

A large, light gray, stylized letter 'A' serves as a background for the main text. It has a thick, blocky appearance with a slight shadow effect.

Atos & Intel better together

Technology innovation,
solutions and services

New technologies are changing how we work

New technologies are rapidly changing how we work and how organizations provide IT services. The increasing use of mobile devices and rising adoption of cloud-based computing services are enabling more employees to conduct a full range of work functions anytime, anywhere. New modes of communication, from instant messaging to social media, are helping to create a more agile, real-time user experience.

In the data center, shifts first to virtualization and then to private clouds and service-oriented architectures have helped improve IT flexibility and reduce costs. Solutions for analyzing big data are helping business users generate new insights from the growing volume, variety and velocity of information available.

These changes offer tremendous opportunities, but they can also present significant challenges. For example, organizations need to standardize their client systems and establish strategies to support a wide array of personally owned mobile devices while securing enterprise data. IT groups need ways to provide centralized remote management for client systems to effectively support a global workforce while controlling costs. In addition, many organizations will need to re-architect their infrastructure to provide the IT agility that businesses require while accommodating a rapidly increasing demand for technology resources.

Together, Atos and Intel are helping organizations address these challenges. Through joint initiatives and collaborative engagements, Atos and Intel are enabling organizations to transform the workplace, improve mobile productivity, streamline management of client systems, capitalize on cloud-based services and more. It is a robust collaborative relationship that delivers important benefits to a wide range of organizations.

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Collaboration drives innovation

Atos

Atos is an international IT services company with 77,100 employees in 52 countries. Serving a global client base, Atos delivers IT services in three domains: Consulting & Technology Services; Systems Integration and Managed Services & BPO; and transactional services, through Worldline. Drawing on deep technology expertise and industry knowledge, Atos works with clients in manufacturing, retail and services; the public sector; healthcare and transports; financial services; and telecommunications, media and utilities.

Atos is focused on business technology that powers progress and helps organizations to create the firm of the future. It is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and is quoted on the NYSE Euronext Paris market. Atos operates under the brands Atos, Atos Consulting & Technology Services, Worldline and Atos Worldgrid.

Intel

Intel today has more than 100,000 employees in 63 countries and serves customers in more than 120 countries. The company designs and manufactures a variety of essential technologies, including microprocessors and chipsets plus the additional hardware, software and related services that together serve as the foundation for many of the world's computing devices.

Over the last decade, Intel has evolved from a company primarily serving the PC industry to one that increasingly provides the vital intelligence inside all computing systems. In fact, one-third of the company's revenue is associated with products beyond the PC. Hardware and software products by Intel and subsidiaries, such as McAfee, power the majority of the world's data centers, connect hundreds of millions of cellular handsets, and help secure and protect computers, mobile devices, and corporate and government IT systems. Intel technologies are also inside intelligent systems, such as in automobiles, automated factories and medical devices.

Recognizing the value of business alliances

Alliances drive innovation and help improve competitive differentiation. Atos and Intel work together to collect customer feedback and identify evolving customer needs. Using that customer information, Intel develops new, innovative technologies and Atos works to create new services that address customer challenges and goals. Through the close relationship, Atos can rapidly introduce new Intel® technologies and establish credentialed service offerings that help differentiate the company in the competitive IT services marketplace.

Atos and Intel have an alliance of equals. Atos offers, supports and promotes Intel technology because Atos recognizes the tremendous value that Intel technology can provide in achieving today's business and IT goals.



“In the global economy, it's almost impossible for a company to do anything by itself. Companies need to forge alliances to bolster their expertise.”

John Minnick, Director,
Global Strategic Technology Partner Team,
Atos

Remote management and cloud computing

Tracking trends and establishing thought leadership

With the technology and business landscape changing so rapidly, Atos has a responsibility to think one step ahead, anticipating coming business and technology opportunities and addressing challenges. Atos engages in thought-leadership programs, such as the Intel Developer Forum, that aim to share information about emerging trends, business needs and technologies. By anticipating trends, Atos helps clients make key strategic decisions about their organization's technology infrastructure.

Atos and Intel also jointly participate in key industry conferences and events every year, including VMworld, EMC World, CES, TechEd, SAP's Sapphire Now, Gartner conferences and more. Together, Atos and Intel give presentations, conduct mini-conferences and co-sponsor booths on the show floor, all in an effort to engage customers, garner information about customer challenges and introduce new, innovative solutions.



Streamlining client management with Intel® vPro™ technology

The globalization of enterprises has helped business reach new geographic markets, but this often presents a challenge to the IT groups that must support a widely dispersed fleet of client systems used by employees. In many cases, IT groups must dispatch technicians to the desk (possibly many miles away) or require users to send systems to a central location to resolve problems; both possibilities can be costly and time-consuming. Attempting to discover, inventory and patch dispersed systems can be similarly costly and labor-intensive, and also prone to errors. Atos and Intel are also working together to streamline client systems management by helping organizations activate the Intel® vPro™ technology available with systems based on Intel® Core™ vPro™ processors. By activating Intel vPro technology, Atos enables IT groups to remotely manage large, geographically dispersed client systems from a centralized location. Administrators can conduct a wide range of tasks, including:

- Discovery, asset inventory and provisioning
- Diagnostics and problem resolution
- Patching and updating
- Remote energy management

Technicians can even discover and manage client systems whose operating systems are nonfunctioning.

Organizations that activate Intel vPro technology can accurately discover and inventory systems, rapidly patch and update systems, and quickly diagnose and resolve issues. By conducting management tasks remotely, organizations can minimize downtime and significantly reduce support costs.

Tapping into the cloud with Intel and Atos

As organizations explore the possibility of tapping into hosted and managed clouds, it can be challenging to distinguish between similar offerings from a range of cloud service providers. Intel provides not only the technology foundation on which clouds are built but also a tool for exploring available cloud services. Intel® Cloud Finder was designed to simplify the process of finding and selecting the right cloud service provider—one that meets an organization's specific criteria.

Intel is also teaming up with leading cloud service providers around the world to create the Intel® Cloud Technology program. This initiative gives organizations interested in cloud computing a clear view of the technology powering a cloud provider's infrastructure before those organizations commit to any services.

Atos was one of the first cloud service providers to be included in the Intel Cloud Finder directory, and Canopy, an Atos company, is one of the first cloud service providers to be part of the Intel Cloud Technology program. Canopy offers a full-spectrum cloud strategy, from modeling and realization to orchestrated performance of entire infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS) and software-as-a-service (SaaS) layers. Canopy also provides business processes as a service, adapted for an organization's precise industry and environment. Canopy transforms "the cloud" into an organization's unique, customized cloud, whether it is public, private, hybrid, community, or some combination of these approaches. The goal is to incorporate cloud computing into a business model that fits the entire enterprise. By working with Canopy, organizations can maximize the agility, flexibility and cost savings that cloud computing solutions can deliver.

Ultrabook™ 2 in 1 systems

Transitioning to the Ultrabook™ for the enterprise

To enhance employee mobility and work flexibility, Atos is helping organizations transition to thin, lightweight convertible Ultrabook™ 2 in 1 systems. Many organizations define multiple classes of end-user computing devices, such as standard, standard-plus and high-end workstations. These designations—which are based on functionality, performance and cost—are created to balance user needs with costs.

Improvements in the technology now enable many organizations to employ Ultrabook systems that cover many of the distinct user needs across an enterprise.

Today, Ultrabook systems from Dell, HP and Lenovo, which are equipped with Intel Core vPro processors, can outperform even the highest-performing workstations from a few years ago, delivering the performance needed for mainstream, workstation/engineering and executive tasks (see figure 1).

Ultrabook systems also benefit from a range of additional Intel technologies to deliver the mobility, security, management and reliability required for enterprise deployments. When organizations adopt Ultrabook systems, employees gain lightweight, flexible systems with exceptional wireless performance and long battery life. IT groups gain built-in remote management capabilities and security

capabilities, the reliability and longevity required for multiyear refresh cycles and the benefits of standardizing on a single platform for a large portion of enterprise users.

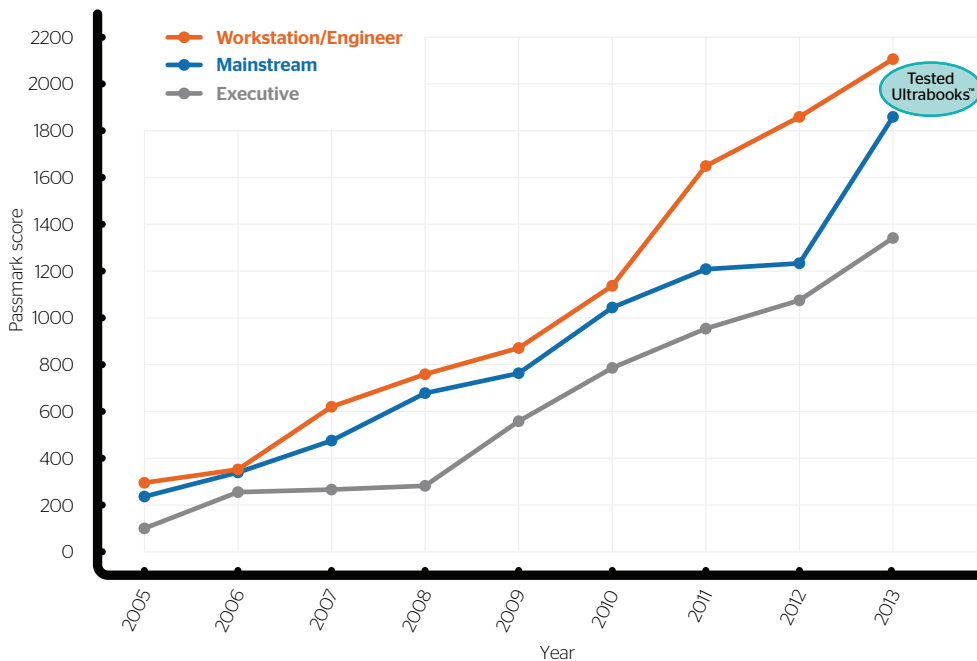
Deploying Ultrabook 2 in 1 systems with the Microsoft Windows® 8.1 operating system in the enterprise helps maximize the flexibility of these convertible systems. Employees can use these systems with a keyboard for traditional PC applications and tasks, while also capitalizing on the touch-based functionality of a tablet when they are on the move.

A multitiered approach to remote client management for Towers Watson

Atos provides service-desk, on-site and cross-functional client computing services for the global consulting firm Towers Watson. To meet rigorous service-level agreements and minimize the cost of providing support to Towers Watson employees around the world, Atos activated Intel vPro technology for more than 18,000 client systems.

Atos implemented a multitiered approach to the new technology, introducing baseline capabilities first to deliver immediate results, cost-effectively, while providing flexibility and scalability for the future. Using Intel vPro technology, Atos improved response times for service requests and reduced the costs of providing outstanding global support.

Figure 1: Ultrabook performance has improved significantly for typical mainstream, workstation/engineering and executive tasks over the last seven years.¹



Workplace transformations

“The latest Ultrabook™ systems provide a compelling compute platform for enterprise IT management plus great mobility features for users. It’s like having the best of both worlds, allowing you to consume when you want and create when you need to in a secure and cost-effective way.”

John Minnick, Director,
Global Strategic Technology Partner Team,
Atos

Evaluating new technologies through the Atos loan and seed program

In cooperation with Intel, Atos offers a loan and seed program so that organizations can evaluate new Ultrabook 2 in 1 systems, tablets based on Intel® processors, the Windows 8.1 operating system and other new technologies before they make large-scale investments for the enterprise. The program was designed to generate interest in new business client computing form factors, encourage organizations to transition to different operating systems and facilitate IT projects based on new applications.

Intel and Atos can introduce organizations to next-generation business client solutions aligned with Intel and Atos technology road maps while also garnering important feedback from organizations that can help spur further innovation. By providing loaned systems from leading hardware vendors, Intel and Atos enable organizations to fully evaluate new platforms and technologies, and run proofs of concept to test specific use cases. The program can help organizations move away from simply performing a desktop refresh and instead create a user-centric environment in which user needs, requirements and experiences with loaned technology inform the selection of new solutions.

Streamlining workplace transformations with Atos Workplace Services and Intel technologies

Selecting the right client system platform is an important step in transforming the workplace, but there is often much more to consider. How can organizations maximize employee mobile productivity, accommodate the need for greater work flexibility and take advantage of new technologies such as cloud computing, while controlling costs and management complexity?

Atos Workplace Services are dynamic, comprehensive solutions designed to increase business agility, facilitate collaboration and enhance the end-user experience while reducing operational costs. Based on industry-leading Intel technologies, Workplace Services can help organizations move forward during an era of rapid transformation.

A Workplace Services engagement might involve creating a consumer-ready bring-your-own-device (BYOD) environment, implementing new communication and collaboration tools, or establishing sustainable road maps based on emerging technologies. Atos can also help IT groups enhance cloud readiness, implement new remote management capabilities, deploy



virtualized endpoints, tighten security, create a converged infrastructure and more. Regardless of the specific project, Atos applies industry best practices gleaned from more than 400 major engagements worldwide. Intel technologies play key roles in Atos Workplace Services engagements. For example, Atos might help deploy virtualized endpoints by capitalizing on Intel® Virtualization Technology (Intel® VT), enable remote management by activating Intel vPro technology, enhance security with Intel® Identity Protection Technology and construct a converged next-generation infrastructure with servers and storage based on Intel® Xeon® processors.

Atos Workplace Services can achieve impressive results. For example:

- In cases where Atos takes charge of core workplace services, Atos can often reduce costs by at least 20 percent compared with in-house or more traditional service providers.
- Atos also helps drive down mobile telecommunications costs by as much as 80 percent through the standardized adoption of unified communications.
- By working with Atos, organizations accelerate the time-to-value for new hires.
- Atos also helps improve the efficiency of standardization following mergers and acquisitions.

Looking ahead together

Atos and Intel are committed to helping organizations capitalize on the emerging opportunities and accompanying challenges generated by new technologies. By helping to transform the workplace, improve mobile productivity, tap into the benefits of cloud computing, streamline remote management, create efficient, converged infrastructures and more, Atos and Intel are delivering tangible business and IT benefits to organizations around the world. At the same time, joint marketing and education efforts by Atos and Intel are helping introduce innovative new solutions that are transforming the way we work and the ways in which IT delivers services.

Learn more

Next Generation Remote Management

http://na.atos.net/NR/rdonlyres/99C12512-E1B1-4432-914A-458ACDBAB38C/O/Atos_RemoteEnterprise_WP.pdf

Ultrabooks for the Enterprise

http://na.atos.net/NR/rdonlyres/DCB12B86-6585-4AE0-ACCO-6FA4692A7EA1/O/Atos_Ultrabook_Intel.pdf

Securing the Mobile Enterprise

<http://www.intel.com/content/dam/www/public/us/en/documents/white-papers/anti-theft-securing-themobile-enterprise-white-paper.pdf>

The Intel vPro Technology Reference Guide

[https://downloadcenter.intel.com/Detail_Desc.aspx?agr=Y&DwnldID=21362&keyword="vPro"&lang=eng](https://downloadcenter.intel.com/Detail_Desc.aspx?agr=Y&DwnldID=21362&keyword=)

4th Generation Intel Core vPro Processors

<http://www.intel.com/content/www/us/en/processors/vPro/core-processors-with-vPro-technology.html?cid=sem116p15934&gclid=C1W37r6GmbcCFQUV7AodkDEAqw>

Intel vPro technology—Built-in security for greater protection

<http://www.intel.com/content/www/us/en/architecture-and-technology/vpro/vpro-technology-general.html>

Intel Ultrabook™

<http://www.intel.com/content/www/us/en/sponsors-of-tomorrow/ultrabook.html>

Intel Software Network on Ultrabook

<http://software.intel.com/en-us/ultrabook/>

Intel Cloud Finder

<http://www.intelcloudfinder.com>

Intel Cloud Technology Program

http://newsroom.intel.com/community/intel_newsroom/blog/2014/01/15/intel-joins-forces-with-cloud-service-providers-around-the-world-to-reveal-whats-inside-their-datacenters

“By taking advantage of Intel® technologies, Atos can offer significant benefits to the customers it serves. For example, using Intel® vPro™ technology as part of its Workplace Services offering, Atos is able to deliver value-added services that enterprise customers need and want.”

Yasser Rasheed,

CTO and Director of Architecture Business,
Client Platform Division,
Intel Corporation

About Atos

Atos SE (Societas Europaea) is an international information technology services company with annual 2012 revenue of EUR 8.8 billion and 77,000 employees in 47 countries. Serving a global client base, it delivers Hi-Tech Transactional Services, Consulting & Technology Services, Systems Integration and Managed Services. With its deep technology expertise and industry knowledge, it works with clients across the following market sectors: Manufacturing, Retail & Services; Public sector, Healthcare & Transports; Financial Services; Telecoms, Media & Technology; Energy & Utilities.

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For more information, visit: atos.net

About Intel

Intel (NASDAQ: INTC) is a world leader in computing innovation. The company designs and builds the essential technologies that serve as the foundation for the world's computing devices. For more information, visit: intel.com

For more information visit:
www.na.atos.net

atos.net

¹ Recent PassMark tests recorded by Atos in 2013/14 for Dell* 6430u, HP Folio* 9470M, HP ZBook* 15 and Lenovo X1 Carbon Touch* systems resulted in scores from 1570 to 2154 depending on the processors and memory configured.



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Ultrabook™ products are offered in multiple models. Some models may not be available in your market. Consult your Ultrabook manufacturer. For more information and details, visit <http://www.intel.com/ultrabook>

Intel® Virtualization Technology requires a computer system with an enabled Intel® processor, BIOS and virtual machine monitor (VMM). Functionality, performance or other benefits will vary depending on hardware and software configurations. Software applications may not be compatible with all operating systems. Consult your PC manufacturer. For more information, visit <http://www.intel.com/go/virtualization>

Battery Life: measured using: MobileMark* 2012 Office Productivity on Intel® Core™ i5-4200U processor-based OEM system, Intel® Core™ i5-3317U processor-based OEM system and Intel® Core™2 Duo processor P8600-based OEM system. Performance rating=115 for latest Ultrabook™ vs. 108 for prior gen. vs. 80 for old PC. Battery size normalized to 50Whr.

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