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systems

Oracle Buys Xsigo

**Extends Oracle's Virtualization Capabilities with Leading Software-Defined
Networking Technology for Cloud Environments**

September 12, 2012

Oracle is currently reviewing the existing Xsigo product roadmap and will be providing guidance to customers in accordance with Oracle's standard product communication policies. Any resulting features and timing of release of such features as determined by Oracle's review of Xsigo's product roadmap are at the sole discretion of Oracle. All product roadmap information, whether communicated by Xsigo or by Oracle, does not represent a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. It is intended for information purposes only, and may not be incorporated into any contract.

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This presentation contains certain forward-looking statements about Oracle and Xsigo, including statements that involve risks and uncertainties concerning Oracle's acquisition of Xsigo, anticipated customer benefits and general business outlook. When used in this presentation, the words "anticipates", "can", "will", "look forward to", "expected" and similar expressions and any other statements that are not historical facts are intended to identify those assertions as forward-looking statements. Any such statement may be influenced by a variety of factors, many of which are beyond the control of Oracle or Xsigo, that could cause actual outcomes and results to be materially different from those projected, described, expressed or implied in this presentation due to a number of risks and uncertainties. Potential risks and uncertainties include, among others, the possibility that the anticipated synergies of the combined companies may not be achieved after closing, the combined operations may not be successfully integrated in a timely manner, if at all, general economic conditions in regions in which either company does business, and the possibility that Oracle or Xsigo may be adversely affected by other economic, business, and/or competitive factors. Accordingly, no assurances can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what impact they will have on the results of operations or financial condition of Oracle or Xsigo. You are cautioned to not place undue reliance on forward-looking statements, which speak only as of the date of this presentation. Neither Oracle nor Xsigo is under any duty to update any of the information in this presentation.

The Announcement

- **Oracle buys Xsigo Systems**

- Extends Oracle's virtualization capabilities with leading software-defined networking technology
- More information can be found at oracle.com/xsigo
- The transaction has closed

- **About Xsigo Systems**

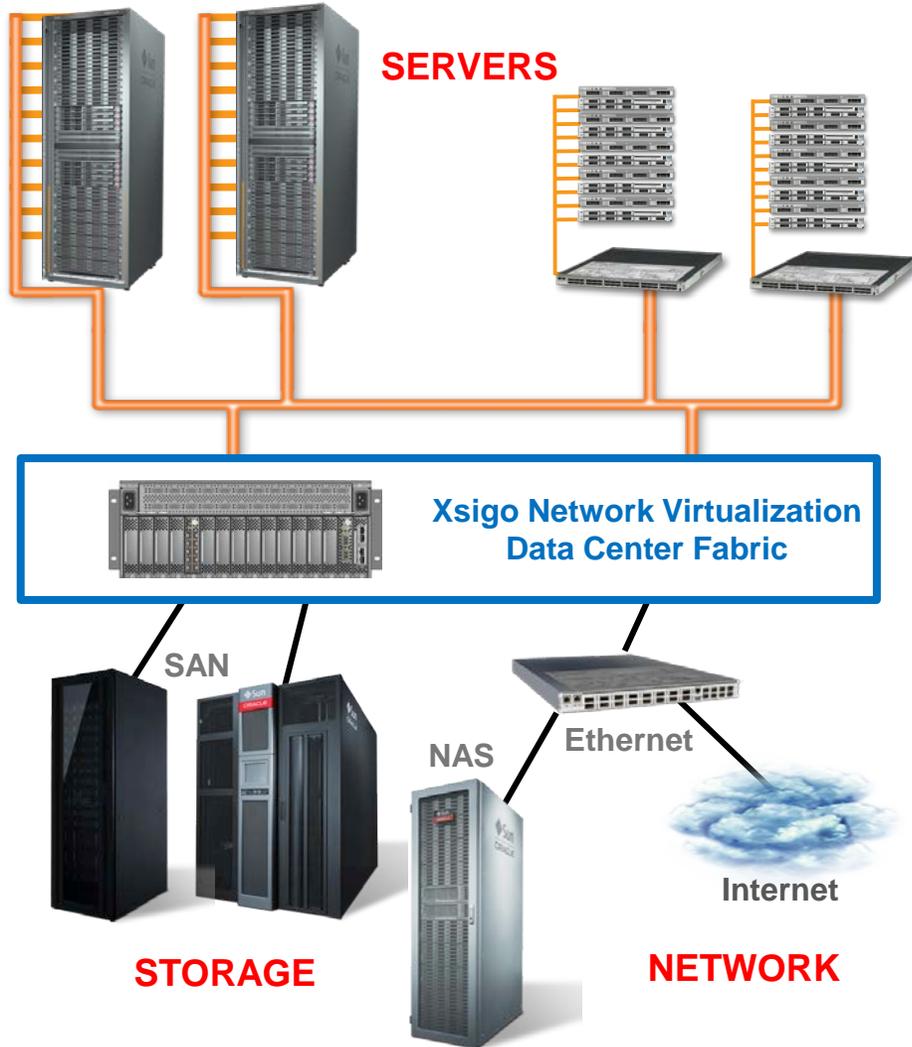
- Private company, founded in 2004 and headquartered in San Jose, CA
- Xsigo's network virtualization technology simplifies cloud infrastructure and operations by allowing customers to dynamically and flexibly connect any server to any network and storage, resulting in increased asset utilization and application performance while reducing cost
- The company's products have been deployed at hundreds of enterprise customers including British Telecom, eBay, Softbank and Verizon

- **The combination is expected to deliver a complete set of virtualization capabilities for cloud environments**

- Xsigo for network virtualization benefits cloud deployments with over 100 Gbps throughput per server at less than 50% of the cost
- Oracle VM for server virtualization benefits cloud deployments with 4x the scalability of VMware at 25% of the cost

Cloud Computing Demands Dynamic Provisioning

Xsigo Data Center Fabric for Network Virtualization Reduces Cost and Complexity



Virtualized servers must have virtualized infrastructure

- Virtualized servers need far more network and storage connections
- Creation and migration of virtual machines requires on-demand network and storage resources that can be relocated seamlessly

Xsigo connects any server to any network and storage

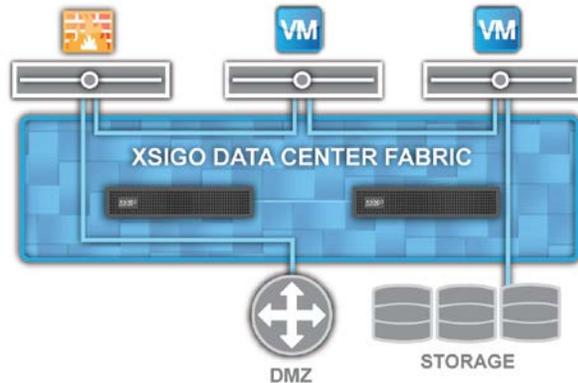
- Eliminates the cost and complexity of fixed server connections to multiple, sole-purposed networks
- Captures the untapped value of underutilized LAN and SAN resources
- Enables dynamic virtual server I/O creation and migration
- Simplifies management of cloud infrastructure and operations

Clouds deploying Xsigo:

- Reduce network infrastructure complexity by over 70%
- Reduce connectivity costs by over 50%
- Reduce power consumption by over 30%

Xsigo Product Overview

Xsigo Data Center Fabric for Network Virtualization Includes the Following Components



Fabric Directors

- Xsigo's Fabric Directors dynamically connect servers to all cloud resources instead of manually connecting servers to multiple network and storage devices resulting in fewer switches, cards and cables
- High performance, low latency InfiniBand connectivity
- Over 100 Gbps connectivity to each server
- Scalable with up to 15 I/O modules per Director

Fabric Accelerator

- Fabric Accelerator dynamically connects VMs and servers to networks, storage and other VMs through Xsigo's Private Virtual Interconnect, a software-defined link between two resources

Fabric Manager

- The Fabric Manager interface allows the creation, monitoring and management of network and storage connections across all servers from a single management point

Oracle and Xsigo

The Most Complete Technology Portfolio for Cloud Deployments

 = ORACLE  = XSIGO systems

Oracle Enterprise Manager

OPS Center

Oracle VM Manager

Xsigo Fabric Manager

Hardware Management

Operating Systems

ORACLE
SOLARIS

ORACLE
LINUX

Virtualization

Oracle VM

Xsigo Network Virtualization



Engineered Systems



Servers



Storage



Xsigo Fabric Director

Fabric

ORACLE

Xsigo's Customers Include Leaders Across Industries

- Deployed in mission-critical cloud environments
- Over 300 enterprise customers across key industries



* Customer information and logos provided by Xsigo.

Customer Success Story

Increased Performance and Flexibility with Reduced Power, Space and Cooling Utilization



COMPANY OVERVIEW:

- CARFAX is the most trusted provider of vehicle history information used by millions of consumers each month. CARFAX maintains a comprehensive database with over 10 billion records

XSIGO AND ORACLE SOLUTIONS:

- Two Xsigo VP780 Fabric Directors, InfiniBand Fabric
- Oracle VM
- Oracle RAC

CHALLENGES:

- Improve server connectivity, create isolated test and development environments and create a more efficient and agile R&D environment while saving power, space and cooling by standardizing on blade servers to remain in the existing data center footprint

RESULTS:

- Achieved 40Gb of bandwidth that is dynamically allocated to maximize network utilization
- Xsigo helped boost Oracle RAC performance by 20%-30%
- Latency reduced to as low as 100 nanoseconds
- Backup time was reduced by 33%
- Accelerated deployment of Oracle Database from hours to 15 minutes

* Customer information and logos provided by Xsigo.

Customer Success Story

40% More Usable Bandwidth per Server with 97.5% Fewer Networking Devices

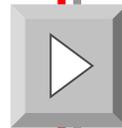


COMPANY OVERVIEW:

- Bluelock is an enterprise cloud hosting provider that helps companies get started with projects quickly while delivering the freedom to change as IT needs evolve

XSIGO SOLUTIONS:

- Two Xsigo VP780 Fabric Directors, InfiniBand Fabric



CHALLENGES:

- Complexity and increased cost of traditional networking did not meet Bluelock's growth objectives
- Needed to decrease the time required to migrate a virtual machine from one host to another
- Traditional networking also made it difficult to add compute capability or new resources

RESULTS:

- 17x more virtual machines per hardware device
- 66% less cabling
- 97.5% fewer network devices
- 8x greater virtual machine capacity
- 40x more usable bandwidth per server
- Improved power consumption and uptime

* Customer information and logos provided by Xsigo.

Customer Success Story

6x More Bandwidth per Blade Chassis with 50% Less Infrastructure Equipment



COMPANY OVERVIEW:

- Kroll Factual Data provides credit reporting and independent verification services to lenders, investors, government agencies and other institutions and responds to over 300,000 information queries a day

XSIGO SOLUTIONS:

- Two Xsigo VP780 Fabric Directors, InfiniBand Fabric



CHALLENGES:

- Bottlenecks arising from increasing server-to-server traffic crossing the network
- Needed redundancy on all connections to meet stringent uptime requirements
- Sought to complete virtualization landscape with network virtualization

RESULTS:

- 6x more bandwidth to each blade chassis
- Full redundancy on all Fibre Channel and Ethernet network connections
- 50% less compute cost, \$15,000 saving per blade chassis
- Bottleneck issues resolved in 2 hours vs. 5 days

* Customer information and logos provided by Xsigo.

Summary of Combination

Oracle + Xsigo = Increased Performance, Simplicity, Agility and ROI

Oracle Servers

The Best Systems for Any Enterprise Requirement

Oracle Storage

Architected for Optimal Application Performance

Oracle VM

4x More Scalable at $\frac{1}{4}$ the Price of VMware

Xsigo Network Virtualization

Built for Any Cloud Environment

For more information please visit oracle.com/xsigo

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