

REAL-TIME PERFORMANCE MANAGEMENT FOR THE ENTERPRISE

RtPM



REAL-TIME PERFORMANCE MANAGEMENT FOR THE ENTERPRISE

RtPM



Grow with Innovative Solutions

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Intel Corporation

Subject Title

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 - Sub Bulleted text line one
- Bulleted text line two
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Digital Enterprise

- **Increase Enterprise Awareness**
- **Make Your Digital Data a Real Asset**
- **Transform Your Business**



Industry Challenges

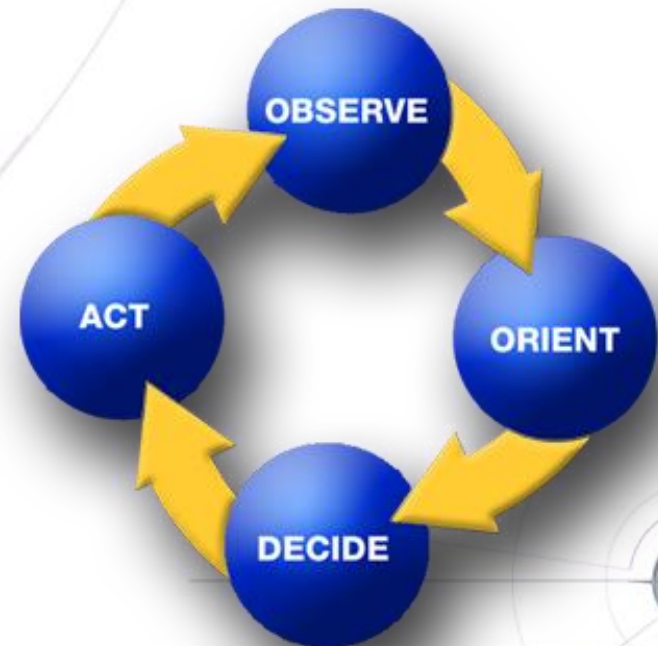
- Industry Consolidation
- Data Explosion
- Virtual Asset Teams
- Real-Time Enterprise
- Next-generation simulation
- Improved visualization
- Increased integration & automation



Digital Oil Opportunities

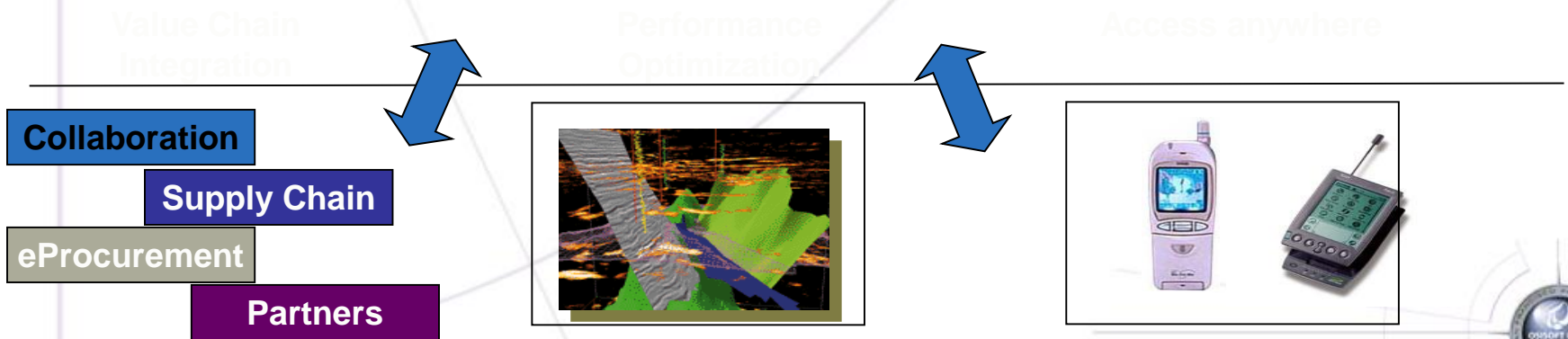


- Surveillance
 - Command & Control
 - e-Worker Knowledge Management
 - Communications
 - Extended to Partners
-
- Simulation & On Demand Computing
 - Visualization
 - Remote Operation
 - Field Automation
 - Systems Integration - SOE

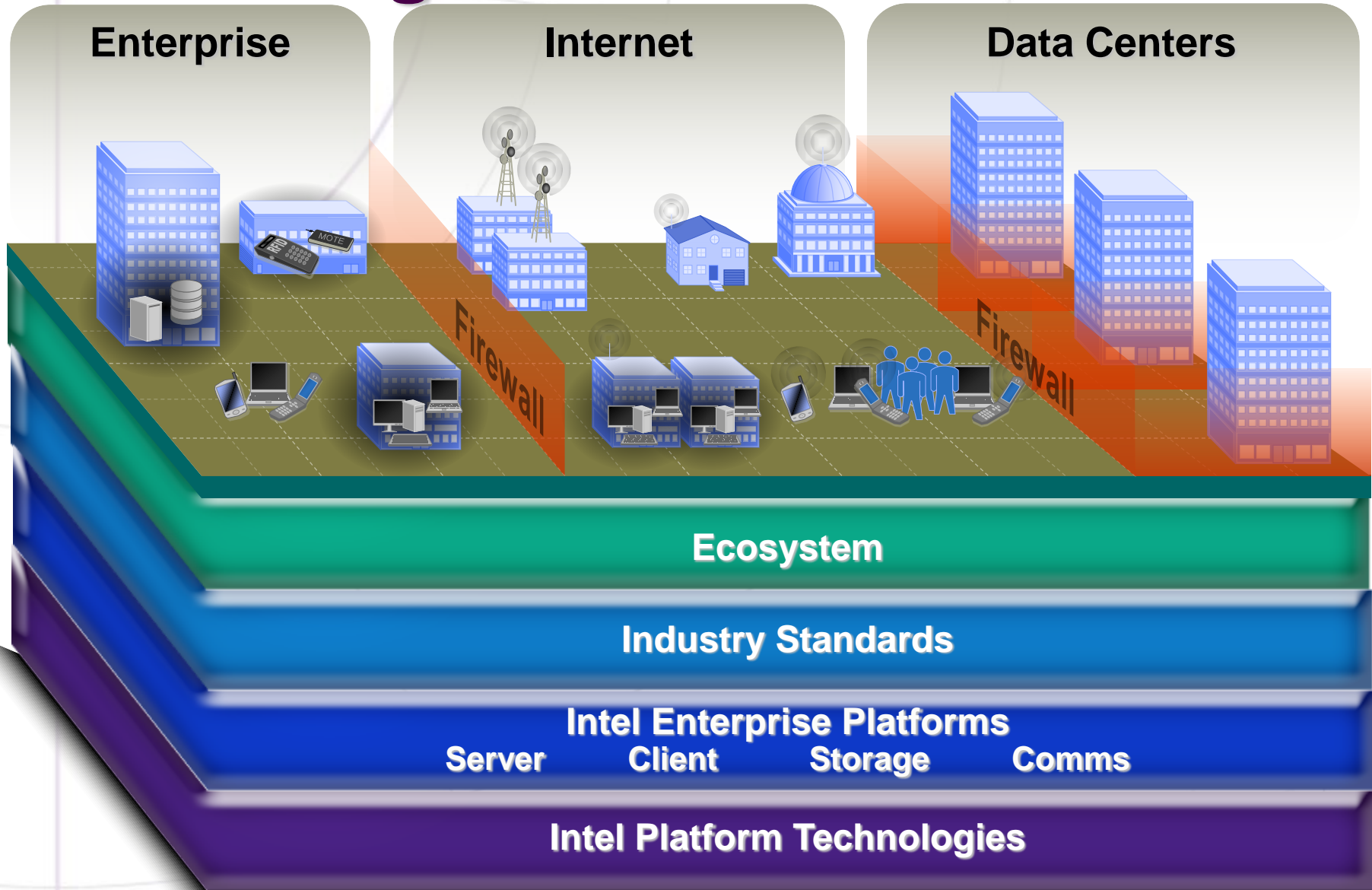


Game Changing: The Digital Oilfield

Information technology will transform the upstream business into a virtual organization of partners collaborating across the globe.



Enabling Real-Time Business



Digital Enterprise

**Seamless
Collaboration**

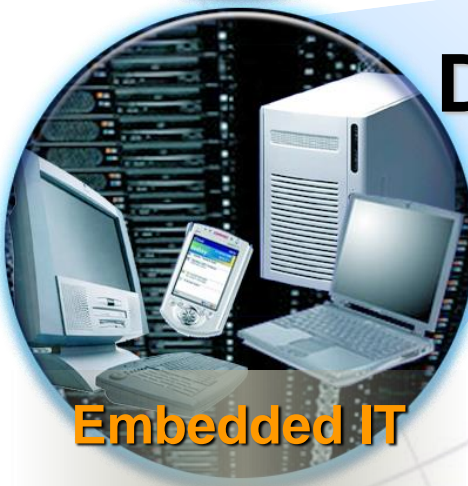


**Information
Assistance**



**Grow Business
Lower Risk
Decrease Costs**

Embedded IT



**Pervasive
Connectivity**



Pervasive Connectivity



Seamless Roaming
Wired, Wi-Fi, WiMAX, 3G, VoIP, ...

Mobile & Context Aware

Cross Platform Communications

**Scalable Modular Server
& Communication Platforms**

Stay Connected – Anytime, Anywhere

Information Assistance



Find & Analyze Information

Autonomic Data Sources

Instant Business Intelligence

“Scale Right” Infrastructure

Data as a Service

**Deliver the Information Required to
Manage & Grow**

Seamless Collaboration



**Secure Data, Voice & Video
Communication**

Integrated Experience

Synchronous & Asynchronous

Cross Locations & Company

**End-to-End Converged Communications
Experience**



Embedded IT



Automated Provisioning

Embedded Health

Self Managing & Healing

Robust & Secure Virtualization

Lower TCO

Embedded IT Capabilities Into Every Platform



Digital Enterprise

Seamless
Collaboration



Information
Assistance



Enabling Real-Time Business Anytime, Anywhere

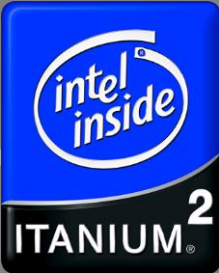

Embedded IT



Pervasive
Connectivity



Two Enterprise 64-bit Architectures

PREVIOUS ARCHITECTURE/SOLUTIONS	TRANSITION BENEFITS	ARCHITECTURE OF CHOICE
RISC Replacement	Exceptional performance – choice of operating system, software & hardware vendors	
IA-32 Architecture	64-bit support, great performance for 32-bit apps	

**Intel is driving 64-bit computing
from datacenter to desktop**

Announcing Next MP Server Platform



64-BIT MP COMPUTING

Manipulate large datasets

PLATFORM TECHNOLOGIES

DDR2-400 Memory · Advanced RAS features
· PCI Express I/O · Demand Based Switching

PLATFORM LONGEVITY

Architected for Dual Core
Virtualization Technology Ready

Launching New 2005 MP Platform



CUSTOMER REQUIREMENTS

Platform longevity
Scaling application performance
Ability to manipulate large datasets
High levels of reliability and serviceability to increase server uptime
High bandwidth I/O subsystems
Lower utility costs and ability to use existing infrastructure

BENEFITS

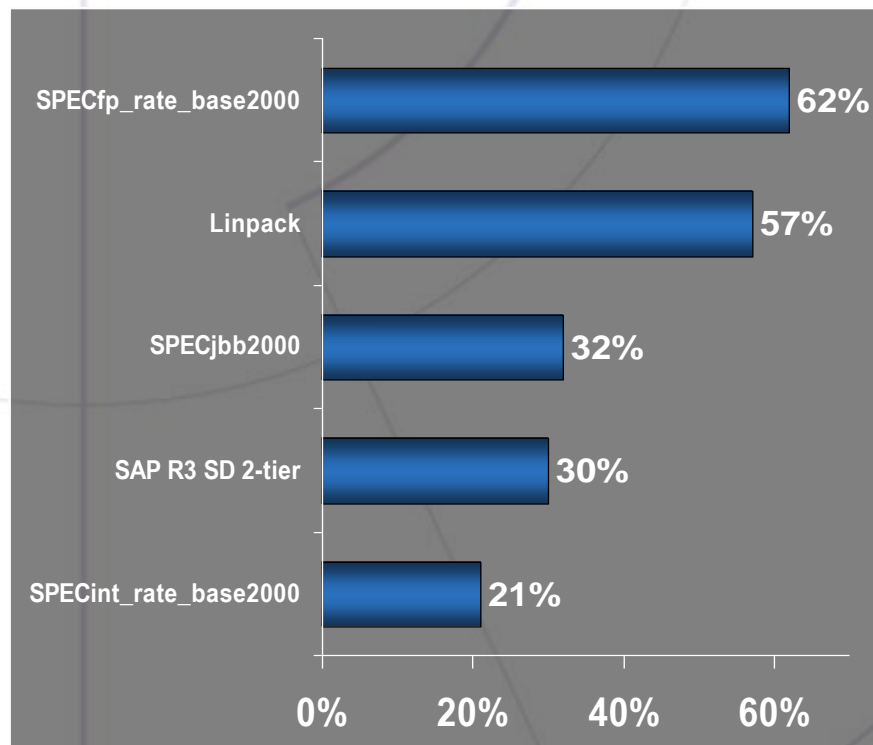
ARCHITECTED for DUAL CORE
667MHz dual FSB
Ready for Virtualization Technology
64-bit computing
DDR2-400 Memory
Additional advanced RAS features vs. DP servers
PCI Express* I/O
Demand Based Switching with Enhanced Intel SpeedStep® Technology



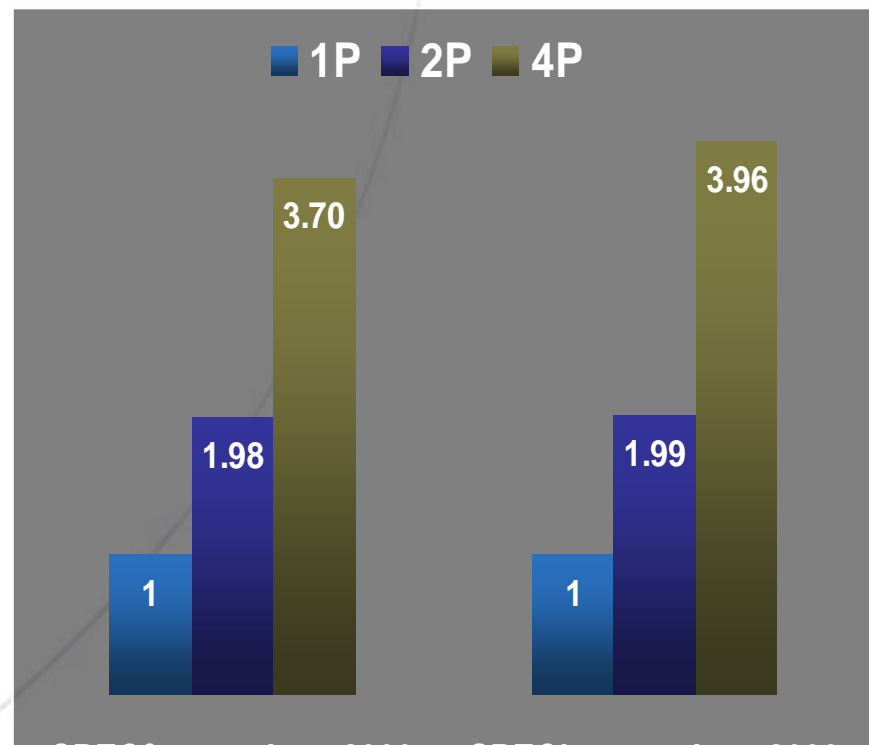
Intel® Xeon™ Processor MP

Performance

Vs. Previous Generation



Scalability



**Up to 62% performance
improvement**

MP Platform Reliability, Availability and Serviceability (RAS) Features

Error-correcting system bus†

X8 single device data correction

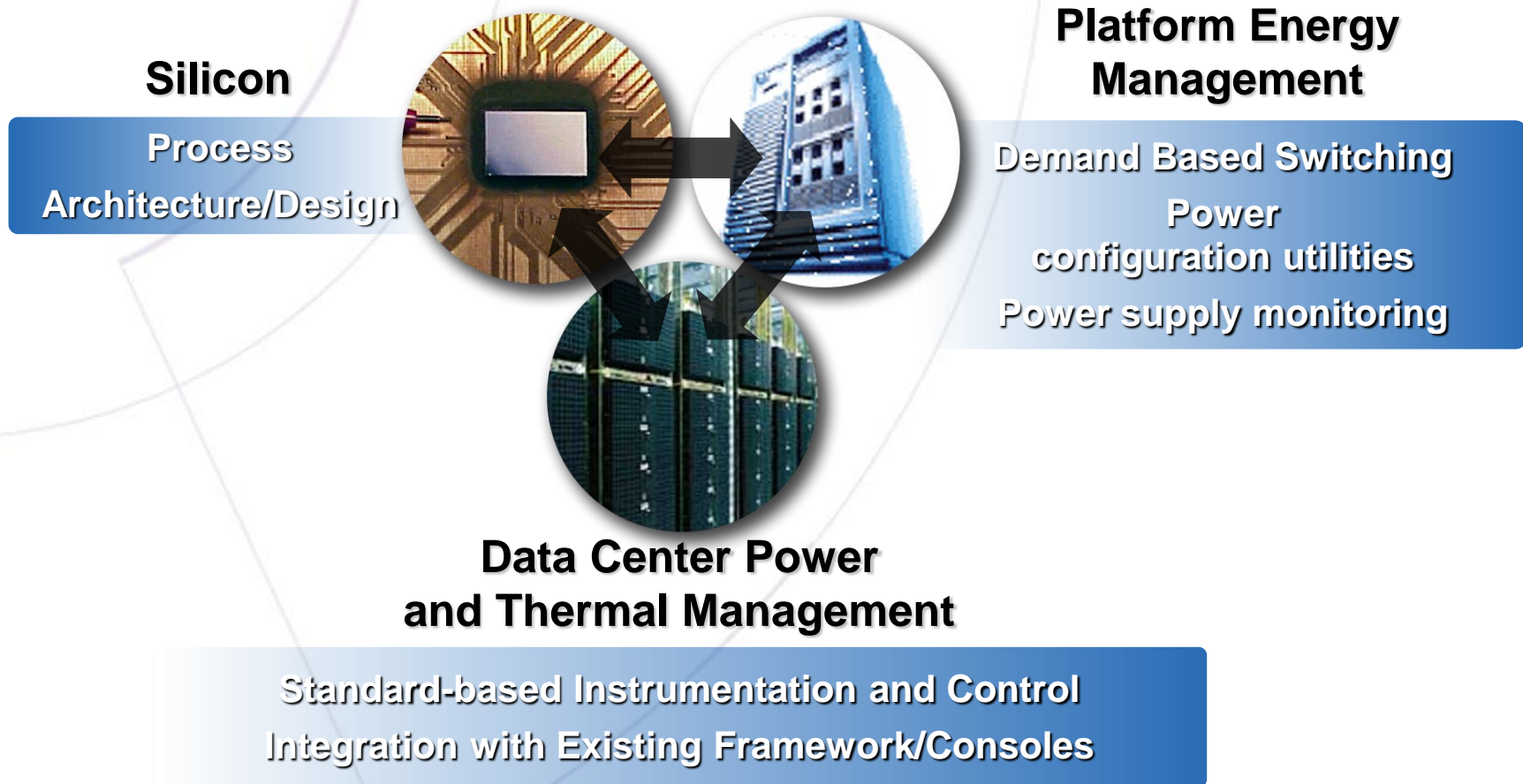
Memory Hot-swap

Memory RAID

Additional RAS features* keep MP platforms up and running

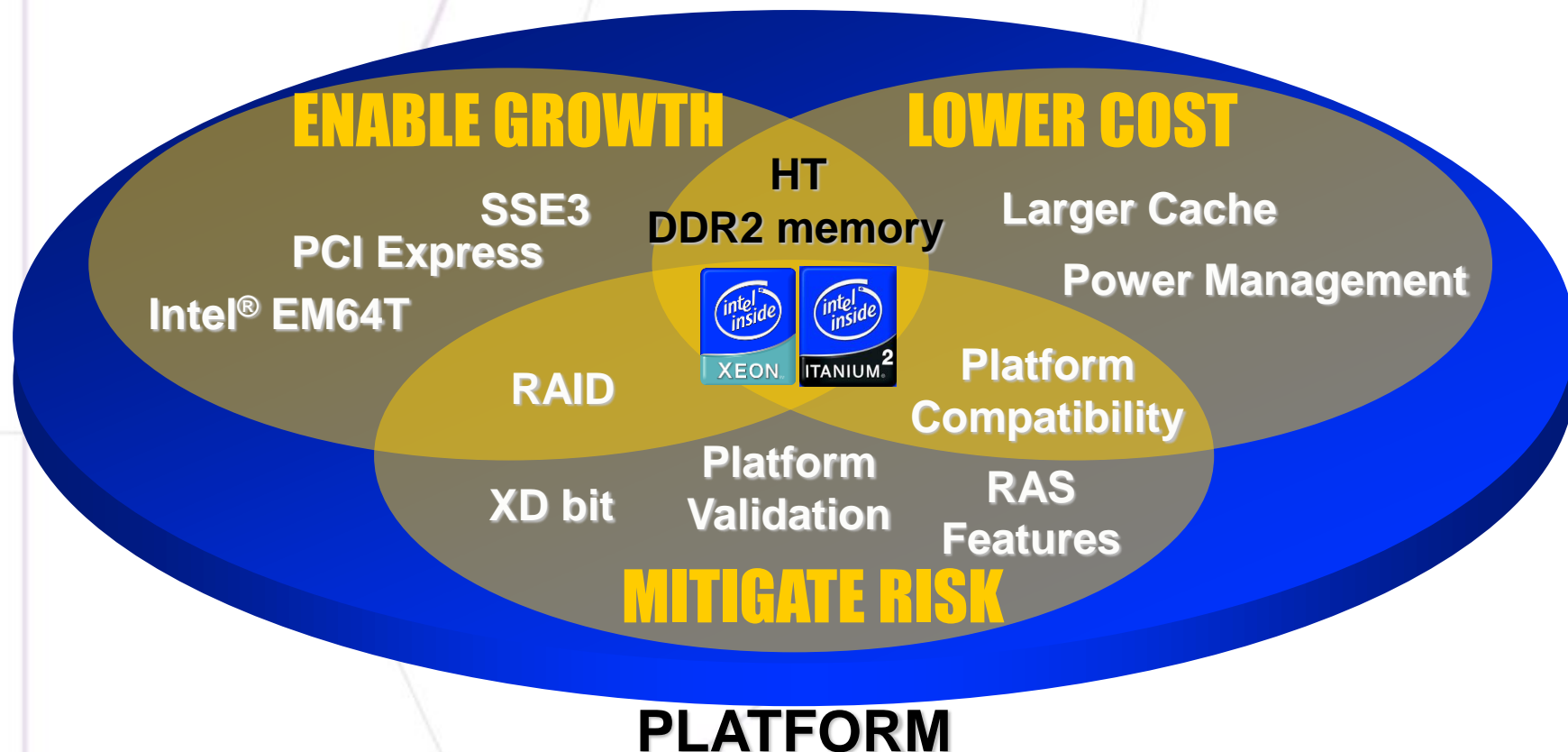


Power Management Innovation



**Comprehensive Platform Solutions
Maximize Performance per Watt**

Intel Server Platforms



Products and technologies deliver greater end user benefits



Digital Enterprise

- **Innovate**
- **Increase the Value of Digital Data**
- **Transform Your Business**

Innovate with Intel



Thank you!

