.com

<http://www.entrepreneur.com/article/235731>

### **60%: Government IT executives who view app modernization as a top priority**

60% of IT executives in the public sector see application modernization as a high or critical priority over the next 12 months, according to the CSC global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

### **78%: of an organization's apps expected to be upgraded, replaced or retired**

78% of an organization's application portfolio is expected to be impacted by upgrades, replacement or retirement

Source: CSC

[http://www.csc.com/application\\_services](http://www.csc.com/application_services)

### **68%: Government IT executives plan to increase spend on app modernization**

68% of government organization respondents plan on ramping up spend on application modernization or are already investing heavily and expect to continue doing so, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

## Healthcare

### **90%: Healthcare IT executives who say big data has positive impact on productivity**

90% of healthcare respondents believe analytics and big data has a positive impact on productivity and efficiency, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

### **36%: of clinicians collect data bedside via mobile**

36% of clinicians use mobile technologies to collect data at the bedside, according to Health IT Outcomes.

Source: Health IT Outcomes

<http://www.healthitoutcomes.com/doc/of-doctors-view-patient-information-on-mobile-devices-0001>

### **\$450 billion: Healthcare cost reduction potential of Big Data**

Applying big data techniques across the whole of healthcare could reduce healthcare costs by up to \$450 billion, according to the McKinsey Global Institute.

Source: McKinsey Global Institute

[http://www.mckinsey.com/insights/health\\_systems\\_and\\_services/the\\_big-data\\_revolution\\_in\\_us\\_health\\_care](http://www.mckinsey.com/insights/health_systems_and_services/the_big-data_revolution_in_us_health_care)

## Homeland Security

### **1.6 billion: international travelers per year by 2020**

By 2020, international travel will explode to more than 1.6 billion travelers per year. Each will need a passport, many will need visas – all of them will be at risk when they are traveling away from home, according to CSC.

Source: CSC

[http://www.csc.com/public\\_sector](http://www.csc.com/public_sector)

### **4-5%: CAGR of Homeland Security & Public Safety over next 8 years**

Unlike most other government sectors, the 2013-2020 federal, state and local government funding for Homeland Security & Public Safety will grow over the next eight years at a CAGR of 4-5%. This growth is driven by a solid bipartisan congressional support, according to Homeland Security Research.

Source: Homeland Security Research

<http://homelandsecurityresearch.com/2012/09/u-s-homeland-security-public-safety-market-2013-2020/>

### **72%: Government IT executives who say big data has positive impact on productivity**

72% of public sector respondents believe analytics and big data has a positive impact on productivity and efficiency, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

## Mission Services

### **\$93 billion: U.S. federal IT market by 2020**

U.S. federal IT market will surpass \$93 billion by 2020, growing at CAGR 3% in the period 2015-2020, according to Market Research Media.

Source: Market Research Media

<http://www.marketresearchmedia.com/?p=193>

### **\$23.5 billion: Projected growth of global simulation and training market in 2016**

New analysis from IHS Jane reveals that the global Simulation and Training market is projected to grow from approximately \$22 billion in 2013 to a peak for the current forecast period of about \$23.5 billion in 2016, before declining over the out years with a 10-year compound annual growth rate (CAGR) of -3.2%.

Source: IHS Jane

<http://www.slideshare.net/IHS/ih-analysis-opportunities-in-the-defense-simulation-training-market>

# Transportation & Logistics

## Transportation & Applications

### **4x: Increase in mobile app usage by 2017**

The estimated 1.2 billion people worldwide using mobile apps is expected to reach 4.4 billion by the end of 2017, according to Portfolio Research.

Source: PortfolioResearch

<http://www.portioresearch.com/en/major-reports/current-portfolio/mobile-applications-futures-2013-2017.aspx>

### **2x: Spending on transportation applications by 2018**

The advanced transportation control system, and management solutions and applications market is expected to rise at a compound annual growth rate (CAGR) of 15.4% from 2013 to 2018, growing from \$28.09 billion in 2013 to \$57.46 billion by 2018, according to Markets and Markets.

Source: Markets and Markets

<http://www.marketsandmarkets.com/PressReleases/transportation-analytics-system.asp>

### **68%: IT leaders who say app modernization improves rate of innovation**

68% of respondents view application modernization as having a positive impact on the rate of innovation, second only to big data, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

## Transportation & Big Data

### **69%: IT executives who report big data as a top priority**

69% of respondents report analytics and big data as a high or critical priority over the next 12 months, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

### **66%: Growth in urban population by 2050**

By 2050, urban areas are projected to account for over 66 percent of the global population, which has

transportation management planners scrambling for ways to use data to ease traffic congestion today and

in the future, according to 1776.com

Source: 1776.com

<http://1776dc.com/news/2014/10/20/weekly-trend-how-sensors-and-big-data-aim-to-reduce-traffic-congestion/>

## Transportation & Cloud

### **76%: IT executives who report moderate-to-heavy investments in hybrid cloud**

76% of respondents report moderate-to-heavy investments in hybrid cloud technology, according to the CSC Global CIO Survey: 2014-2015.

Source: CSC

<http://www.csc.com/ciosurvey>

### **50%: New Transportation systems delivered in the Cloud**

More than 50 percent of new sourcing and procurement applications, transportation managements systems (TMS), and global trade management (GTM), for example, are currently being delivered in the cloud, according to Logistics Management.

Source: Logistics Management

[http://www.logisticsmgmt.com/article/state\\_of\\_cloud\\_computing\\_skys\\_the\\_limit](http://www.logisticsmgmt.com/article/state_of_cloud_computing_skys_the_limit)

## Transportation & Cybersecurity

### **60,000: Number of exposed control systems found online**

A research team found more than 60,000 exposed control systems online that could grant a hacker full control of energy, chemical and transportation systems. It's a matter of national security on an international scale. In fact, the World Economic Forum now estimates the cost of cyberattacks will surpass \$3 trillion by 2020.

Source: ITNews

<http://www.itnews.com.au/News/369200,hackers-gain-full-control-of-critical-scada-systems.aspx>

### **\$3 trillion: Estimated cost of cyberattacks by 2020**

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Source: ITNews

<http://www.itnews.com.au/News/369200,hackers-gain-full-control-of-critical-scada-systems.aspx>

## Transportation & Mobility

### **40%: airlines and airports with mobile check-in apps**

Over 40% of airlines and airports have implemented mobile check-in apps, with over 80% planning to by 2015, according to Air Transport World. The number of mobile apps offering self-service functionality is increasing dramatically with over 76% of passengers carrying smartphones.

Source: Air Transport World

[http://atwonline.com/sitefiles/atwonline.com/files/archive/atwonline.com/sites/files/misc/SITA\\_Passenger-Self-Service-Survey-2012.pdf](http://atwonline.com/sitefiles/atwonline.com/files/archive/atwonline.com/sites/files/misc/SITA_Passenger-Self-Service-Survey-2012.pdf)

## **24 Billion: Devices connected to the Internet of Things by 2020**

The Internet of things, excluding PCs, tablets and smartphones, will grow to 26 billion units by 2020 – a 30-fold increase from 2009, according to a Gartner press release.

Source: Gartner

<http://www.gartner.com/newsroom/id/2636073>

## **Banking**

### **Banking & Applications**

#### **50%: CIOs who recognize the need for mobile app dev in the next 3 years**

50% of CIOs recognize the need for mobile application development in the next three years, according to a 2013 CSC survey.

Source: CSC

[http://www.csc.com/cio\\_barometer](http://www.csc.com/cio_barometer)

#### **14 Years: Time for Large UK Bank to Gain 2 Million Internet Users**

One major U.K. bank found that while persuading 2 million customers to adopt its internet service took 14 years, 2 million customers adopted its new mobile app in just 2 months.

Source: CSC

<http://www.csc.com/banking>

#### **2 Months: Time for Large UK Bank to Gain 2 Million Mobile App Users**

One Major U.K. bank found that while persuading 2 million customers to adopt its internet service took 14 years, 2 million customers adopted its new mobile app in just 2 months.

Source: CSC

<http://www.csc.com/banking>

### **Banking & Big Data**

#### **\$10 billion: Value of Big Data to retail banks over next 5 years**

The value of Big Data to the retail banking industry is estimated at more than 10 billion dollars over the next five years, according to bankingtech.com.

Source: Banking Technology

<http://www.bankingtech.com/58812/unlocking-the-potential-of-big-data/>

#### **13%: average annual bank customer churn**

The average bank loses 13 percent of its customers each year, according to the Bank Administration Institute.

Source: The Bank Administration Institute

[http://www.aghlc.com/downloads/2013/2013\\_06\\_BankInsight\\_Eight%20ways%20for%20your%20financial%20institution%20to%20boost%20performance%20now.pdf](http://www.aghlc.com/downloads/2013/2013_06_BankInsight_Eight%20ways%20for%20your%20financial%20institution%20to%20boost%20performance%20now.pdf)

#### **Over \$14 Billion: expected market for big data technologies in 2014**

Spending on big data technologies and services will grow by 30% in 2014, surpassing \$14 billion, according to an IDC press release.

Source: IDC

<http://www.idc.com/getdoc.jsp?containerId=prUS24472713>

## Banking & Cloud

### **705 CIOs: Say Cloud Computing is #2 challenge in next 3 years**

705 CIOs say that cloud computing is the #2 challenge in the next 3 years, according to a 2013 CSC survey.

Source: CSC

[http://www.csc.com/cio\\_barometer](http://www.csc.com/cio_barometer)

### **4.5%: of total IT budgets banks spend on cloud sourcing**

Banks will spend 4.5% of their total IT budgets on cloud sourcing (Platform infrastructure and Software as a Service) during 2014, according to the Corporate Executive Board.

Source: Corporate Executive Board

<http://executiveboard.com>

## Banking & Cybersecurity

### **45%: of banks are nearly 3 times more likely to be victims of cybercrime**

45% of banks are nearly 3 times more likely than other companies to be victims of cybercrime, according to CSC.

Source: CSC

<http://www.csc.com/banking>

### **IT Security: biggest challenge facing CIOs in the next 3-5 years**

Cybersecurity is the biggest challenge facing CIOs in the next 3-5 years, according to CSC's 2014-2015 Global CIO Survey.

Source: CSC

<http://www.csc.com/ciosurvey>

## Banking & Mobility

### **40 billion: Connected devices worldwide by 2020**

There will be about fifteen billion devices connected by 2015, and around forty billion devices by 2020, according to Forbes.

Source: Forbes

<http://www.forbes.com/sites/quora/2013/01/07/how-many-things-are-currentlyconnected-to-the-internet-of-things-iot/>

### **40%: mobile broadband growth between 2010 and 2013**

Mobile-broadband subscriptions have grown 40 percent annually over the last three years, according to mobiForge.

Source: mobiForge.com

<http://mobiforge.com/research-analysis/global-mobile-statistics-2014-home-all-latest-stats-mobileweb-apps-marketing-advertising-subscriber>

### **37%: of consumers use mobile payment**

Approximately one-third (37.2%) of respondents reported using a mobile payment method of some kind, but that is a relatively modest gain over the last survey, according to an IDC press release.

Source: IDC

<http://www.idc.com/getdoc.jsp?containerId=prUS24809314>

## **Cross-Industry**

### **Cross-Industry & Cybersecurity**

#### **60%: of organizations are unprepared for security breaches**

A recent survey of U.S. organizations found that only 41 percent had the tools, personnel and funding to prevent breaches, according to the Ponemon Institute.

Source: Ponemon Institute

<http://www.ponemon.org>

#### **\$250 billion: is lost in stolen intellectual property annually**

\$250 billion is lost annually in stolen intellectual property, according to the National Security Agency

Source: Greeley Tribune

<http://www.greeleytribune.com/news/10882084-113/cyber-oil-attacks-security>

#### **IT Security: biggest challenge facing CIOs in the next 3-5 years**

Cybersecurity is the biggest challenge facing CIOs in the next 3-5 years, according to CSC's 2014-2015 Global CIO Survey.

Source: CSC

<http://www.csc.com/ciosurvey>

### **Cross-Industry & Applications**

#### **78%: of an organization's apps expected to be upgraded, replaced or retired**

78% of an organization's application portfolio is expected to be impacted by upgrades, replacement or retirement, according to a 2013 CSC survey.

Source: CSC

[http://www.csc.com/cio\\_barometer](http://www.csc.com/cio_barometer)

#### **50%: CIOs who recognize the need for mobile app dev in the next 3 years**

50% of CIOs recognize the need for mobile application development in the next 3 years, according to a 2013 CSC survey.

Source: CSC

[http://www.csc.com/cio\\_barometer](http://www.csc.com/cio_barometer)

#### **Years to weeks: App development time shrinks**

The time required for application development has shrunk from years to weeks, according to CSC.

Source: CSC

[http://www.csc.com/application\\_services](http://www.csc.com/application_services)

## Cross-Industry & Big Data

### **4300%; Data generation increase by 2020**

CSC experts predict a 4300% increase in annual data generation by 2020.

Source: CSC

[http://www.csc.com/big\\_data/flxwd/83638](http://www.csc.com/big_data/flxwd/83638)

### **705 CIOs: Say Big Data Solutions is #1 priority for improving operational performance**

705 CIOs say big data solutions is the #1 priority for improving operational performance, according to a 2013 CSC survey.

Source: CSC

[http://www.csc.com/cio\\_barometer](http://www.csc.com/cio_barometer)

### **80%: of data is stored by enterprises**

Nearly half of respondents said it was crucial to know where their data lies in the cloud, and 80 percent are storing data in two or more locations, according to a Web Host Industry Review survey.

Source: Web Host Industry Review

<http://www.thewhir.com/web-hosting-news/enterprises-spend-25-percent-of-it-budgets-on-datastorage-navisite-study>

## Cross-Industry & Cloud

### **\$100 Billion: predicted market for cloud in 2014**

Cloud spending, including cloud services and the technology to enable these services, will surge by 25% in 2014, reaching over \$100 billion, according to an IDC press release.

Source: IDC

<http://www.idc.com/getdoc.jsp?containerId=prUS24472713>

### **One third: Of all data will live in or pass through the cloud by 2020**

By 2020, more than one-third of all digital information created annually will either live in or pass through the cloud, according to CSC.

Source: CSC

[http://www.csc.com/big\\_data/flxwd/83638](http://www.csc.com/big_data/flxwd/83638)

### **705 CIOs: Say Cloud Computing is #2 challenge in next 3 years**

705 CIOs say cloud computing is the #2 challenge in the next 3 years, according to a 2013 CSC survey.

Source: CSC

[http://www.csc.com/cio\\_barometer](http://www.csc.com/cio_barometer)

## Cross-Industry & Mobility

### **40 billion: Connected devices worldwide by 2020**

The number of connected devices will nearly triple between 2015 and 2020, reaching 40 billion devices worldwide, according to CSC.

Source: CSC

[http://www.csc.com/insurance/publications/91630/108997-for\\_insurers\\_mobility\\_is\\_just\\_part\\_of\\_a\\_digital\\_future](http://www.csc.com/insurance/publications/91630/108997-for_insurers_mobility_is_just_part_of_a_digital_future)

### **2.5: Average number of mobile devices used by employees**

Mobility is creating a complex IT ecosystem. Employees use an average of 2.5 mobile devices per day, according to a CSC study.

Source: CSC

[http://www.csc.com/workplace\\_services/insights/103753-why\\_your\\_boss\\_is\\_cool\\_with\\_byod](http://www.csc.com/workplace_services/insights/103753-why_your_boss_is_cool_with_byod)

## **Health Care**

### **Health Care & Applications**

#### **78%: of an organization's apps expected to be upgraded, replaced or retired**

78% of an organization's application portfolio is expected to be impacted by upgrades, replacement or retirement, according to CSC.

Source: CSC

[http://www.csc.com/application\\_services/insights/104865-](http://www.csc.com/application_services/insights/104865-)

#### **70%: of IT budget spent on existing systems**

70% of IT spending is on maintaining and upgrading existing systems, according to Forbes.

Source: Forbes

<http://www.forbes.com/sites/quora/2013/01/07/how-many-things-are-currentlyconnected-to-the-internet-of-things-iot/>

### **Healthcare & Big Data**

#### **50%: hospitals using advanced analytics by 2016**

Half of hospitals will be using advanced analytics by 2016, compared to 10% today, according to a Frost and Sullivan press release.

Source: Frost and Sullivan

<http://www.frost.com/prod/servlet/press-release.pag?docid=265030388>

#### **\$450 billion: Healthcare cost reduction potential of Big Data**

Applying big data techniques across the whole of health care could reduce healthcare costs by up to \$450 billion, according to the McKinsey Global Institute.

Source: McKinsey Global Institute

[http://www.mckinsey.com/insights/health\\_systems\\_and\\_services/the\\_bigdata\\_revolution\\_in\\_us\\_health\\_care](http://www.mckinsey.com/insights/health_systems_and_services/the_bigdata_revolution_in_us_health_care)

#### **\$100 billion: Annual value of Big Data use in pharma**

Applying big-data strategies to the pharmaceutical industry could generate up to \$100 billion in value annually across the US health-care system, according to the McKinsey Global Institute.

Source: McKinsey Global Institute

[http://www.mckinsey.com/insights/health\\_systems\\_and\\_services/how\\_big\\_data\\_can\\_revolutionize\\_pharmaceutical\\_r\\_and\\_d](http://www.mckinsey.com/insights/health_systems_and_services/how_big_data_can_revolutionize_pharmaceutical_r_and_d)

## Healthcare & Cloud

### **20.5%: cloud computing growth in healthcare from 2012-2017**

The market for cloud computing in healthcare will grow at a CAGR of 20.5% from 2012 to 2017, according to a Markets and Markets.

Source: Markets and Markets

<http://www.marketsandmarkets.com/Market-Reports/cloud-computing-healthcare-market-347.html>

### **58%: healthcare execs who say cloud is important**

58 percent of the nation's leading healthcare execs place a high importance in cloudbased

technologies even though the industry is still greater than 70 percent paperbased, according to a Porter Research press release.

Source: Porter Research

<http://investors.covisint.com/releasedetail.cfm?ReleaseID=792995>

### **70%: hospitals remain paper based**

More than 70 percent of hospitals surveyed still receive more than 80 percent of their invoices in paper format, and resolving matching errors and exceptions are their most challenging tasks, according to a Siemens study.

Source: Siemens

<http://usa.healthcare.siemens.com/>

## Health Care & Cybersecurity

### **\$50: Black Market Value of Health Record**

According to NBC News, a typical medical record will sell for about \$50 per record

Source: NBC News

<http://www.nbcconnecticut.com/troubleshooters/Your-Medical-Records-Arent-As-Private-As-You-Think-258193341.html>

### **67 million: Medical records stolen in past 5 years**

The U.S. Department of Health and Human Services says that since it started keeping records in 2009, the medical records of between 27.8 million and 67.7 million people have been breached.

Source: Department of Health and Human Services

## Health Care & Mobility

### **70%: of clinicians access patient data via mobile**

70% of clinicians use mobile devices to access patient data, according to Health IT Outcomes.

Source: Health IT Outcomes

<http://www.healthitoutcomes.com/doc/of-doctors-view-patient-information-on-mobile-devices-0001>

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<http://www.healthitoutcomes.com/doc/of-doctors-view-patient-information-on-mobiledevices-0001>

**88%: of organizations have or are developing a mobile technology plan**  
88% of organizations have or are developing a mobile technology plan, according to CSC.

Source: CSC

[http://www.csc.com/application\\_services](http://www.csc.com/application_services)

## **Insurance**

### **Insurance & Applications**

#### **4.4 billion: mobile app users by 2017**

Portio Research forecasts that over the period 2012-2017, the number of apps users will grow at a CAGR of 29.8 percent, to reach 4.4 billion users by the end of 2017, 4 times as many apps users as there are today.

Source: Portio Research

<http://www.portioresearch.com/en/major-reports/current-portfolio/mobile-applications-futures-2013->

#### **70%: of IT budget spent on existing systems**

70% of IT spending is on maintaining and upgrading existing systems, according to Forbes.

Source: Forbes

<http://www.forbes.com/sites/gilpress/2013/07/10/digital-marketing-battlefield-mapcmo-vs-cio-and-gartner-vs-forrester/>

### **Insurance & Big Data**

#### **5x: Cost of acquiring a new insurance customer**

Acquiring a new customer can cost as much as five times more than satisfying current customers, according to Marketing Profs.

Source: MarketingProfs

<http://www.marketingprofs.com/5/bower5.asp>

#### **32%: insurers unprepared for Big Data**

Many insurers feel inadequately prepared for the rise of social media (29%), big data (32%), and future needs for talent attraction and retention (33%), according to a Towers Watson study.

Source: Towers Watson

<http://www.theactuary.com/news/2013/06/insurers-unprepared-for-social-mediamegatrends-survey-finds/>

### **Insurance & Cloud**

#### **32%: of insurers plan to replace existing cloud technology by 2017**

32 percent of insurers plan to replace their existing cloud technology by 2017,

according to Sungard Financial Systems.

Source: Sungard Financial Systems

[http://financialsystems.sungard.com/account/accountsignin?  
returnUrl=/~/media/fs/insurance/resources/reports/STUCKAL%20-](http://financialsystems.sungard.com/account/accountsignin?returnUrl=/~/media/fs/insurance/resources/reports/STUCKAL%20-)

### **One half: the time Cloud saves in service creation**

Employing a Cloud Empowered Enterprise will reduce time to create new business services and applications by up to 50%, according to CSC

Source: CSC

<http://www.csc.com/cloud>

### **70%: cycle time and labor saved by cloud**

Employing a Cloud Empowered Enterprise will reduce cycle time and labor required to package applications, services and infrastructure by 70% or more, according to CSC.

Source: CSC

[www.csc.com/cloud](http://www.csc.com/cloud)

## **Insurance & Cybersecurity**

### **60%: of organizations are unprepared for security breaches**

6 out of 10 U.S. organizations are unprepared for a security breach. The same survey found that only 41% had the tools, personnel and funding to prevent breaches.

Source: Ponemon Institute

<http://www.ponemon.org>

### **\$114 billion: Annual U.S. cybercrime losses**

A Norton study calculates that, for the first time, global cybercrime will cost \$114 billion annually.

Source: Norton

[http://www.symantec.com/about/news/release/article.jsp?prid=20110907\\_02](http://www.symantec.com/about/news/release/article.jsp?prid=20110907_02)

### **\$250 billion: is lost in stolen intellectual property annually**

According to the American Society for Industrial Security, American businesses are losing \$250 billion a year from intellectual property theft since the mid-1990's.

Source: American Society for Industrial Security

<http://www.iplawalert.com/2011/11/articles/e-commerce/risky-business-cybercrimein-the-new-economy/>

## **Insurance & Mobility**

### **12%: expected smartphone sales growth in 2014**

The mobile device onslaught will continue in 2014 with sales of tablets growing by 18% and smartphones by 12%, according to an IDC press release.

Source: IDC

<http://www.idc.com/getdoc.jsp?containerId=prUS24472713>

### **40 billion: Connected devices worldwide by 2020.**

The number of connected devices will nearly triple between 2015 and 2020, reaching 40 billion devices worldwide.

Source: CSC

<http://www.csc.com/insurance/publications/91630/108997>

## **Manufacturing**

### **Manufacturing & Cybersecurity**

#### **60,000+: number of exposed control systems online in 2014**

A Positive Research team found more than 60,000 exposed control systems online that could grant a hacker full control of automotive, industrial, aerospace and chemical systems.

Source: Positive Research

#### **1 Year: Average age of undetected threats**

The average age of undetected threats in one year, according to CSC.

Source: CSC

<http://www.csc.com/cybersecurity>

### **Manufacturing & Applications**

#### **50%: CIOs who recognize the need for mobile app dev in the next 3 years**

50% of CIOs recognize the need for mobile application development in the next 3 years, according to a 2013 CSC survey.

Source: CSC

[http://www.csc.com/cio\\_barometer](http://www.csc.com/cio_barometer)

#### **70%: of IT budget spent on existing systems**

70% of IT spending is on maintaining and upgrading existing systems, according to Forbes.

Source: Forbes

<http://www.forbes.com/sites/gilpress/2013/07/10/digital-marketing-battlefield-map-cmo-vs-cioand-gartner-vs-forrester/>

### **Manufacturing & Big Data**

#### **67 GB: Jet engine data generated in 1 day**

One day of flight time for one engine on a U.S. Navy aircraft generates 67 gigabytes of data for flight analysis, predictive maintenance and design, according to CSC.

Source: CSC

[http://www.csc.com/big\\_data](http://www.csc.com/big_data)

#### **\$15 Trillion: Expected amount M2M systems will add to global GDP over next 20 years**

Increased productivity from M2M systems and data analytics is expected to add \$15 trillion to the global gross domestic product over the next 20 years, according to Carbon War Room.

Source: Carbon War Room

<http://www.carbonwarroom.com>

#### **24 Billion Units: Projected growth of the Internet of things by 2020**

The Internet of things, excluding PCs, tablets and smartphones, will grow to 26 billion units by 2020, a 30-fold increase from 2009, according to mobile industry trade group Groupe Speciale Mobile Association.

Source: Gartner

<http://www.gartner.com/newsroom/id/2636073>

## Manufacturing & Cloud

### **2x: Cloud-based SaaS apps growth predicted in manufacturing**

Cloud-based SaaS applications used in manufacturing and distribution are expected to more than double, according to Forbes.

Source: Forbes

<http://www.forbes.com/sites/louiscolumbus/2012/11/08/cloud-computing-andenterprise-software-forecast-update-2012/>

### **\$948 billion: Cost to manage all Machine-to-Machine systems by 2020**

Machine Research projects it will cost \$948 billion to manage all Machine-to-Machine systems by 2020.

Source: Machine Research

[https://machinaresearch.com/static/media/uploads/machina\\_research\\_press\\_release\\_m2m\\_global\\_forecast\\_analysis\\_2010\\_20.pdf](https://machinaresearch.com/static/media/uploads/machina_research_press_release_m2m_global_forecast_analysis_2010_20.pdf)

## Manufacturing & Mobility

### **77%: construction workers accessing data via mobile at job site**

A survey of construction firms showed that 77 percent used mobile devices to access company information while on the job site, according to Sage North America.

Source: Sage North America

[https://na.sage.com/~media/site/sagena/documents/surveys/MobileSurvey\\_Construction.pdf](https://na.sage.com/~media/site/sagena/documents/surveys/MobileSurvey_Construction.pdf)

### **2.5: Average number of mobile devices used by employees**

Mobility is creating a complex IT ecosystem. Employees use an average of 2.5 mobile devices per day, according to a CSC study.

Source: CSC

[http://www.csc.com/mobility\\_services](http://www.csc.com/mobility_services)