

HP and Intel: Transforming Healthcare Through Collaboration





As strategic partners for over 25 years, HP and Intel® have helped organizations grow their revenue, mitigate costs, and reduce risks. Our joint technologies evolve current models of care by enabling high-quality information exchange throughout the complex healthcare system. Intel and HP are positioned to accelerate this transformation and work with application vendors, providers, and payers to improve quality of care, lower costs, and increase access to critical data.

HP and Intel provide infrastructure technology solutions that help enable cost-efficient capabilities as well as the flexibility to implement and support dynamic, mission-critical healthcare environments allowing healthcare institutions to continuously serve their customers. Working together, our open, assertive, and collaborative approach delivers reliable solutions.

Delivering end-to-end solutions

The demands on today's healthcare institutions are many. They must address market realities such as increased demand for better quality care, an aging population, greater access to data in a highly distributed environment, faster and more accurate claims processing, and secure access to information at the point of care.

As one of the most dispersed industries in the market today, healthcare organizations require clear, concise communication and collaboration to ensure delivery of the best patient care and experience. As growth occurs, the flexibility to share and store massive amounts of data while providing services across multiple networks becomes even more critical.

HP healthcare solutions based on Intel architectures help to answer these seemingly contradictory challenges. HP and Intel's thought leadership and innovation address both quality and cost issues for a broad range of healthcare segments.

By delivering end-to-end healthcare solutions, HP and Intel are enabling the integration and utilization of digitized patient, clinical, and administrative data, powering platforms and solutions to store vast amounts of patient data in compliance with government regulations, and working with respected healthcare leaders in the market to reduce technology risk. HP and Intel computing platforms power everything from demanding database servers and archival storage solutions, to high-performance desktops and cutting-edge wireless and mobile medical devices, all supported by leading services to ease the ability to adapt to change.

Extending our collaboration

HP and Intel's collaboration and partnerships with healthcare industry leaders is key to delivering innovative solutions. Our long-term strategic relationships with leading healthcare application suppliers in clinical information systems, PACS, electronic medical records, and claims processing ensure our technology is optimized for their applications, resulting in a more reliable environment. Many of these applications are tested, certified, and in some cases built on HP technology, further minimizing risk and optimizing performance. All this, coupled with the breadth of the HP and Intel portfolio, means we are able to provide customers ideal flexibility and choice.

Leading technology to support the 21st century

Whether it is test results, treatments or billing, patient data that is being accessed and changed real time requires a reliable, high performing system.

HP Integrity servers handle large, critical computing tasks quickly and efficiently to ensure caregivers can achieve their service levels. For the most demanding workloads, they outperform every other architecture in the market. HP and Intel make this possible by taking the industry-leading Itanium® 2 processor and integrating it with HP's own innovation.

In addition, with healthcare so dispersed, HP Integrity servers make it easy to consolidate and cluster systems for more cost-effective management. And because they support multiple operating systems and can operate side-by-side with other technologies, users have the flexibility to smoothly redeploy systems to meet new healthcare needs in a heterogeneous IT environment.

Itanium 2 processor-based HP Integrity servers deliver the outstanding performance and economics needed to supercharge critical applications while reducing total cost of ownership.

Capitalize on change

Healthcare organizations increasingly rely on IT to help create a competitive advantage with the expectation of delivering a better return on investment, as well as keeping up with a constantly changing environment.

An HP infrastructure built on Intel architecture can provide a powerful platform for key healthcare applications. The growing trend from paper to an electronic environment makes this coordination critical to ensure workflows are uninterrupted and perform at the required service levels. With HP enterprise servers powered by Intel Itanium 2 processors and applications servers running on Intel Xeon™ processors, providers can consolidate medical records from many sources and safely extend patient information to authorized caregivers via mobile point of care (MPOC) devices and applications. The ability to obtain this data when and where it is needed increases productivity and accuracy, thus enabling faster and better decision making.



Solutions for payers

Payers are challenged to deliver value to customers and shareholders in the face of skyrocketing healthcare costs and heavy regulations. With HP systems running on Intel-based technologies, payers can improve claims processing and other operations, drive growth, and enhance customer satisfaction and medication management.

Intel, through its Digital Health Group, is committed to developing industry standards and open, interoperable solutions that will enable payers and providers to reduce cost and inefficiencies through streamlined information exchange throughout the healthcare value chain.

Enabling broader access

High performance Intel Pentium® 4 processor-based desktop PCs from HP can bring new imaging, data analysis, and decision support capabilities to traditional networked locations such as labs, nursing stations, and doctor's offices at a fraction of the cost of proprietary equipment. And mobile point of care tools, such as HP wireless notebooks and tablet PCs built on Intel Centrino™ mobile technology, further extend the reach of healthcare information systems.

In an environment where instant access to information can directly affect patient outcomes, HP and Intel can help:

- Give physicians real-time access to patient information
- Facilitate efficient operations
- Enable sharing of pertinent information in a secure environment

Committed to healthcare IT success

HP and Intel enjoy a long-standing relationship of close collaboration, long-range planning and strategic support to help provide for the continued strength and value of HP Integrity servers with Intel Itanium 2 processors. Our alliance offers real value to healthcare customers, with four generations of Itanium 2 processor-based products in definition and development, and over 1,000 Intel software engineers working on future enhancements. In addition, HP has committed to a \$3 billion investment over three years on the Integrity technology to ensure that we deliver the innovation and value our customers have come to expect.

A major emphasis of the HP investment is towards delivering ROI. The Integrity platform from HP will accomplish this through the longevity of the Intel architecture that uses standards-based technology for aggressive price/performance, industry-leading multi-OS capability, and virtualization to deliver:

- Increased utilization for lower TCO
- Leadership in high availability to reduce downtime
- Investment protection
- Intelligent management to drive down costs

Tap into the strength of the HP and Intel alliance

Utilizing Intel technology, HP provides superior, affordable solutions which can provide continual performance and a competitive edge that can transform your health IT environment and improve the quality of patient care.

For more information, please visit www.hp.com/go/digitalhealth or www.intel.com/healthcare.



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4AA0-6623ENW, JULY 2006