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IT Im Wandel: Itanium und Integrity Im Rechenzentrum

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Agenda

- The Business Case
- Integrity and Itanium Market Momentum
- Key Enablers
- Voice Of The Customer



The Business Case



Herausforderungen – Ein Überblick

Markt	Unternehmen	IT
Konjunktur und Wachstum	Wettbewerber	Systemkomplexität
Geschäftsdynamik	Kosten/Effizienz	Verfügbarkeit
Regulierungen	Informationszugriff	Sicherheit
Politische Situation	Führung/Zustimmung	Neue Applikationen
Umweltprobleme	Massenware	Konvergenz
Globalisierung	Kontinuität	Business Continuity
Ressourcenverfügbarkeit	Flexibilität	Netzzugriffe
Sozialverantwortung	Interessengruppen	Ausbildung/Ressourcen
	Outsourcing	Integration
	Kundenbindung	Offshoring
	Konsolidierung/M&A	



IT und Business Synchronisierung

Business

Informations- und
Kommunikationstechnologien

Business Goals

Q. Prioritize the following business goals as they relate to your organisation in 2005 by allocating 100 points among them. The more points you allocate, the more important the business goal.

Business Goal	Percentage
Speed time to market	8.6%
Increase market share	9.1%
Increase customer satisfaction	30.3%
Reduce costs	30.8%
Increase revenue	20.4%

n = 204

Source: IDC's Dynamic IT Survey, January 2005

- **Focus is again on growth**
 - Top and bottom line goals are usually at odds with each other, particularly increasing customer satisfaction.
- **Still seeking temporary competitive advantages**
 - Responsiveness to customers
 - Time to market
- **Technology plays a more important role in future business initiatives**
 - New products
 - New markets
 - New constituents
 - Regulatory requirements

Business Priorities by Vertical

Healthcare:
Electronic Medical Records (EMR)

Banking:
Commodity → Relationship

Financial Services:
Electronic Trading, Algorithmic Trading, Automated Trading and Straight Through Processing

Health Insurance:
Medical Treatment Information and Physician Satisfaction Ratings

Retail:
Real-time Inventories

Telecommunications:
Rich Content, Personalised User Experience

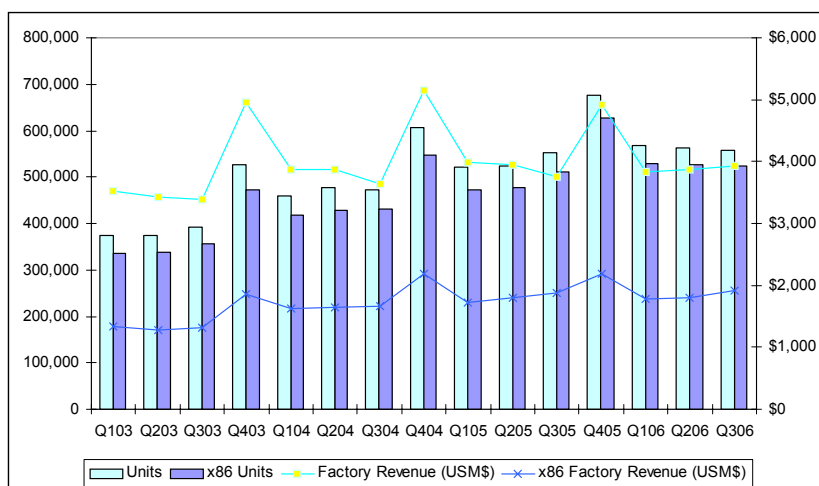
Transportation:
Real-time Tracking via RFID

Business priorities differ by industry, but have common goals for better information

- Cross-selling Opportunities
- Better Decision Making
- Improve Customer Satisfaction
- Greater Numbers of Users and Transactions

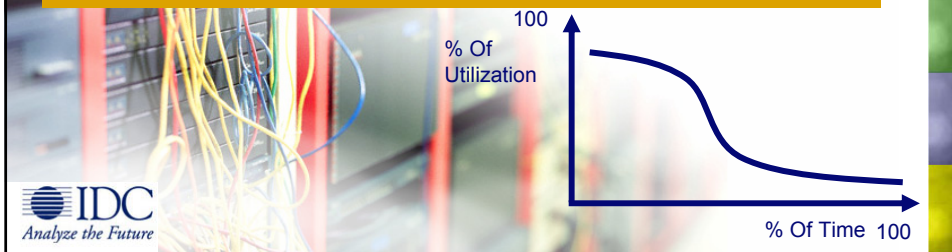


EMEA Server Market Overview



Infrastructure: More Is Better?

- Over Provision For Peak Performance
 - One Server , One Application
 - Getting Less Done Per Server
 - Datacentres Have Become Swollen With Under-utilised Servers
- For Every Dollar Spent On Server Hardware, We Spent Seven Dollars On Support
- Power & Cooling For 100 Servers Will Be About \$40,000 Per Year
- 15-20 Servers Per Admin For Distributed Computing



Risk and Control – Emerging Factors

- Risk - business continuity
- Risk – insecure systems
- Risk - regulatory requirements
- Risk – monopoly suppliers
- Risk – reliance on third parties

Itanium Market Momentum - It Is A 'Glocal' Story!

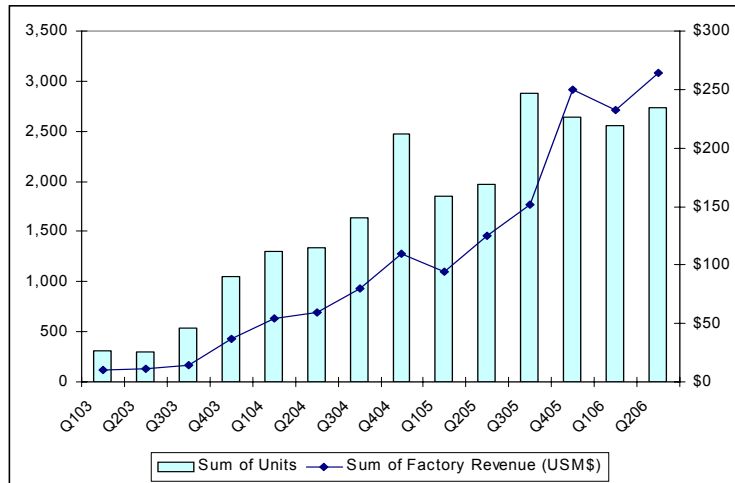


Key Indicators

- The Itanium market continues to grow in EMEA: 39% unit growth and 103% revenue growth in Q206
- Intel's and HP's continued investment in Integrity is expressed in its leadership with 94% of all units shipped and 83% of revenues generated in Q206
- Germany the No 1 or 2 in the Integrity Market
- Increasing end user focus on midrange and high-end Itanium
- Itanium is getting firmly entrenched in the datacentre

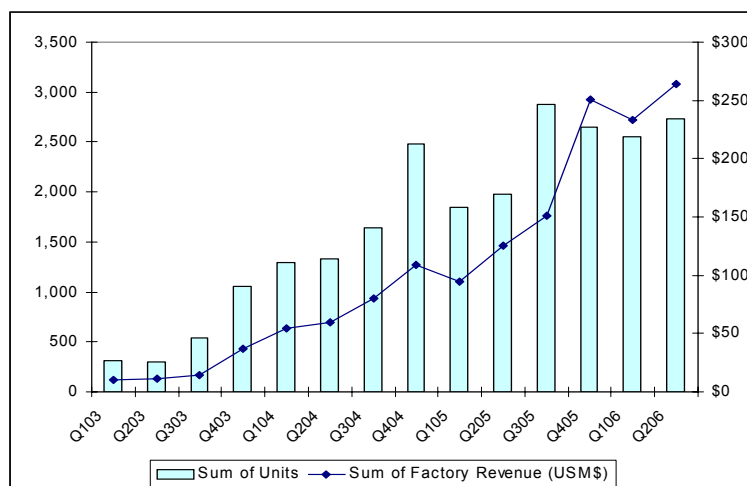


EMEA Itanium Server Market, Q103-Q206

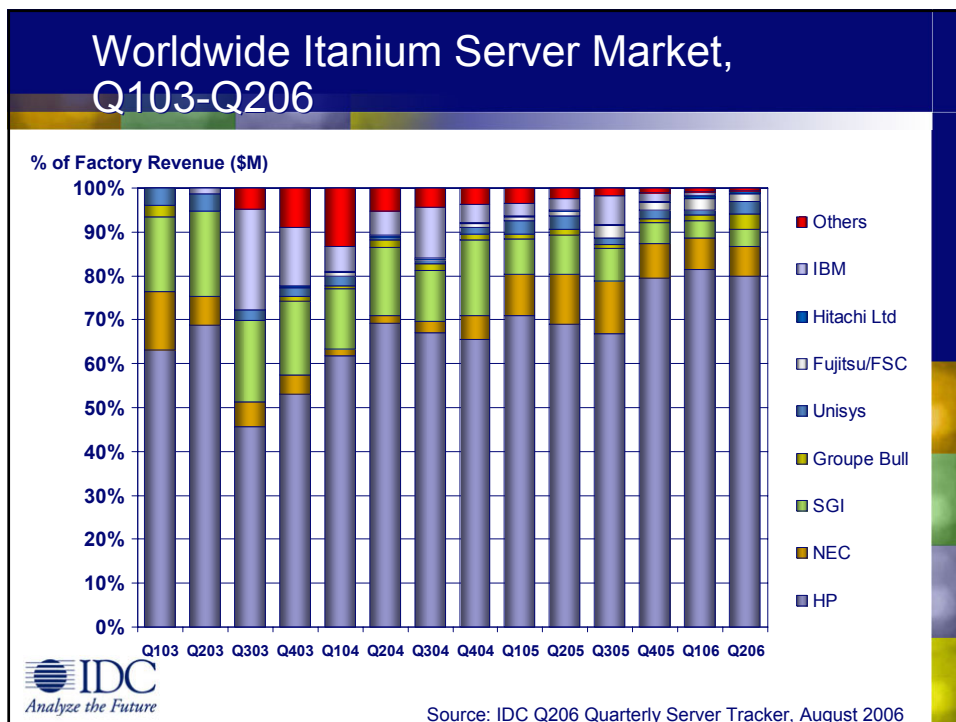
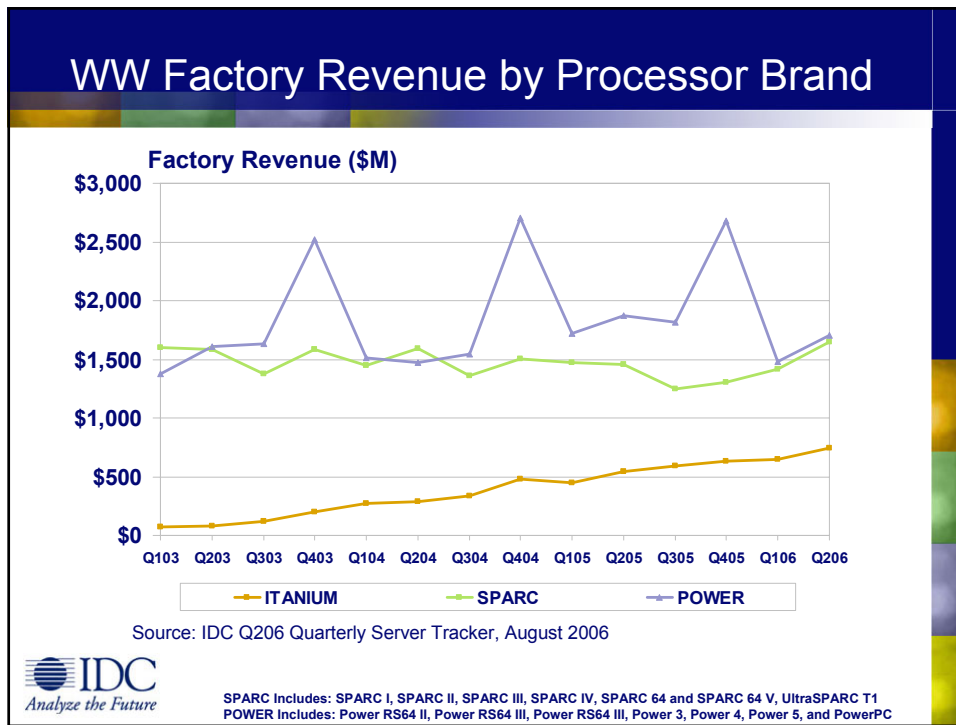


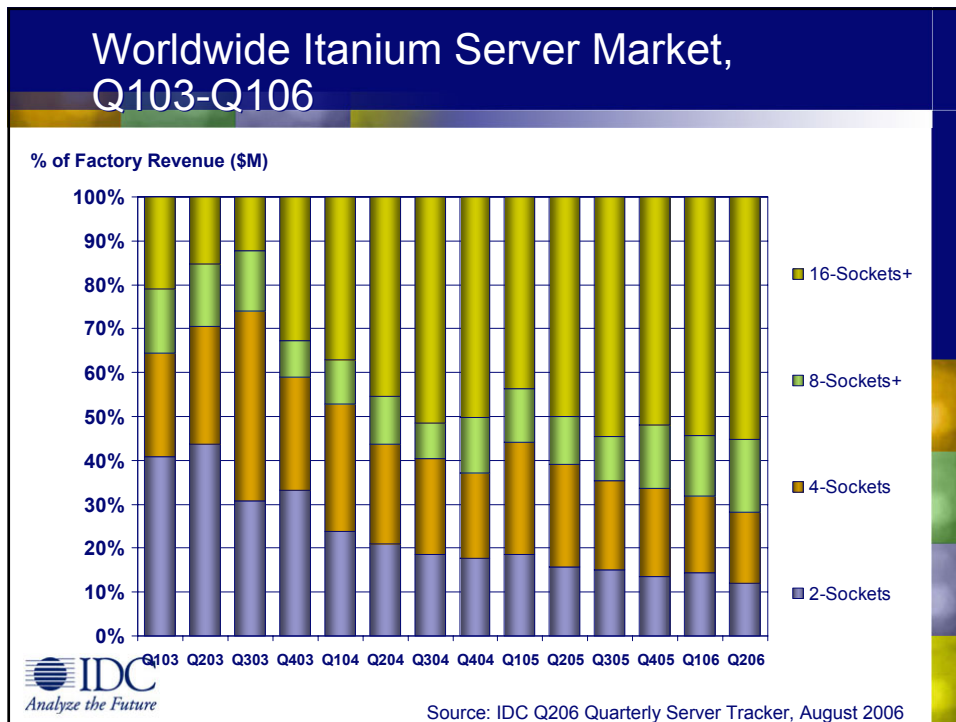
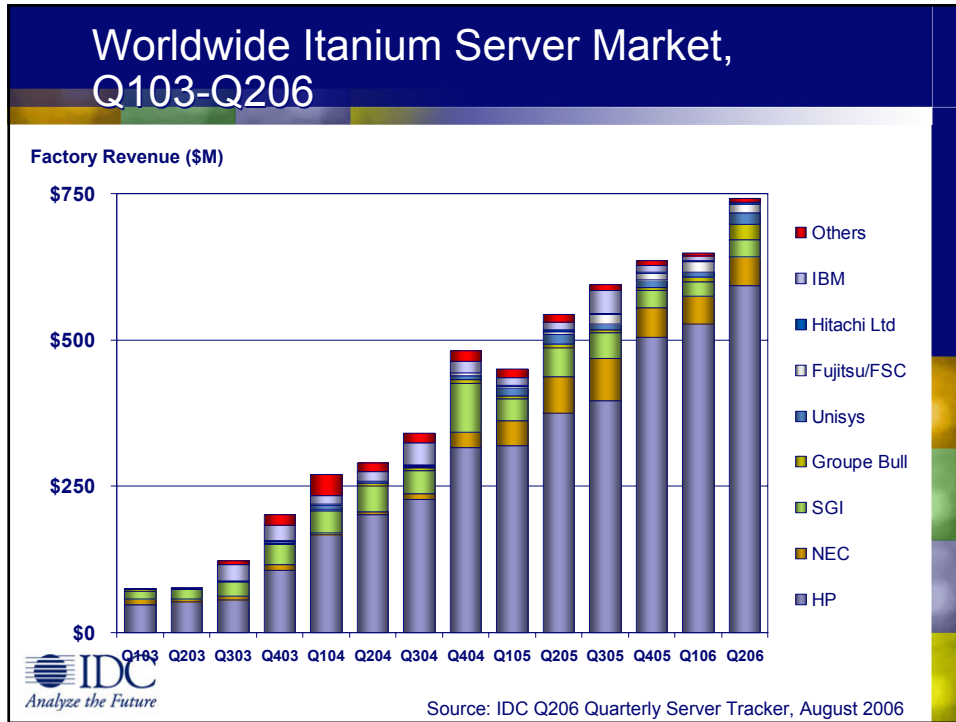
Source: IDC Q206 Quarterly Server Tracker, August 2006

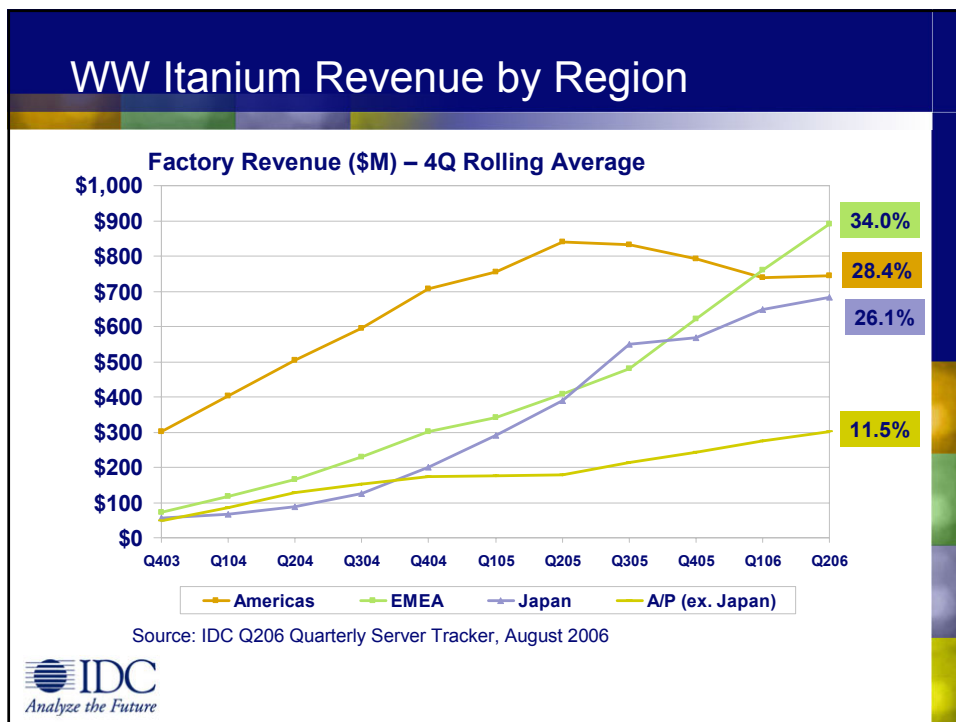
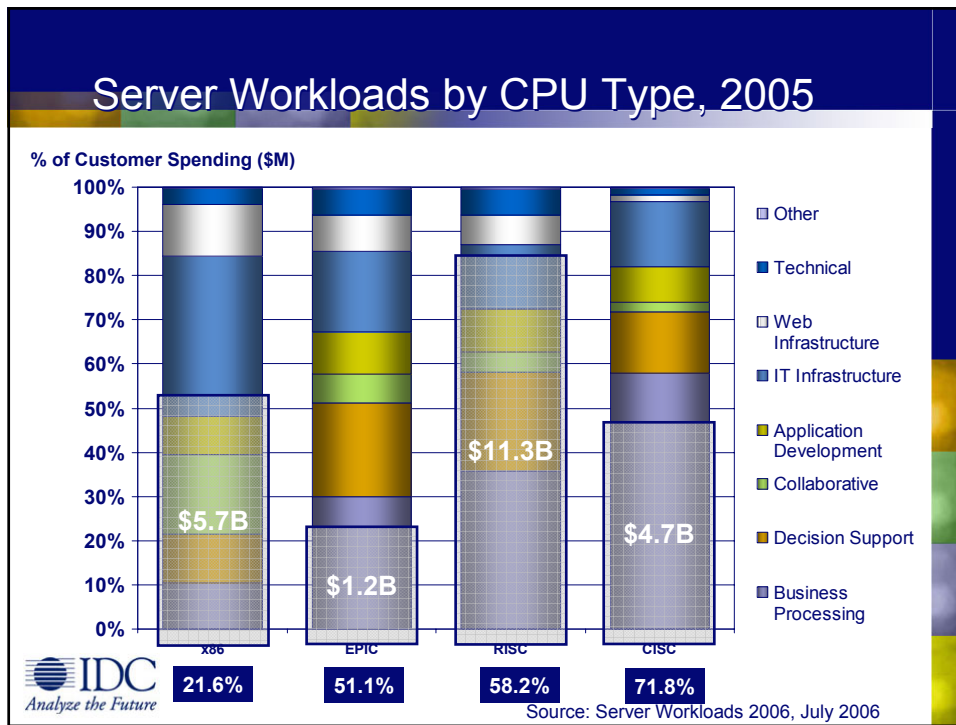
Germany Itanium Server Market, Q103-Q206

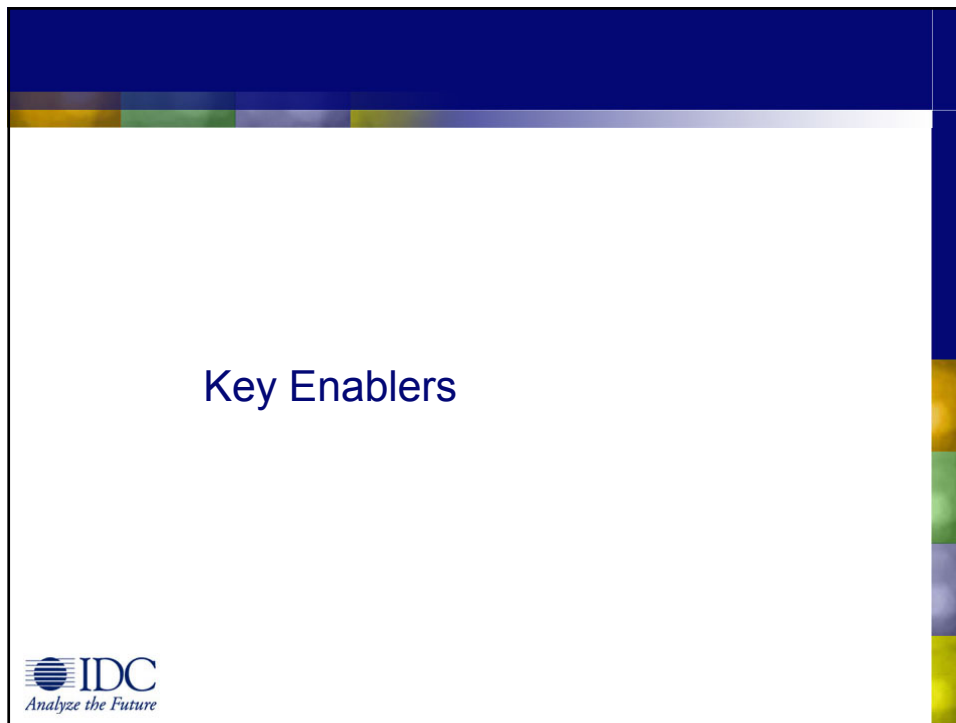


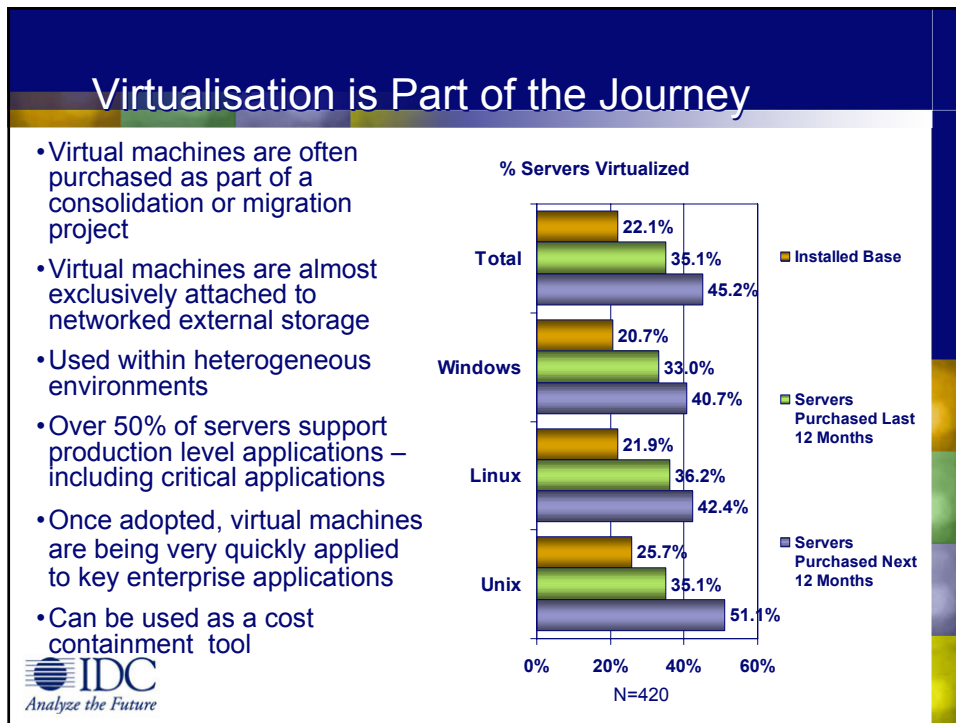
Source: IDC Q206 Quarterly Server Tracker, August 2006











Virtualisation

Virtualisation Is A Great Vehicle To Improve Operational Efficiencies

- Drive Innovation Back To The Business Unit
- Allow customers To Meet Emerging Compliance Rules
- Meet Business Continuity Requirements

Virtualisation Is A Great Vehicle To Support New and Emerging Business Models Such As Service Oriented Architectures

- Establish New Capacity Planning Models
- Re-think Cost Allocation Models

Systems Management

- *Common / Single Management Platform and Interface*
 - *Automation*
 - *Rapid Deployment*
 - *Remote Management*
 - *Workload Balancing*
 - *Support of Virtualised Environments*
- *Keeps Operational Costs Down*
 - *Increases Flexibility and Agility*
 - *Brings Relevance to All Sizes of Business*

Itanium in the Datacentre

- Supplier Choice
 - Standardisation, Roadmaps
- ISV Application Availability
- Heterogeneous Operating Environments
- Mixed Chip Environments
- Virtualisation Availability

Voice Of The Customer



Customer Examples: Cost Advantage

TABLE 1

Itanium Customer Experience Comparison – **How** Does Itanium Best Fit your Company? **(Customer Responses)**

Goals	Existing Business and Infrastructure: Challenges and Concerns	Transitioning to Itanium: Key Benefits Perceived by Customers	Customer Advise and Conclusions Impact
Cost-benefit	<ul style="list-style-type: none"> • Cost effectiveness and price/performance • Consolidation capability • Smaller systems 	<ul style="list-style-type: none"> • Fewer systems make easier monitoring and management for higher level of performance • Saving on licenses, services and maintenance • More bang for the buck and more space in a rack • Better performance for applications which did not parallelize well 	<ul style="list-style-type: none"> • Higher grade of flexibility • Less heat development and power consumption • High Performance in terms of reliability, availability and scalability • Highest single CPU performance for floating point operations



Customer Examples: Risk Mitigation

TABLE 1

Itanium Customer Experience Comparison – **How** Does Itanium Best Fit your Company? (**Customer Responses**)

Goals	Existing Business and Infrastructure: Challenges and Concerns	Transitioning to Itanium: Key Benefits Perceived by Customers	Customer Advise and Conclusions Impact
<ul style="list-style-type: none"> • Risk Mitigation 	<ul style="list-style-type: none"> • Better compatibility and stability of OS • Had concerns that some of the incumbent architectures are reaching end of life in terms of additional performance 	<ul style="list-style-type: none"> • Secure past IT investments while guaranteeing high availability and business continuity • Offer better prospect. Plenty of room for performance improvement • Support for mainstream environment 	<ul style="list-style-type: none"> • Business disruption due to downtime in transition. As any other migration, needs careful planning. • Important to rely on an external partner who has extensive experience in migration and to not underestimate internal resources



Customer Examples: Standardisation

TABLE 1

Itanium Customer Experience Comparison – **How** Does Itanium Best Fit your Company? (**Customer Responses**)

Goals	Existing Business and Infrastructure: Challenges and Concerns	Transitioning to Itanium: Key Benefits Perceived by Customers	Customer Advise and Conclusions Impact
<ul style="list-style-type: none"> • Standardization 	<ul style="list-style-type: none"> • To increase flexibility • Alignment of IT function with corporate goals and objectives • Support of Windows in HPC environments 	<ul style="list-style-type: none"> • IT function no longer a bottleneck • Staff knowledge and skills are still relevant. Change of processor does not require significant training. 	<ul style="list-style-type: none"> • Business continuity • Increasing ISV support • No additional training necessary



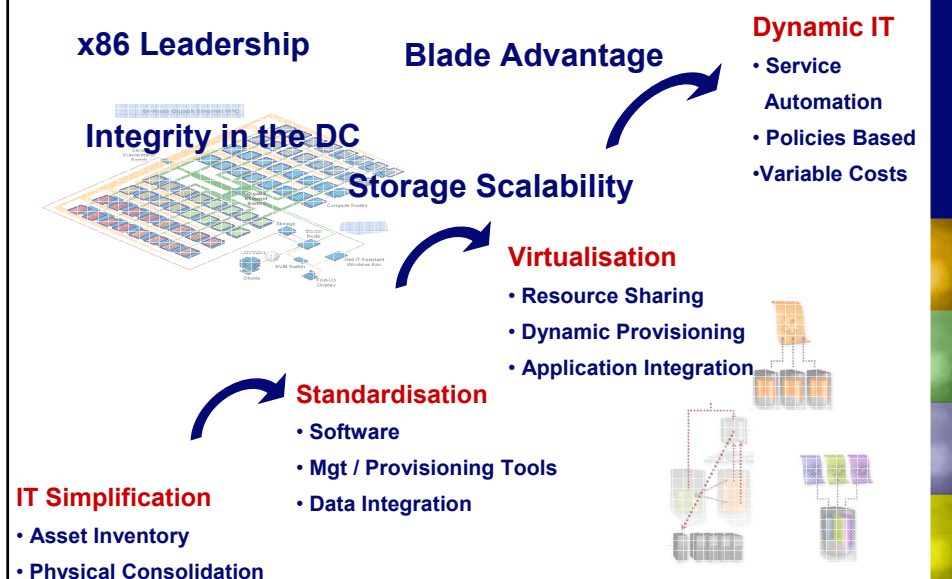
Customer Examples: Sourcing

TABLE 1
Itanium Customer Experience Comparison – **How** Does Itanium Best Fit your Company? (**Customer Responses**)

Goals	Existing Business and Infrastructure: Challenges and Concerns	Transitioning to Itanium: Key Benefits Perceived by Customers	Customer Advice and Conclusions Impact
<ul style="list-style-type: none"> • Sourcing Strategy 	<ul style="list-style-type: none"> • Multiple OS support • Reduce lock-in to select software platforms and applications on company's criteria 	<ul style="list-style-type: none"> • As software availability increased, wider range of platform choices for any applications 	<ul style="list-style-type: none"> • Ability to treat Itanium as any other architecture in IT infrastructure • Migration to a new platform is time-consuming and requires careful planning and thorough negotiations with vendors.



Dynamic IT – The Journey



Take-Aways

- ✓ Business And Technology Requirements Need New Solutions
- ✓ IT today Is And Has The Answer To The Many Challenges
- ✓ Business Leaders Are Demanding Agility and Flexibility!
- ✓ Todays Dynamic IT Solutions Need To Show Relevance for Today's Issues And Provide A Path For The Future
- ✓ Virtualisation Improves Utilisation and Business Continuity and Supports Building Business Processes Into IT Processes
- ✓ Integrity and Itanium Momentum Outpaces Market Growth
- ✓ Integrity and Itanium Provide Answers To Technology and Business Issues



Herzlichen Dank für Ihre Aufmerksamkeit

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