



Intel and GE Healthcare affiliation delivers innovative healthcare IT solutions



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The GE Healthcare and Intel Affiliation



- Brings together two industry leaders to collaborate on innovative IT solutions that improve quality of care and lower the costs of healthcare delivery.
- GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care.
- Intel delivers technology that improves the performance, reliability, scalability, security, cost-effectiveness and interoperability of GE Healthcare IT solutions.
- Running the Centricity portfolio on an Intel® technology platform delivers world-class quality, high performance, and consistently reliable solutions across the healthcare enterprise.
- Standards-based technology leadership from GE Healthcare and Intel provide integrated systems in hospitals and clinics, to help our customers contain costs while optimizing work processes and workflow efficiencies for time-critical decisions in patient care.

Together, GE Centricity solutions and Intel technologies deliver critical information seamlessly to the point of care and facilitate care provider collaboration.



Emerging PACS IT Challenges



Increasing Demand for controlling server sprawl and exploding PACS data



Increasing Demand for supporting more modalities with better performance



Increasing Demand for faster access and retrieval time for diagnostic images

IT challenges directly impact daily PACS operations



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Intel Server Platform Leadership for GE Centricity[®] PACS 3.0



Performance

- Fueled by world-class manufacturing and design
- Consistent, steady innovation model based on tick-tock & Moore's Law
- Performance leadership across a broad range of apps & standard benchmarks
- Multi-threading PACS 3.0 (DAS & ISU) and Software & I/O tuning to take advantage of Quad Core architectures.

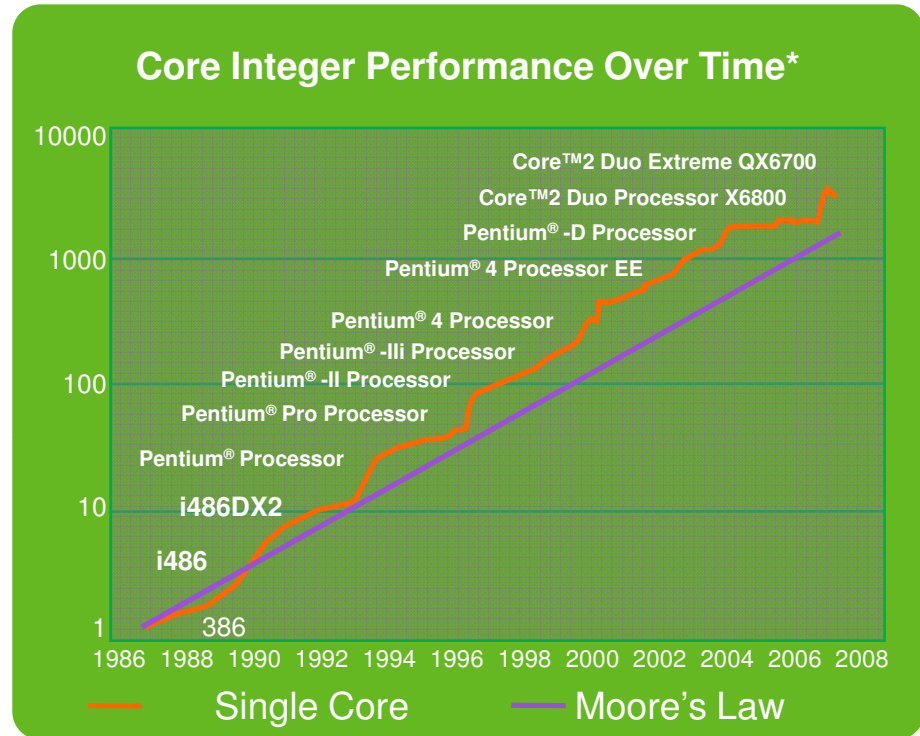
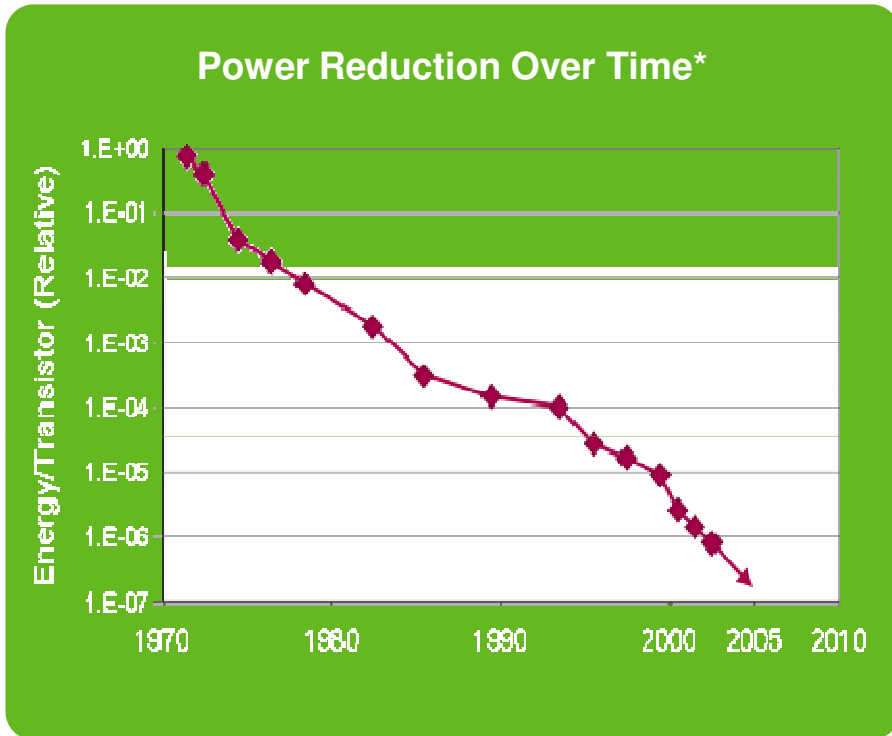
Energy Efficiency

- Highest system level Performance / Watt (SPECPower* benchmark)
- 2yr (or less) payback when refreshing single core servers (80% less space/power)
- Industry leadership: technology, best practices sharing & initiatives

Intel-based platforms are the most widely deployed servers in the world, delivering value on 2 critical IT value vectors for PACS with unique Intel-based technology.



Benefits of Moore's Law



~1 Million Reduction in Energy/Transistor Over 30+ Years
Delivering Great Performance Within Power Envelope



Get Lean, Get Green



45nm High-K Quad-Core

**A 2 Year ROI Replacing
Single Core Servers**

6x Performance

80% Lower Power

80% Smaller Footprint



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For notes and disclaimers, see legal information slide at end of this presentation.

Fewer Servers, Less Energy, Better Performance



Great energy efficiency improvements generation over generation



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Energy-Efficient Performance using SPECjbb*2005 benchmark. Not Centricity® PACS 3.0. Centricity® PACS 3.0 may use different Xeon® processors with the same core.