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Innovation without Limits

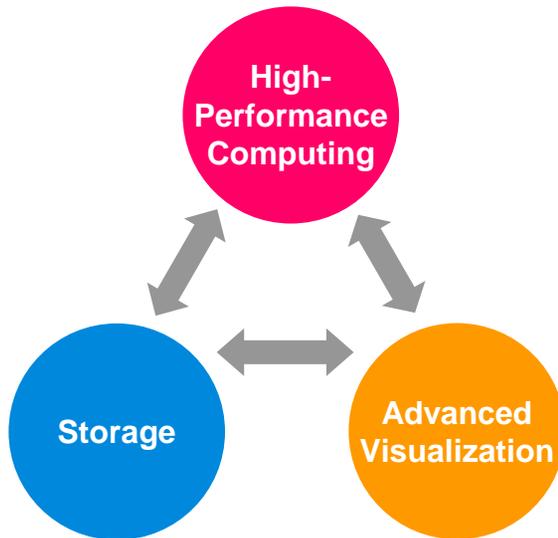
SGI® High Performance Computing

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sgi®

SGI® Core Technology Offerings



- Linux® OS and Intel® Itanium® 2 Processor-based platform
- Scales up and out
- Programming models and libraries
- System partitioning and resource management



- I/O performance
- File systems
- Data management
- Networking
- Distributed data access



- Unmatched visualization
- Leverages industry and open standard components
- Single-user and collaborative
- Large-model visualization
- Real-time and distributed visualization

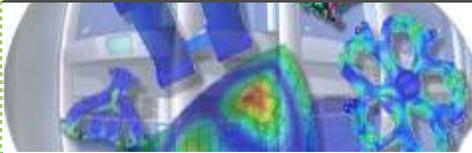


Delivering technology that enables significant scientific and creative breakthroughs

Key Application Areas

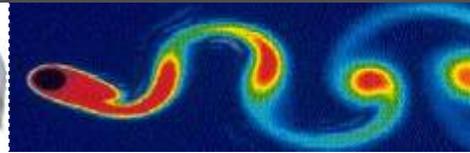
SGI technology supports all categories of HPC applications.

CSM Computational Structural Mechanics



Anchor applications: NASTRAN, ABAQUS/Standard, ANSYS, MARC, PERMAS, LS-DYNA, PAM-CRASH, RADIOSS, MADYMO, ABAQUS/Explicit

CFD Computational Fluid Dynamics



Anchor applications: FLUENT, STAR-CD, PowerFLOW, CFXS, Fire, VECTIS

CCM Computational Chemistry and Materials Science



Anchor applications: Gaussian, GAMESS, Amber, CHARMM, NAMD, CASTEP, Dmol3, VASP, ADF, Band, WIEN2k, GROMACS, VAMP, AutoDock, DOCK00

BIO Bioinformatics



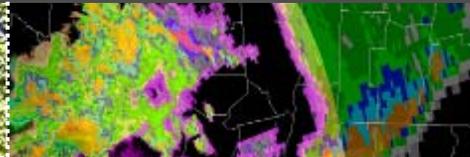
Anchor applications: BLAST, FASTA, ClustalW, HMMER, Phrap, Wise2, GCG, PHYLP, D2_cluster, EMBOSS

SPI Seismic Processing and Interpretation



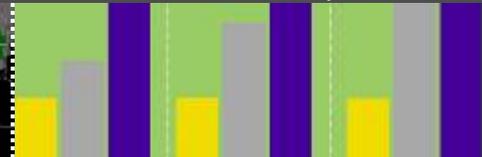
Anchor applications: ProMAX, OMEGA, SeisUP, EPOS, Geovector, GeoDepth

CWO Climate/Weather/Ocean Simulation



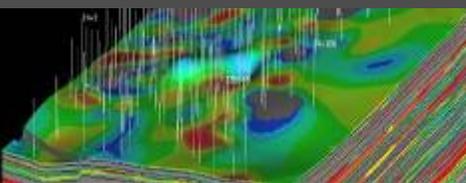
Anchor applications: MM5, WRF, CCM3, MOM4, POP, Aladin, IFS, ECCO

DMB Data Mining/Business Analytics



Anchor applications: SAS, Mineset, S-PLUS, PV-WAVE

RES Reservoir Simulation



Anchor applications: VIP, Eclipse

RAY Ray Tracing/Image Processing



Anchor applications: Star-Ray, mental ray, inTrace

CEM Computational Electromagnetics



Anchor applications: Xpatch, FMS™, MM3D, FEKO, PAM-CEM

DSP Digital Signal Processing

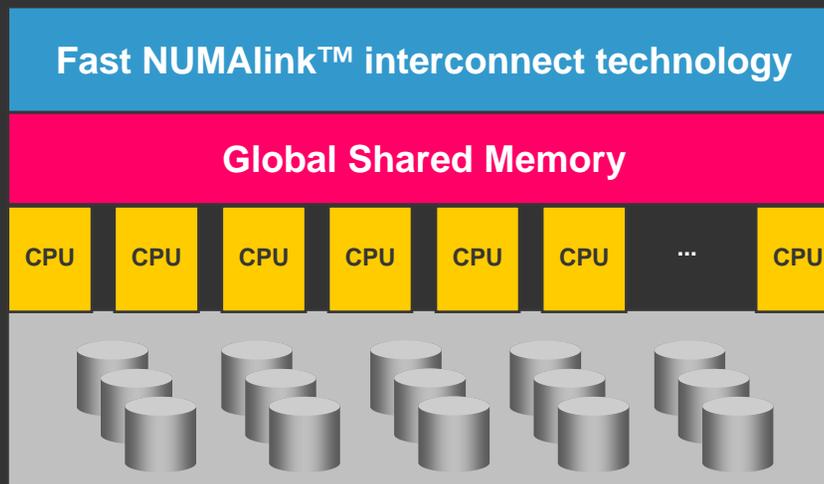


Anchor applications: MATLAB, proprietary applications

SGI® Altix® Server High-Performance Architecture

- NUMAflex™ global shared memory and ultra-high bandwidth interconnect
- Modular, expandable architecture—processors, I/O, memory
- SGI ProPack™ software feature for Linux® OS optimizations for HPC

SGI® Altix® Family



- All processors operate on one large shared-memory space
- Industry's highest bandwidth interconnect at 6.4GB/second
- High performance, low cost, easy to deploy

Linux® Operating System Options

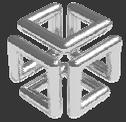
Novell® SUSE® LINUX® Enterprise Server:

- Novell well-established in many markets
- Seasoned, broad technical expertise
- Significant enterprise experience, long list of Channel partners



SGI® ProPack™ software feature for Linux OS:

- HPC enhancements
- Available with Novell SUSE LINUX Enterprise Server



Red Hat™ Enterprise Linux:

- Strong OEM and ISV acceptance
- Solid OSS community standing
- Good investment backing and cash, large market share in U.S.



SGI Advanced Linux™ Environment:

- Red Hat binary, compatible code-base
- Maintenance support only*



* Note: The SGI Advanced Linux Environment 3 with SGI ProPack software feature for Linux OS is in "Maintenance Support Only" mode. Additionally, for the SGI® Altix® 330 server, SGI will not pursue ISV software product certifications for the SGI Advanced Linux Environment.

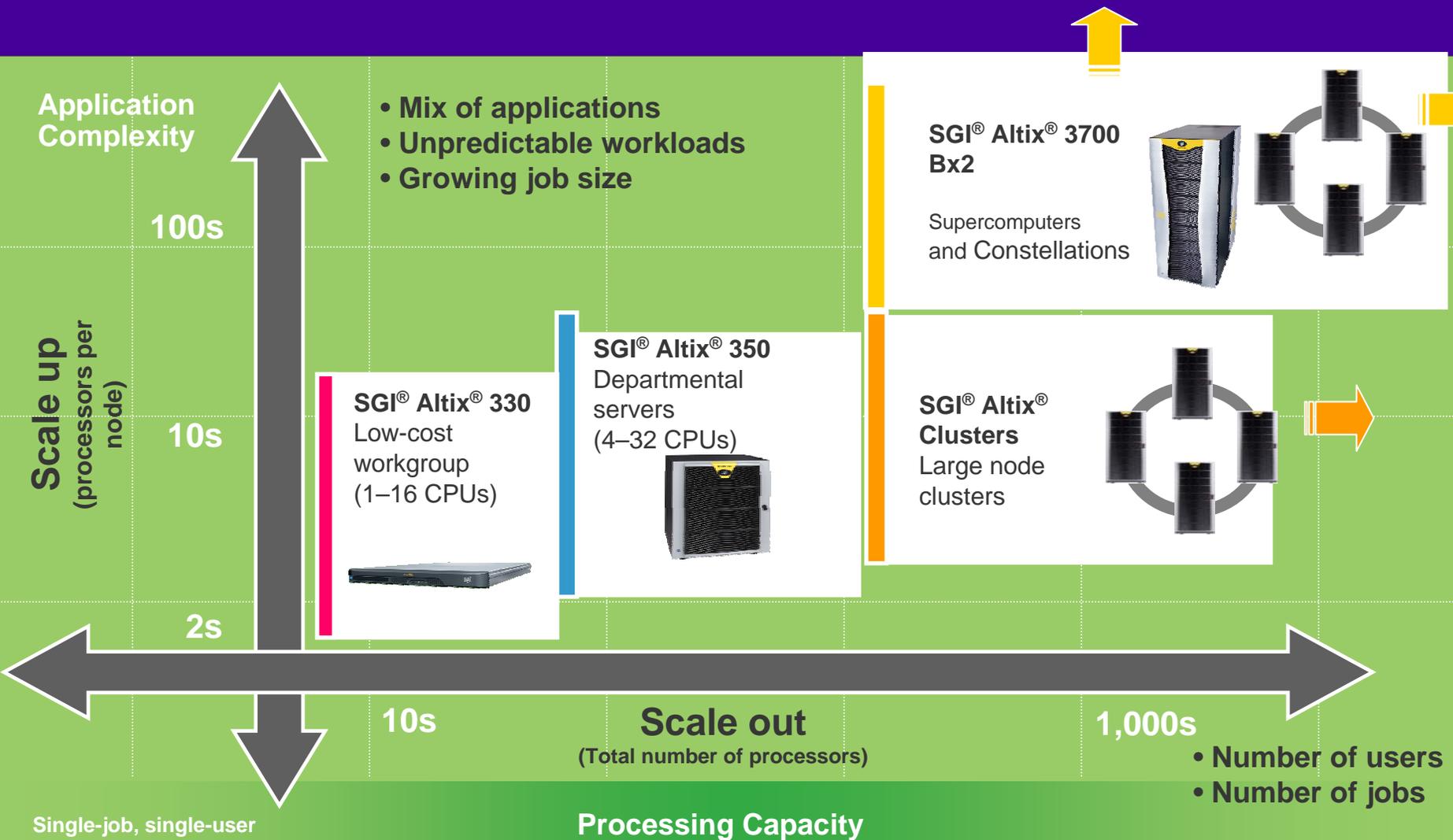
SGI ProPack™ HPC Accelerator

**SGI ProPack™
for Linux®**

**Standard Linux
Distribution**

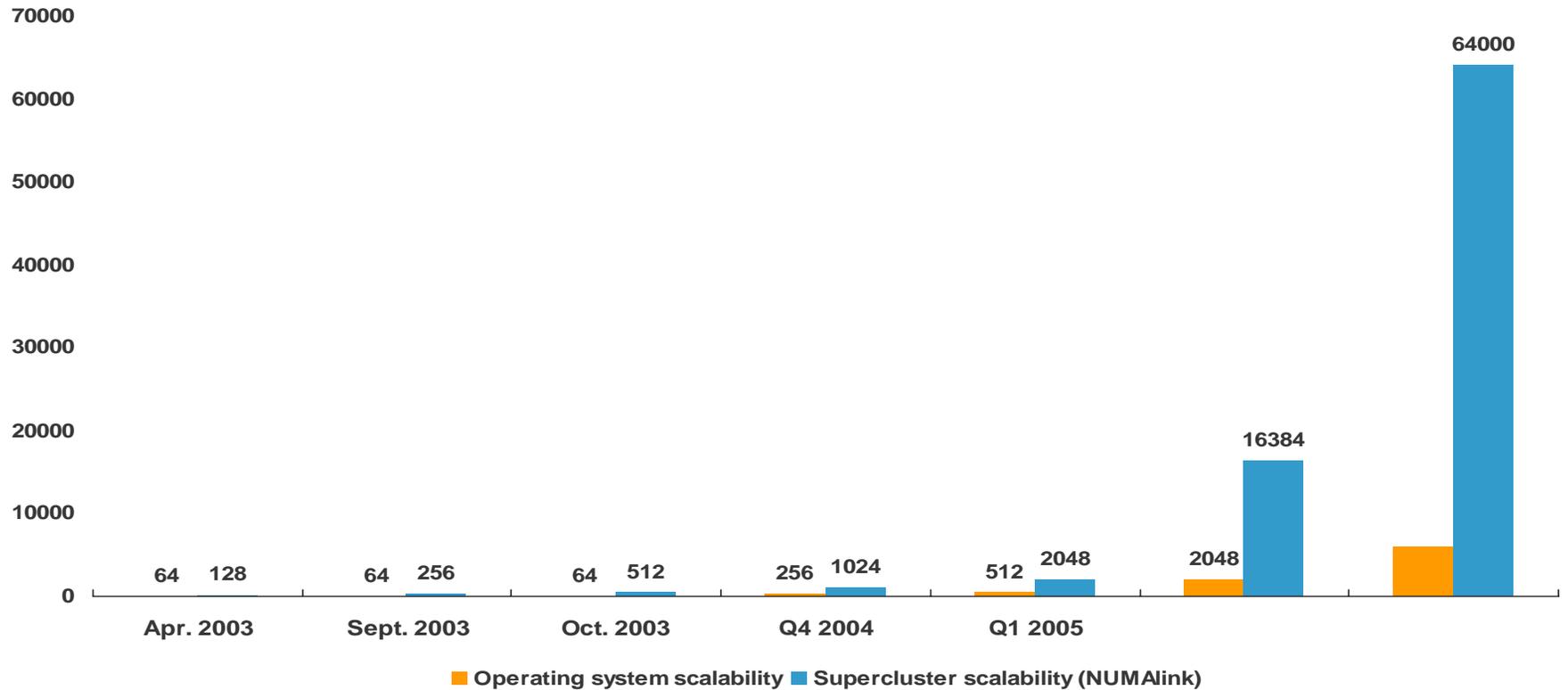
- **HPC libraries, products and extensions not available in standard Linux® distribution**
- **Includes open and closed-source software:**
 - SCSL, MPT
 - XVM
 - Performance Co-Pilot™
 - CPUsets and dplace
 - CSA (comprehensive system accounting)
 - FFIIO libraries
 - DMF and CXFS™ (available separately Q3 CY05)
 - Graphics support (SLES 9 in Q3 CY05)
- **Novell® SUSE LINUX Enterprise Server 9**
- **Base and common open-source apps**
 - Kernel platform support
 - Commands, libraries, 100s of RPMs, etc.

SGI® Altix® Servers



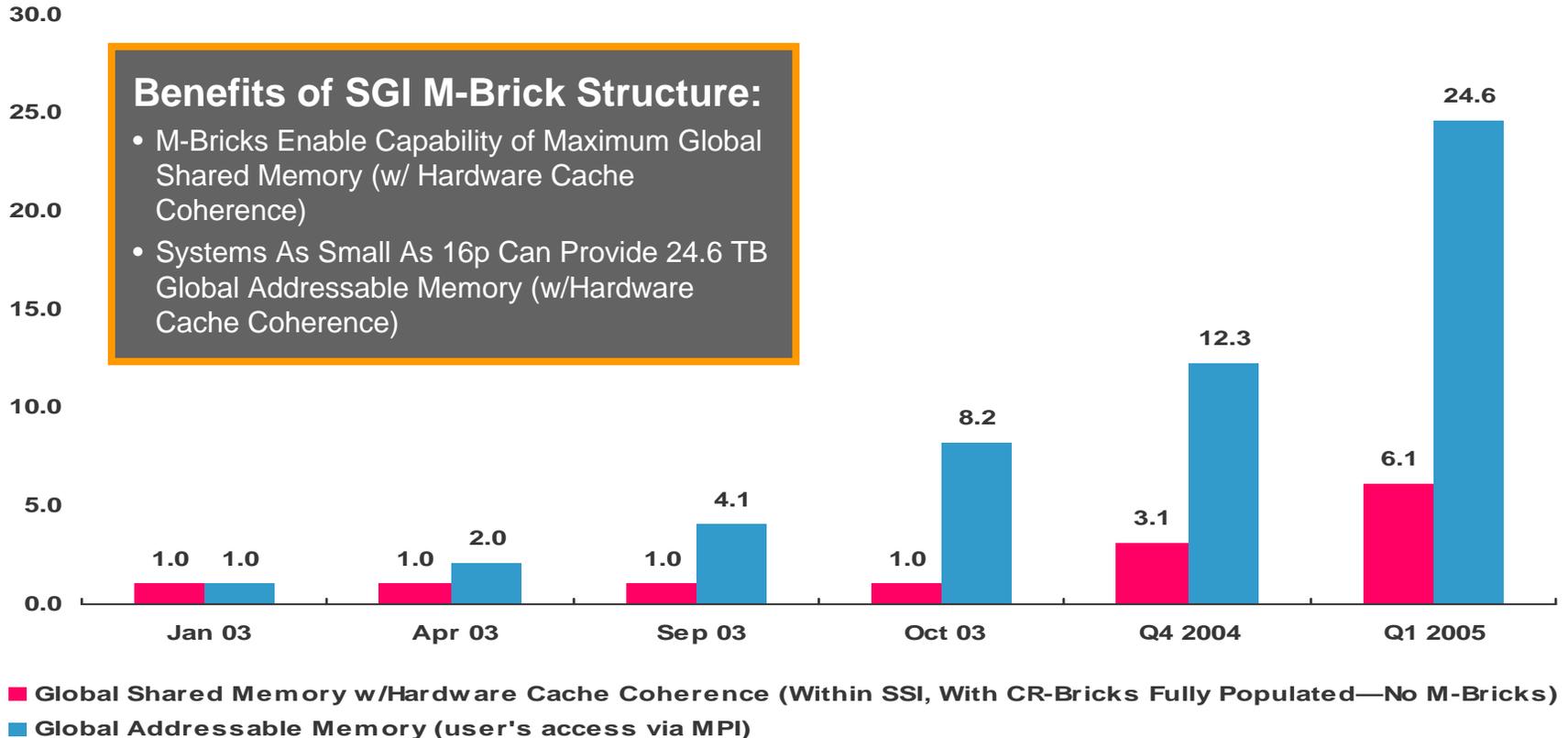
SGI® Altix 3700 Bx2 Platform: World's Most Scalable Linux® Supercomputer!

System Scalability—Number of Processors Supported

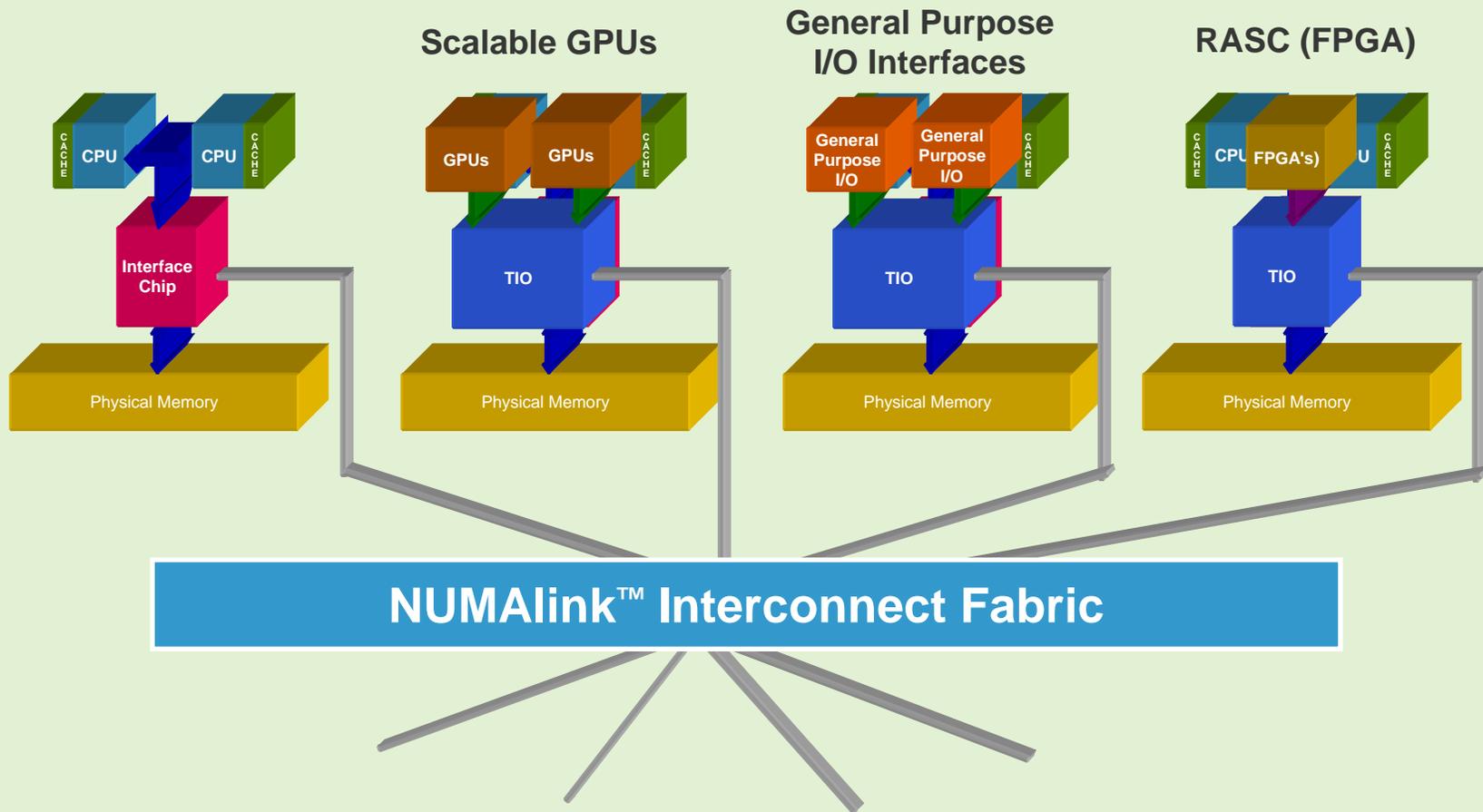


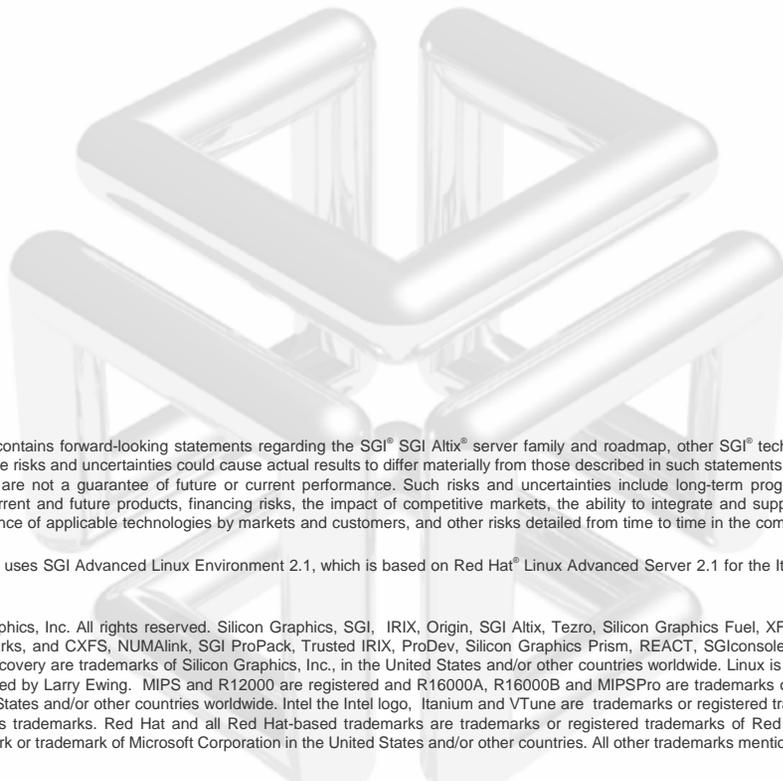
SGI® Altix 3700 Bx2 Platform: World's Most Scalable Linux® Supercomputer

SGI Standard Memory Scaling



SGI Multi-Paradigm Computing Architecture





This presentation contains forward-looking statements regarding the SGI® SGI Altix® server family and roadmap, other SGI® technologies, and third-party technologies that are subject to risks and uncertainties. These risks and uncertainties could cause actual results to differ materially from those described in such statements. The viewer is cautioned not to rely unduly on these forward-looking statements, which are not a guarantee of future or current performance. Such risks and uncertainties include long-term program commitments, the performance of third parties, the sustained performance of current and future products, financing risks, the impact of competitive markets, the ability to integrate and support a complex technology solution involving multiple providers and users, the acceptance of applicable technologies by markets and customers, and other risks detailed from time to time in the company's most recent SEC reports, including its reports on Form 10-K and Form 10-Q.

SGI SGI Altix 3000 uses SGI Advanced Linux Environment 2.1, which is based on Red Hat® Linux Advanced Server 2.1 for the Itanium Processor, but is not sponsored by or endorsed by Red Hat, Inc., in any way.

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Thank You