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New PRIMEQUEST 500 Series Server Delivers Doubled Performance and Advanced Virtualization in Mission-Critical Linux and Windows Environments

Award-Winning[1] Server Line Expands Enterprise Operations Using Dual-Core Intel® Itanium® 2 Processors to Meet the Highest Demands on Reliability and Availability

SUNNYVALE, Calif., July 18th 2006 — Fujitsu Computer Systems today unveiled the PRIMEQUEST™ 500 series servers with Dual-core Intel® Itanium® 2 processors, providing performance improvements up to 2.5 times that of previous models. The PRIMEQUEST servers are built to meet the highest demands on reliability and availability in the data center. PRIMEQUEST 500 series servers deliver the most advanced virtualization capabilities available and extended system scalability for Linux and Windows environments. Combining the dual-core Intel processor with the state-of-the-art Fujitsu architecture and design, the new PRIMEQUEST servers are an ideal choice for enterprises that require the economic benefits and flexibility of industry standard solutions without compromising their business continuity.

"Using our self-developed chipset and unique dual synchronous system architecture, PRIMEQUEST servers meet the demands of the most sophisticated data centers by offering superior scalability and performance in a compact, energy-efficient design," says Akira Yamanaka, corporate vice president of Fujitsu Limited. "These new servers are one of the cornerstones of our TRIOLE™ strategy, where servers, storage, networks and middleware are united to provide a dynamic and flexible IT environment."

Since the initial announcement in 2005, PRIMEQUEST servers have been deployed in many customer sites around the world, providing them with data center class reliability, high system scalability and total cost of ownership reductions. Customers who have deployed PRIMEQUEST servers include;

- Banco Popular (Spain)
- Circle K Sunkus (Japan)
- Coput (Spain)
- Institute for Molecular Science (Japan)
- Shibaura Institute of Technology (Japan)
- Sung-Ae Hospital (Korea)
- Vodafone K.K. (Japan)

"The new PRIMEQUEST servers are ideal for mission-critical applications which demand high availability, robust performance, enhanced flexibility and optimum resource usage. The next-generation of PRIMEQUEST servers with the highly-anticipated Intel Itanium 2 processor will deliver an advanced system for large-scale database and online transaction processing environments, legacy modernization, and database/server consolidation," said Tom Egan, VP, Global Service Delivery at EDS.

“The combination of Oracle and the Fujitsu PRIMEQUEST servers let companies operate cost-effectively by taking advantage of industry-standard solutions while achieving high performance and reliability,” said Judson Althoff, VP, Platform Alliances at Oracle. “Oracle believes this new PRIMEQUEST server will enhance reliability, availability and scalability, and will expand with Oracle the customers' choice of business critical IT deployment.”

The new PRIMEQUEST 500 series servers are ideal for mission-critical applications that demand high availability, robust performance, enhanced flexibility and optimum resource usage. Typical application deployments for PRIMEQUEST servers include large-scale database and online transaction processing environments, legacy modernization, SAP platform, and database/server consolidation. Offering up to 64 processor cores accessing 2TB of uniform main memory in a maximum of 16 partitions, PRIMEQUEST is at the forefront of high-end systems capable of hosting business-critical operations.

The PRIMEQUEST 500 servers integrate the dual-core Intel® Itanium® 2 processors with a number of architectural design features from Fujitsu to offer a unique combination of power and flexibility. Coupling the advanced eXtended PARtitioning (XPAR) capabilities of PRIMEQUEST servers with the Itanium® 2 Intel® Virtualization Technology offers customers the most advanced virtualization capabilities on the market. Not only can system resources such as CPU and memory be partitioned, but I/O Units can also be individually partitioned to optimize resource allocations on a per-partition basis. Augmenting the PRIMEQUEST physical partitioning capabilities, future enhancements built upon the Intel® Virtualization Technology technology will host virtual partitions, offering a rich multitude of partitioning options. Furthermore, partitions can be defined with System Mirror mode, offering industry-leading fault immunity in the memory and cross-bar implementation.

“Together Fujitsu and Intel are providing state-of-the-art design and system architecture to give enterprises the flexibility and freedom they desire for mission-critical applications,” commented Thomas Kilroy, Vice President General Manager, Digital Enterprise Group Intel Corporation. “With more than double the performance of previous generation Intel® Itanium® 2 processor-based servers, mainframe-class RAS features, and improved energy efficiency, the new dual-core Intel® Itanium® 2 processor-based servers are ideal for application consolidation in mission-critical data centers.”

PRIMEQUEST 500 servers will be available globally in September, 2006.

Fujitsu continues its collaboration with leading enterprise vendors of Linux systems Red Hat and Novell SuSE, and with the Open Source Development Lab (OSDL), contributing to the hardening of the open operating system for business-critical deployments. Under the Global Alliance Partnership, Fujitsu is also working closely with Microsoft to deliver business-critical environments for Windows applications standards. Furthermore, Fujitsu is working with its partners and the Itanium Solutions Alliance (ISA) to expand the eco-system for the Linux/Windows enterprise.

PRIMEQUEST servers extend the Fujitsu server portfolio from Fujitsu that includes PRIMEPOWER® servers based on the SPARC64® V processor running the Solaris™ operating system and PRIMERGY® Industry Standard servers. Together they provide a comprehensive server portfolio that satisfies different service level requirements for maximum availability and scalability. The new PRIMEQUEST servers are ideal for customers extending their existing mission-critical infrastructures with open-source Linux, Windows and Itanium technologies.

The PRIMEQUEST server line is offered as part of the Fujitsu TRIOLE strategy for optimized

IT, which unites servers, storage, networks and middleware to provide a dynamic and flexible customer IT environment, aimed to increase business continuity, agility and efficiency. Fujitsu will continue to provide and expand TRIOLE templates that include PRIMEQUEST servers, enabling customers to introduce 64-bit mission-critical Linux and Windows technology into the datacenter.

PRIMEQUEST Technical Specifications

	PRIMEQUEST 580	PRIMEQUEST 540	PRIMEQUEST 520
Operating System	Red Hat Enterprise Linux AS (v4 for Itanium) SuSE Linux Enterprise Server 9, 10 for Itanium Processor Family Windows Server 2003 Enterprise Edition for Itanium-based systems Windows Server 2003 Datacenter Edition for Itanium-based systems		
CPU	Dual-Core Intel® Itanium® 2 9050/9020 (1.60/1.42GHz)		
Sockets/Cores	32/64	16/32	8/16
Memory	2TB	1TB	Up to 256GB
Chipset	Fujitsu Developed Chipset		
Internal HDD	32	16	4
Integrated LAN Ports	32	16	4
SCSI Ports	16	8	None
PCI Slots	128	64	20
Partitions	16	8	4

About the TRIOLE Strategy

Fujitsu is committed to providing its customers with products, solutions and services that will further optimize their IT infrastructure and improve their business agility. Its TRIOLE strategy is the aggregate of three core principles: virtualization, automation and integration. Fujitsu has applied these principles to design and deliver highly dynamic IT solutions with the highest levels of compatibility and consistency. The result enables customers to increase efficiency, enhance agility and improve continuity now and into the future. For more information on the TRIOLE strategy please visit: http://www.fujitsu.com/triole.

About Fujitsu Computer Systems Corporation

Headquartered in Sunnyvale, Calif., Fujitsu Computer Systems is a wholly owned subsidiary of Fujitsu Limited (TSE:6702) committed to the design, development and delivery of advanced computer systems and managed services for the business enterprise. The company offers a complete line of high-performance mobile and desktop computers, scalable and reliable servers as well as managed and professional services. Fujitsu Computer Systems emphasizes leading-edge technology, exceptional product quality, and productivity, as well as outstanding customer service. More information on Fujitsu Computer Systems is available at http://us.fujitsu.com/computers.

About Fujitsu

Fujitsu is a leading provider of customer-focused IT and communications solutions for the global marketplace. Pace-setting device technologies, highly reliable computing and communications products, and a worldwide corps of systems and services experts uniquely position Fujitsu to deliver comprehensive solutions that open up infinite possibilities for its customers' success. Headquartered in Tokyo, Fujitsu Limited (TSE:6702) reported consolidated revenues of about 4.8 trillion yen (US$40.6 billion) for the fiscal year ended March 31, 2006. See http://www.fujitsu.com for further information.

[1] PRIMEQUEST 480 was the recipient of the 6th annual eWeek Excellence Awards (2006), in the category of Server Hardware