



# Five Critical Areas of IT That are Transforming Business Today

Business and information technology can't be looked at as individual entities any longer. Any new idea or any new innovation won't be achieved without technology as the principal driver. Accenture said it best in their 2014 Accenture Technology Vision Report: "IT strategy and business strategy are no longer separate; they have become inseparable. It's the kind of mindset that we see across the digital spectrum."<sup>1</sup>

According to the Accenture CEO Briefing 2014: Competing in a Digital World, 70% of surveyed companies planned to use technology to drive process efficiencies, while 46% viewed technology as "central to expanding sales, opening new sales channels, or creating new products and services."<sup>2</sup>

Amidst the vast IT infrastructure landscape, there are certain strategic areas of focus that loom larger than others to advance new business. These are the areas that business leaders must prioritize to ensure that their workforce is equipped to compete in a demanding marketplace.

In this white paper, we will take a look at the state of affairs for five areas of the IT infrastructure—network solutions, wireless and mobility, unified communication and collaboration, data center solutions, and advanced security—which play pivotal roles in driving and sustaining digital business performance. We will also reveal how our services can help businesses with limited resources stay current with emerging digital technologies and processes without overextending their staff and budget.

1. [http://www.accenture.com/microsite/it-technology-trends-2014/Documents/TechVision/Downloads/Accenture\\_Technology\\_Vision\\_2014.pdf](http://www.accenture.com/microsite/it-technology-trends-2014/Documents/TechVision/Downloads/Accenture_Technology_Vision_2014.pdf)  
2. <http://www.accenture.com/SiteCollectionDocuments/PDF/Accenture-Global-Agenda-CEO-Briefing-2014-Competing-Digital-World.pdf>



## The Age of Wireless & Mobile Devices

Today's workforce is largely unplugged and unwired, and that's just how they prefer it. TechRadar discussed growing employee demand for mobile devices, which are used freely both at work and outside of the office.<sup>3</sup> Tablet usage in particular is expected to increase within large and small businesses and across the public sector. The expectation is that these devices will be used to tap into workplace applications and content they need from any device, regardless of the OS setup and without network or compatibility issues.

**How CSPi Technology Solutions Can Help Your Business Keep Up:** With our unique discovery/assessment, planning/design, implementation, and support, we can help configure and deploy mobile and wireless capabilities that are best suited for everyday usage needs. From supporting remote workers, to powering office workers who need to work untethered from their desks, we'll align the right mobile strategy to ensure productivity doesn't take a hit.

## Unified Communications & Collaboration Connects People & Resources

The proliferation of mobile and wireless device usage is also having a profound impact on the evolution of unified communications. Workers aren't tied to one or two devices. They can be tied to five or six devices (as a conservative estimate) that support a wide range of communication applications—email, video, phone systems, instant messenger, and other collaboration tools. Unified Communications and Collaboration (UCC) efficiently brings all of those devices together through a single platform.

**How CSPi Technology Solutions Technology Solutions Brings UCC to Your Business:** We are at the forefront of the latest UCC technology practices. Our professional services will help your organization combine best-in-class UCC technology with our four-step deployment process to ensure that even the most heterogeneous communication environments are simplified and streamlined.

## Security Binds Your Business Together

With all of technology advancements that are taking place, security is becoming even more critical to fortify. While the proliferation of mobile, wireless, and unified communications is creating new efficiencies, it also invites newer, more sophisticated threats that can endanger an entire network.

Organizations need to balance the adoption of emerging technologies with more robust security that can stand up to threats that come from various places – including social media, publicly accessed mobile applications, and sites that attract malware. In fact, according to WatchGuard, behind the growing possibility of cyber espionage, malware is the second biggest security concern users need to be aware of.<sup>4</sup>

**How CSPi Technology Solutions Can Help Your Business Tackle Security Complexity:** We will work with your organization to identify the security controls you need to achieve your core business and technology objectives. We will strategically align security standards and policies to your current technology usage requirements. Through acquisition, development, management, and audit, our process involves partnering with best-of-breed security vendors and taking a risk-based approach based on security authentication, application aware firewalls, and data loss prevention.

3. <http://www.techradar.com/us/news/world-of-tech/business-trends-for-2015-the-mobile-workforce-and-byod-maturing-1279975>

4. <http://www.bsminfo.com/doc/watchguard-trends-into-what-what-worry-about-0001>

## Data Center Solutions

Traditional data centers have transformed from hardware-heavy and energy-dependent environments to agile and energy-efficient spaces. The rapid adoption of virtualization and cloud has played a major role in this transformation process. Designing and architecting a future-proof data center demands the vision to deploy modular hardware (converged infrastructure) and software-defined computing technology to foster growth, sustainability, and storage efficiency. Without these changes in place, data centers will turn into capital expense black holes.

**How CSPi Technology Solutions Can Cost-Effectively Modernize Data Centers:** Upgrading data center capabilities to increase flexibility and scalability doesn't have to be a costly endeavor. We will help map out a data center architecture strategy that is customized to your present and future IT performance needs.

## Network Needs Trump All

The discussion of advancing mobile, wireless, UC, and data center capabilities can't even begin without understanding if the network is primed properly. Users count on their networks to handle the rugged demands of high-performing IT infrastructure demands – without absorbing security breaches that could threaten availability and service requirements.

**How CSPi Technology Solutions Can Protect Your Network:** Network infrastructure design and configuration needs to be approached from every angle. We assess network strengths and weaknesses from the physical, bridge/switch, routing, and application layers. Based on our findings, we provide services to help our customers maintain uptime, proactively resolve issues, and maximize network resource utilization.

## About CSPi Technology Solutions

CSPi Technology Solutions (NASDAQ: CSPI) is a global provider of innovative technology solutions, which include advanced security, wireless and mobility, unified communications and collaboration, data center solutions, network solutions, and managed services. CSPi Technology Solutions Technology Solutions works with the world's leading IT software and infrastructure companies to create solutions for the unique IT requirements of its customers.

Our process involves:



To learn more about our services, contact us at 800-940-1111.