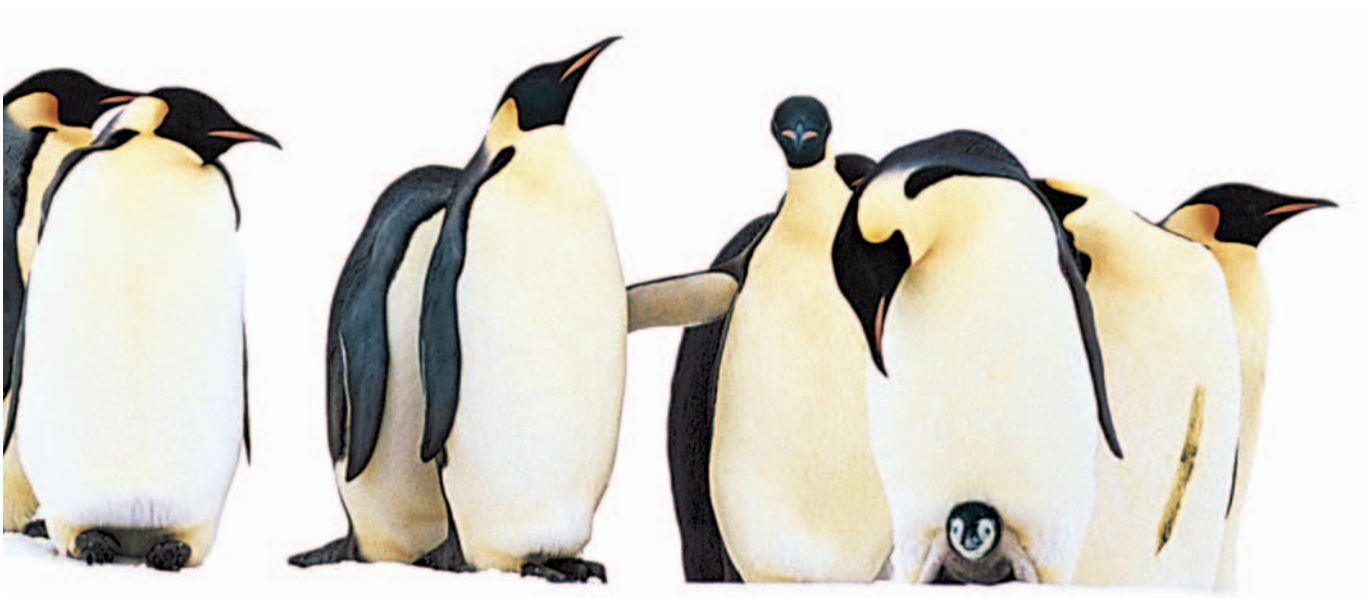


The IT Landscape Has Changed.  
Maybe It's Time You Did, Too.





# ALTIX®

## > Step up to Linux® without limits

Now there's a great reason to evolve your data center from expensive proprietary systems. The award-winning SGI® Altix® family of servers delivers standards-based technology with a powerful combination of outstanding performance, cost-effectiveness, flexibility, and freedom of choice the competition can't match. Based on the industry-standard Linux® operating system and the Intel® Itanium® 2 microprocessor, SGI's Altix has become the world's premier Linux platform—one so open, you can step up right now.

## > Open your options and scale to new heights

One way SGI Altix systems stand out is their soaring scalability. As your computing needs grow, you want a solution that will grow seamlessly as well. While some Linux systems allow you to scale up to eight processors, the Altix family scales up to hundreds—in a single Linux system image. And you can independently scale processors, memory, and I/O. Other systems can only take you so far, but SGI Altix really allows you to expand your horizons.

## > Move up to top performance

Altix systems are proven best-in-class, outperforming proprietary systems costing three times as much. This is possible because SGI combined its years of expertise in shared-memory architectures and high-performance computing software with the best of standards-based technology. So instead of sacrificing both your hard-earned money and freedom of choice for peak performance, with SGI Altix you can have it all. Without compromise.



# NUMAflex™

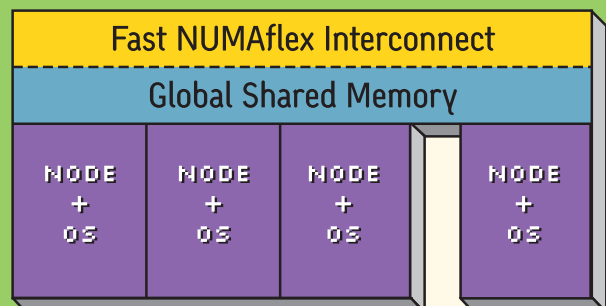
## > Enter a climate of peak productivity

The outstanding performance of SGI Altix servers owes a lot to SGI's revolutionary NUMAflex global shared memory architecture. This revolutionary design puts memory within easy reach of the processors that need it most, enabling all system processors to share memory, wherever it resides. So a move to SGI Altix servers means a quantum leap in productivity.

## > Eliminate wasted resources and bottlenecks

The lightning-fast SGI® NUMAlink™ interconnect fabric means that vast amounts of data can now be held and processed in memory, delivering results in record time. Altix dynamically reassigns system resources on the fly to areas where they're most needed. No resources are wasted, information is shared faster, and work gets done sooner.

Rather than waiting for all of the processors to complete their assigned tasks, in the NUMAflex architecture, the system operates on large amounts of data directly in memory and dynamically reassigns resources for optimal execution. This means that you can get more work done in less time, dramatically reducing time-to-solution.



# LINUX

## >The OS comes of age

A lot has changed since the genesis of Linux. In a demanding technology and business environment where only the strongest survive, Linux has grown and thrived to become a robust, feature-rich OS, comparing favorably with established UNIX operating systems, finding strength in the collective brainpower and contributions of thousands of developers worldwide.

## >Remove migration roadblocks

With all this, it's no surprise that businesses are now migrating to the Linux environment in droves. But not all migration paths are created equal. Too many companies penalize customers with costly solutions that don't scale on Linux, and don't support the full benefits of Linux openness. Some vendors even view Linux as a loss leader, and will work quickly to move customers to proprietary systems. That's where the SGI difference is black and white.

## >SGI is behind Linux 100%

SGI has put enormous resources and commitment behind Linux. Not because it is a popular trend, but because we believe it will deliver the best overall value. SGI knows Linux. We even helped extend it with performance optimizations to meet the demanding requirements of HPC users. So we've watched its evolution into an OS to which the world's best and brightest software engineers want to contribute. Today, Linux offers you a broad choice of available applications as well as access to the dynamic Linux community.



# MIGRATE

## >Get on the right path

With SGI Altix servers, you can start taking advantage of the power, stability, and cost-effectiveness of Linux right now, without the limits and expense associated with proprietary systems.

Altix systems, while designed to take on the most complex computing tasks and deliver outstanding performance, still provide customers with the flexibility of Linux and Linux standardization in systems management across heterogeneous environments. And while SGI wants to be your vendor, we're more interested in ensuring your ability to work with multiple vendors for maximum flexibility. So you'll never be locked in.

## >SGI will help you make the move

SGI has a long history of contributing to the Open Source development that is still going strong. Creating this unique opportunity for you to migrate to Linux is the next step in the journey. Why not take it today?

## >Get started now at [www.sgi.com/migrate](http://www.sgi.com/migrate)



# Bring the power of Altix and Linux to your enterprise.

>Here are just a few reasons customers are migrating to Linux with SGI today:

1. **Superior Linux platform dramatically reduces time to solution**
2. **Full scalability to hundreds of processors on one operating system image: Linux**
3. **Unified OS for reduced development and administration costs**
4. **Immediate access to technology advances in the Linux community**
5. **Large and growing portfolio of Open Source applications**
6. **Superior price/performance**
7. **Freedom from hostage technology**
8. **SGI's unique "single-source support" model**
9. **Industry-leading speed of the Intel Itanium 2 processor**
10. **SGI ProPack™ optimizations that make HPC applications fly**

## **Don't migrate alone**

SGI offers special migration services to help you evolve to an advanced Linux platform. This includes migration of key applications/ environments from 32-bit Linux systems and UNIX systems from Sun, IBM, HP, and others. And our assistance doesn't stop there. When it comes to service and support, SGI continually receives the highest ratings in customer satisfaction. Support options range from standard to 24/7 availability for customers with critical support requirements. And SGI provides direct support for your entire Linux platform, so that you can resolve any Altix or Linux support issues at one place: SGI.

## **Hundreds of software partners**

You're not alone when it comes to software, either. SGI works closely with third parties to ensure a robust software offering. There are already over 1,000 application solutions for Linux on SGI, for industries as diverse as energy, manufacturing, defense, media, and all the sciences. Application categories include CAE, computer-aided simulation, MCAD, and weather and environmental modeling—and that's just the tip of the iceberg. The SGI Third-Party Applications Directory provides a comprehensive guide to them all. Even better, SGI ProPack turbocharges your Linux environment for unbeatable performance.

## **Stay ahead of the pack**

SGI believes passionately in the power of the distributed intelligence that Open Source taps. For years SGI has worked with the Open Source community to help further the development of Linux for HPC. Today SGI is committed to providing enterprise-caliber support and service to Linux and Open Source developers using SGI systems. The SGI Global Developer Program supports Linux developers by providing development and business resources. Developers deserve a supportive environment. SGI makes sure they'll always have it.



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