**Enterprise Ultrabooks™ in Brief**

"Ultrabooks™ are the way forward for the progressive enterprise."

**Intel® Ultrabook™ for the Enterprise—The CIO Perspective**

Enterprise Ultrabooks™ devices include features that strongly support business usage models. The Intel® Core™ vPro™ processor-based Ultrabook™ is built for business and engineered for security. From an IT standpoint, Ultrabooks meet the requirements of a corporate mobile platform refresh standard. The devices are made to be used in mobile and office environments, designed for multiyear refresh cycles, and have manageability and security built into the platform. They combine portable performance and support for touch-enabled apps with power efficiency, advanced encryption, and protection—enabling user productivity and IT manageability.

**Microsoft Windows 8* and Ultrabooks—a Compelling Combination**

Microsoft has set the stage for the future of the OS. With Windows 8, mobile devices, embedded solutions, servers, handsets, PCs, and Ultrabooks can all run the same OS kernel. This will support enhanced ease of use, as well as connectivity to enterprise applications and services for end users across all platforms. Enabling touch-screen capability provides a consistent user experience across tablets, smartphones, and Ultrabooks.

For the enterprise, a Windows 8 Ultrabook can be easily managed and secured, while providing a great user-friendly interface for daily business computing. Windows 8 on the Ultrabook not only gives the end user a more friendly experience, it also provides enterprise-level technologies to allow the Ultrabook to be configured, monitored, maintained, and retired. Additionally, out-of-band patching and updating provide a secure method to make sure the end user’s Windows 8 operating system is not vulnerable. Application updates, including virus pattern updates, can happen while the Ultrabook is sleeping.

**Consume When You Want. Create When You Need To.**

End-user expectations of compute devices are on the rise. Users are responding to the allure of consumer technologies that are more convenient, easier to use, and change frequently in response to market trends and tastes. The PC industry is in competition with the consumer product industry, each with its own value proposition, but with diametrically opposed benefits and consequences for each constituency it serves. In this tug of war, consumers have successfully secured their right to use their iPads*, iPhones*, and Android* devices by overwhelming IT in sheer numbers. With the release of next-generation Ultrabooks from Intel, the divide between mobile devices and PCs is narrowing. This new class of Ultrabooks for business addresses the security and manageability that IT managers require, along with growing user demands for innovative, thin, light designs combined with full PC productivity. Desired features include instant-on, always-on, always-connected (AOAC) experiences; high performance, extended battery life, and multweek standby.

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Andrew D. Kelemen
CTO and Head of Portfolio, North American Managed Services
Atos

John J. Minnick
Director, Global Head of Strategic Technology Partners (STeP) Team
Innovation, Portfolio, and Architecture
Atos

Daniel G. Silverman
Enterprise Architect, STeP Client Sub-Team Lead, Workplace and Service Desk Services
Atos

Dave Buchholz
Information Technology Principal Engineer, Director of Consumerization
Intel Corporation

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### Enterprise Ultrabook™ Capabilities and Benefits

- Remote management capabilities to support a highly mobile workforce
  - Intel® vPro™ technology supports remote management and information security.
  - Keyboard, Video, and Mouse (KVM) remote control and remote encryption management capabilities help to quickly remediate systems, even with encrypted drives, anytime and anywhere.

- Design that provides for reliability and multiyear refresh cycles
  - Higher-end components contribute to longer battery life, more rugged construction, and ease of use.
  - Built for heavy day-to-day business use.

- Consistent platform and components
  - Intel® Stable Image Platform Program provides consistency and reliability.

- Consistent warranty support and ordering processes
  - Leverage standard purchasing and support processes.

- Flexible, reliable connectivity, anywhere, anytime
  - Reliable, higher performance dual-band (2.4/5GHz), multistream (2x2) Intel® WiFi adapters supporting Intel® vPro™ technology and Intel® Smart Connect Technology. With capabilities such as Intel® Smart Connect Technology, the platform can keep information, such as data stores and emails, in constant synchronization on the endpoint device.

- Support for data synchronization
  - Standard monitor ports for connecting to conference room projectors.
  - Additional USB ports for connecting external keyboards and mice.

- Support for a wide variety of peripheral devices and use cases
  - Intel® Identity Protection Technology (Intel® IPT) with public key infrastructure certificate authentication adds protection against identity theft and unauthorized device and data access.
  - Intel® Anti-Theft Technology (Intel® AT) helps protect against data and asset loss from theft with S3 resume authentication protection.
  - Intel® Trusted Platform Module (Intel® TPM) helps store and protect information.

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The latest Ultrabooks™ provide a compelling compute platform for enterprise IT management, as well as 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 Head of Strategic Technology Partners (STeP) Team, Innovation, Portfolio, and Architecture, Atos

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### Enterprise Ultrabooks™ in Brief
Key Intel® technologies supporting Ultrabooks represent a critical advantage, offering enterprise IT the reliability and support of Intel®-based solutions.

In summary, the Ultrabook provides the stable, predictable footprint IT needs, meets IT needs for refresh, security, and support, and is backed by the Intel® roadmap to support new technologies in upcoming OS releases.

“Ultrabooks™ address the challenges of BYOD for enterprise IT from the ground up by balancing user needs and business requirements. Atos can help you understand how these mobile technologies can be leveraged by your organization to lower operational costs, increase workforce efficiencies, and meet your security requirements.”

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<thead>
<tr>
<th>Intel® Ultrabook™ Technology</th>
<th>Enterprise Benefits</th>
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<tbody>
<tr>
<td>Intel® Rapid Start Technology10</td>
<td>Returns Ultrabooks™ to full operational power within seconds. This ultra-responsive capability gives devices the power to resume in a flash, and ultra-low power consumption when on standby. So users save time and get longer battery life.</td>
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<tr>
<td>Intel® Smart Response Technology6</td>
<td>Quickly recognizes and stores the most frequently used files and applications where users can access them right away.</td>
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<tr>
<td>Intel® Smart Connect Technology6</td>
<td>Continually and automatically updates email, apps, and social networks, even when the system is asleep (available only on select Intel-inspired Ultrabook™ devices featuring next-generation Intel® Core™ processors).</td>
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<tr>
<td>Intel® Anti-Theft Technology (Intel® AT)3</td>
<td>Helps protect devices by disabling lost or stolen Ultrabooks™ from anywhere in the world. Once the Ultrabook is returned, it can be easily reactivated without harm to data or digital content. (Available as an option on designated Intel® Core™ processor-based Ultrabook devices.)</td>
</tr>
<tr>
<td>Intel® Identity Protection Technology (Intel® IPT)7</td>
<td>Helps protect your identity and assets online by adding a trusted link to systems, accounts, and favorite online places. It’s better online identity protection, authenticated by users. Intel secure keys generate highly secure encryption keys and hide them from malware. (Available only on select Intel-inspired Ultrabook™ devices featuring next-generation Intel® Core™ processors.)</td>
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**Conclusion**

Benchmark testing conducted by Atos found that even the fastest-performing workstations of a few short years ago are no match for today’s Ultrabooks. One may well conclude that the Ultrabooks have a wide range of performance and are well-suited for all but the most demanding computing requirements across the enterprise. For more detailed test results and an in-depth assessment of enterprise-class Ultrabooks, see the white paper, Ultrabooks™ for the Enterprise, Atos and Intel, 2013 at: [http://na.atos.net/NR/rdonlyres/DCB12B86-6585-4AE0-ACC0-6FA4692A7EA1/0/Atos_Intel_Ultrabooks_for_the_enterprise.pdf](http://na.atos.net/NR/rdonlyres/DCB12B86-6585-4AE0-ACC0-6FA4692A7EA1/0/Atos_Intel_Ultrabooks_for_the_enterprise.pdf).

For more information, see the white paper, Ultrabooks™ for the Enterprise, Atos and Intel, 2013 at: [http://na.atos.net/NR/rdonlyres/DCB12B86-6585-4AE0-ACC0-6FA4692A7EA1/0/Atos_Intel_Ultrabooks_for_the_enterprise.pdf](http://na.atos.net/NR/rdonlyres/DCB12B86-6585-4AE0-ACC0-6FA4692A7EA1/0/Atos_Intel_Ultrabooks_for_the_enterprise.pdf).

**Explore Your IT Requirements**

Atos solution architects build in value at each level of operations.

For more information, call us at: **(914) 881-3000**

Visit [na.atos.net](http://na.atos.net) and search “adaptive workplace.”

**John Minnick**
Director, Global Head of Strategic Technology Partners (STeP) Team, Innovation, Portfolio, and Architecture, Atos
Endnotes

“Ultrabooks™ for the enterprise are finding a niche that will dominate the workforce in the coming years. End users like the light weight and excellent speed and graphics; service providers, the manageability provided by integrated Intel® vPro™ tools and services. Companies are now starting looking to look beyond the typical notebook towards Ultrabooks for their end user community.”

Daniel G. Silverman
Enterprise Architect, STeP Client Sub-Team Lead, Workplace and Service Desk Services
Atos

About Atos
Atos SE (Societas europaea) is an international information technology services company with annual 2012 revenue of EUR 8.8 billion and 76,400 employees in 47 countries. Serving a global client base, it delivers hi-tech transactional services, consulting and 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, Health & Transports, Financial Services, Telecoms, Media & Technology, Energy & Utilities. Atos is focused on business technology that powers progress and helps organizations to create their firm of the future. It is the Worldwide Information Technology Partner for the Olympic and Paralympic Games and is quoted on the Paris Euroistit Market. Atos operates under the brands Atos, Atos Consulting & Technology Services, Atos Worldline and Atos Worldgrid. For more information, visit na.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. Additional information about Intel is available at newsroom.intel.com and blogs.intel.com.

1. 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.
2. No computer system can provide absolute security under all conditions. Built-in security features available on select Intel® Core™ processors may require additional software, hardware, services, and/or an Internet connection. Results may vary depending upon configuration. Consult your PC manufacturer for more details. For more information visit www.intel.com/technology/security.
3. Intel® vPro™ Technology is sophisticated and requires setup and activation. Availability of features and results will depend upon the setup and configuration of your hardware, software, and IT environment. To learn more, visit http://www.intel.com/technology/vpro.
4. KVM Remote Control (Keyboard, Video, Mouse) is only available with Intel® Core™ i5 vPro™ and Core™ i7 vPro™ processors with Intel® Active Management Technology activated and configured, and with integrated graphics active. Discrete graphics are not supported.
5. Intel® My WiFi Technology is an optional feature and requires additional software and an Intel® Centrino® wireless adapter. WiFi devices must be certified by the WiFi Alliance for 802.11b/g/a in order to connect. See http://www.intel.com/network/connectivity/products/wireless/mywifi.htm.
6. Intel® Smart Connect Technology requires a select Intel® processor, Intel® software and BIOS update, Intel® wireless adapter, and Internet connectivity. Solid state memory or drive equivalent may be required. Depending on system configuration, your results may vary. Contact your system manufacturer for more information.
7. No system can provide absolute security under all conditions. Requires an Intel® Identity Protection Technology-enabled system, including a 2nd gen or higher Intel® Core™ processor-enabled chipset, firmware and software, and participating website. Consult your system manufacturer. Intel assumes no liability for lost or stolen data and/or systems, or any resulting damages. For more information, visit http://pt.intel.com.
8. No system can provide absolute security under all conditions. Requires an enabled chipset, BIOS, firmware, and software, and a subscription with a capable service provider. Consult your system manufacturer and service provider for availability and functionality. Service may not be available in all countries. Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting thereof. For more information, visit http://www.intel.com/go/anti-theft.
9. No computer system can provide absolute security under all conditions. Intel® Trusted Execution Technology (Intel® TXT) requires a computer with Intel® Virtualization Technology, an Intel TXT-enabled processor, chipset, BIOS, Authenticated Code Modules, and an Intel TXT-compatible measured launched environment (MLE). Intel TXT also requires the system to contain a TPM v1.s. For more information, visit www.intel.com/technology/security.
10. Requires a select Intel® processor, Intel® software and BIOS update, and Intel® Solid-State Drive (3SD). Depending on system configuration, your results may vary. Contact your system manufacturer for more information.