

IBM i

The integrated operating system for Power Systems



IBM i has more customers than any other IBM system platform

- **IBM i has a track record of delivering lower total cost of ownership than x86 servers**
 - IBM i and Power servers offers three-year IT costs that are 34% less than for use of Windows servers and SQL Server and 51% less than for use of Linux servers and Oracle (1)

- **The IBM i operating environment includes operating system and middleware components that are designed, developed, built, tested, delivered, and supported as one**

- **Almost all customers run multiple applications on a single IBM i environment**
 - IBM i subsystems provide workload isolation
 - IBM i systems typically run at a higher utilization rate than x86 systems (2)

- **PowerVM provides industrial Strength Virtualization for AIX, IBM i, and Linux**

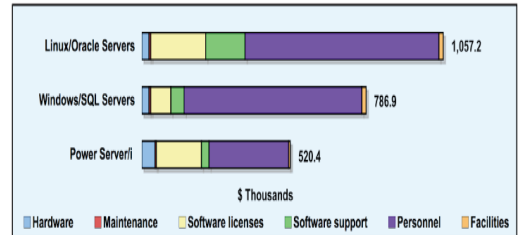
- **IBM BladeCenter enables small and mid-sized i clients to consolidate their IT environment**

- **IBM i has a proven reputation for exceptional business resiliency**
 - 3 year cost of downtime for IBM i averages 80% less than x86 servers (1)

- **Technology Independent Machine Interface ensures IBM i application compatibility as the hardware technology changes**
 - IBM i releases and versions offer binary compatibility and hardware optimization
 - Recompile has not been required

- **IBM i offers open application design choices**

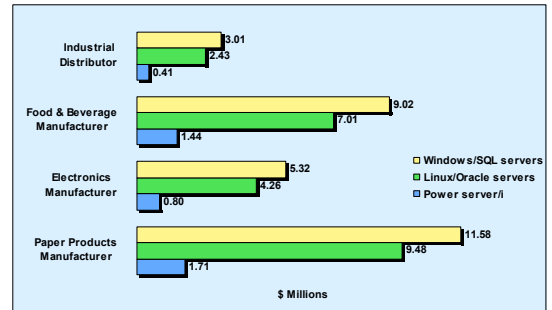
**Three-year IT Cost for EnterpriseOne Deployments
Averages for All Installations**



Utilization	x86	IBM i
Average utilization	4.07%	41.48%



Cost of Downtime – Three years



- **IBM i has a track record of significantly fewer security advisories that Microsoft Windows Server**
 - Secunia has issued 193 security advisories for Windows Server 2003 with only 2 for IBM i (3)

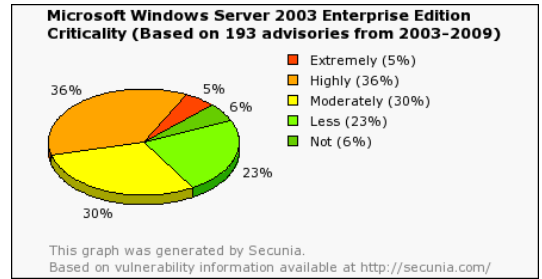
- **Systems Director Navigator for i is an integrated tool for managing the integrated IBM i operating environment**

- **Through single level store, IBM i balances data across available storage resources based on performance, capacity, or type of drive**
 - IBM i customers typically do not have storage administrators

- **DB2 for i is a fully compliant SQL database that also provides the unique ability to support RPG applications**
 - DB2 for i was the first database to meet 100% of the core SQL 2008 ANSI standard
 - Integrated system and storage management and security results in easier administration - majority of IBM i clients do not have a Database Administrator

- **IBM i runs on the fastest processors in the industry: POWER6 5.0 GHz offering scalability for small, mid-sized and large enterprises**

- **IBM provides a single point of support for the IBM i operating environment**



Feature	SQL Server	DB2 for i
Self Adjusting Query Optimizer for improved performance	No	Yes
Automatic creation of Indexes	No	Yes
Automatic placement of data and indexes on disk	No	Yes
Automated Index Maintenance	No	Yes



The i operating environment is an important, strategic element in the IBM product portfolio and we are making substantial investments in the future of i because its continued success in the market is essential to IBM's overall business performance.

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- 1 [ITG Report: Value Proposition for IBM Power Servers and i: Comparing Costs For EnterpriseOne Deployments June 2009](http://ftp.software.ibm.com/common/ssi/sa/wh/n/orw03002usen/ORW03002USEN.PDF)
- 2 [Comparing IBM System i Annual Operating Costs in Large Enterprises. Summary of IBM Customer IT Optimization Studies 2002-2006 An IBM White Paper](http://ftp.software.ibm.com/common/ssi/sa/wh/n/orw03002usen/ORW03002USEN.PDF)
- 3 <http://secunia.com/product/1174/?task=statistics> and <http://secunia.com/product/13949/?task=statistics>