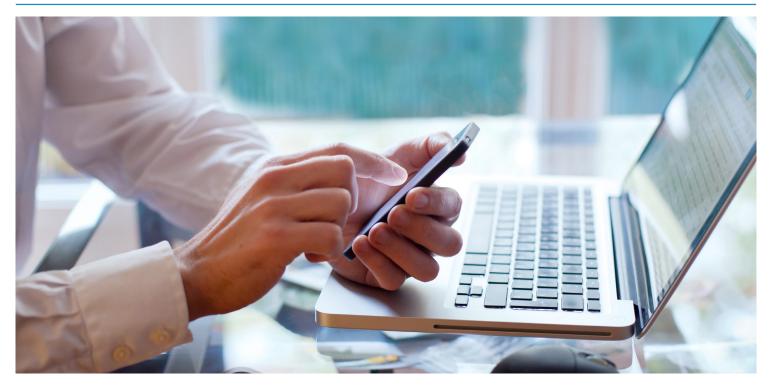Solution brief

the evolution
of the enterprise client experience in brief

Enterprises today are facing new challenges in facilitating employee productivity. They must support an increasingly mobile workforce, deliver the computing performance for a wide range of tasks and offer the flexibility to work in multiple ways. Whether they provide corporate-owned client systems or allow employees to use personal devices in the workplace and beyond, enterprises must also meet employee expectations for ease of use.

In selecting client systems, enterprises must meet rigorous IT requirements. Enterprises need systems that can help secure corporate information and control IT complexity. In the case of corporate-owned systems, client systems must keep costs in check.

Enterprise-class Ultrabook™ devices based on Intel® Core™ vPro™ processors provide a compelling workforce compute solution. Ultrabook 2 in 1 devices bridge the gap between consumer and enterprise devices, offering

thin, lightweight form factors, convertible designs and touch capabilities that differentiate these computers from client systems of the past. Integrated Intel® technologies enable these Ultrabook devices to bolster security, facilitate mobility and streamline administration. Deploying Ultrabook devices with the Microsoft Windows* 8.1 operating system can help address evolving needs and emerging trends, delivering a range of key benefits to users, business groups and IT.

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Meet changing needs

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Reduce the cost of ownership

New Ultrabook 2 in 1 devices—which offer both laptop and tablet functionality—can help organizations significantly reduce the total cost of ownership (TCO) for company-supplied devices by eliminating the need to offer both a laptop and a tablet. With an Ultrabook 2 in 1 device, organizations can reduce:

▶ Hardware acquisition and support plan costs
▶ IT management and security costs
▶ Software purchasing/licensing costs

Adopting Ultrabook 2 in 1 devices also allows organizations to avoid the rapid refresh cycles of consumer tablets. While many consumer-level tablets might begin to develop problems and need to be refreshed every two years, enterprise-level Ultrabook 2 in 1 devices, which are designed for greater longevity, can be refreshed every three or more years.[1]

Meet changing needs

Consumerization is radically changing enterprise IT. Employees today often spend more on technology per person than IT, and they adopt technologies at a faster pace. At the same time, they are working from the office, home, the road and other places using technologies they have at their immediate disposal. They are moving to cloud computing solutions to consume and create on thinner, lighter and more cost-effective devices.

Ultrabook devices address changing needs by offering an appealing solution for employees who are used to consumer technologies, want to use those technologies for work as well as personal functions, and need technologies to be as flexible and mobile as they are. As consumerization, bring-your-own-device (BYOD) programs, cloud computing and other trends continue to evolve, Ultrabook devices will be well positioned to address evolving requirements. The Ultrabook specification is centered on delivering thin, lightweight, highly mobile devices with a long battery life that combine flexible computing approaches with enterprise security.

Deliver exceptional performance

Ultrabook devices also deliver exceptional performance. Testing using PassMark* software shows that Ultrabook devices can deliver performance on par with or better than many of the client systems currently used for enterprises.

Offer a compelling combination: Microsoft Windows 8.1 and Ultrabook devices

Running Windows 8.1 on Ultrabook devices offers significant benefits to users and IT departments. Users gain a consistent experience across platforms, enabling them to move from one device to the next without having to navigate multiple interfaces. Consistent touch capabilities across platforms allow users to employ the same gestures on their smartphones, tablets, PCs and Ultrabook devices.

Windows 8.1 also helps streamline IT management. IT groups gain enterprise-level capabilities for configuring, monitoring and maintaining Ultrabook devices. Intel® vPro™ technology, available with Intel Core vPro processors, provides out-of-band remote management capabilities that allow administrators to inventory assets, deploy patches and updates, diagnose problems and bolster security, even if the system is sleeping.

Looking ahead to future Ultrabook experiences

Recently introduced and future capabilities will further enhance the Ultrabook experience in delivering a user-centric computing experience.

Wire-free computing: Intel® Pro WiDi—introduced with 4th generation Ultrabook devices—helps users connect with display panels, smart whiteboards and other PCs without a dongle or cable. Future Ultrabook devices will help eliminate excess cables at the desk and reduce the need for power cables; users will be able to power Ultrabook devices by setting them on a charging surface or mat.

Location and context: Business-relevant location and context-aware computing will play key roles in emerging Ultrabook devices. New capabilities will help create more dynamic, personal end-user experiences while helping IT to better protect data and platforms.

User-centric data and platform security: Future Ultrabook devices will help simplify authentication. Long, complicated, typed passwords will be replaced by a variety of sensors that determine the user's identity.

Collaboration and productivity: Future Ultrabook devices will help address hurdles that impede collaboration and productivity. Users will be able to more easily send files to people across the table and link Ultrabook devices with the shared smart whiteboard to create a virtual workspace. These devices will also help bring geographically remote colleagues closer together with high-fidelity audio, noise cancellation, clear HD-quality video and more.

Conclusion

Employee demands and enterprise needs are evolving. Ultrabook devices can help address those evolving needs, providing the performance, flexibility and mobility that employees expect and the security, manageability, connectivity and cost-effectiveness that enterprises require.

Atos has the expertise to help plan and deploy enterprise Ultrabook devices to meet your immediate and long-term requirements. We look forward to talking with you about your particular requirements, and helping you streamline solution deployment and management.

Atos Workplace Services are dynamic, comprehensive solutions designed to support the most demanding business needs, increase agility, facilitate collaboration and enhance the end-user experience while reducing operational costs. Based on industry-leading Intel® technologies, Workplace Services can help your organization move forward during an era of rapid transformation. For more information about Workplace Services, visit: na.atos.net/en-us/home/we-do/workplace-services.html

For more information on the Atos and Intel relationship, visit: na.atos.net/en-us/home/we-are/partners-alliances/intel.html

"A real transformation of the computing experience is upon us—from the devices themselves, to how users interact with them, to how they connect to and understand our world. Changes like this don't happen overnight, but the pace at which end users will expect (or demand) these capabilities is going to be much faster than most IT shops are prepared for. Getting everyone to realize the opportunities ahead of them is the critical first step."

Jeffrey Tripp,
Technology and UX Strategy and Planning,
PC Client Group – Business Client Platform Division,
Intel Corporation

"Microsoft Windows 8 and Ultrabook devices provide a seamless platform for mobile computing. I can now be more productive and still access all my corporate applications without switching between different devices."

Daniel G. Silverman,
Enterprise Architect,
WSDS – Workplace Services,
Atos

Learn more

**Intel Ultrabook™ 2 in 1 Convertible—
The Device of Choice**
intel.com/content/www/us/en/sponsors-
of-tomorrow/ultrabook.html

Evolution of the Enterprise Client Experience
www-ssl.intel.com/content/www/us/en/
mobile-computing/mobile-computing-
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Evaluating Ultrabook Devices for the Enterprise
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**Choosing the Right Intel Processor–based
Client System**
intel.com/content/www/us/en/processor-
comparison/how-to-choose-the-right-
processor.html

Microsoft Windows* 8.1
windows.microsoft.com/en-us/windows-8/meet

Windows 8.1 Keyboard Shortcuts
windows.microsoft.com/en-US/windows-8/
keyboard-shortcuts#

Next-Generation Remote Management
www.intel.com/content/www/us/en/it-
management/it-efficiency-next-generation-
remote-management-white-paper.html

Explore Your IT Requirements

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Visit atos.net/workplace

About Atos

Atos SE (Societas Europaea) is an international
information technology services company
with 2013 annual revenue of € 8.6 billion and
76,300 employees in 52 countries. Serving a
global client base, it delivers IT services in
3 domains, Consulting & Technology Services,
Systems Integration and Managed Services &
BPO, and transactional services through
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industry knowledge, it works with clients across
the following market sectors: Manufacturing,
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Atos is focused on business technology that
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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.
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"Even the fastest-
performing
workstations of a
few years ago are no
match for the latest
Ultrabook devices.
Tests show Ultrabook
devices can deliver
strong performance
and are well suited
for all but the most
demanding computing
requirements across
the enterprise."

John J. Minnick,
Senior Director, Global STeP Team,
Innovation, Portfolio, and Architecture,
Atos

[1] For an Intel comparison of consumer- and enterprise-level devices,
see "Evaluating Ultrabook™ Devices for the Enterprise," August 2012,
http://www.intel.com/content/dam/www/public/us/en/documents/
best-practices/evaluating-ultrabook-device-for-the-enterprise.pdf.