

# SCO

FACT SHEET

## SCO Delivers UnixWare 2.1 Strategic Thrust Into Enterprise Market

### Executive Overview

On February 12th, 1996, SCO announced the availability of SCO<sup>®</sup> UnixWare<sup>®</sup> 2.1, the first industry-standard enterprise-class server operating system for Intel<sup>®</sup> platforms. SCO UnixWare 2.1 signals a new strategic thrust for SCO into the enterprise market. The availability of SCO UnixWare 2.1 is also the first step toward SCO's project Gemini (SCO's merger of SCO UnixWare and SCO OpenServer<sup>™</sup>) and the forthcoming next-generation 64-bit UNIX<sup>®</sup> technology (jointly announced today by both SCO and HP).

What was announced:

1. Availability of SCO UnixWare 2.1, the first step towards Gemini and the next-generation 64-bit UNIX technology, and SCO's thrust into the market for enterprise-class servers.
2. SCO UnixWare 2.1 is the first industry-standard enterprise-class server operating system for advanced Intel environments.
3. Key OEMs endorse SCO UnixWare 2.1 as a platform for enterprise solutions: Unisys, ICL, Chen Systems, Compaq<sup>®</sup>, SNI, Sony and Olivetti.
4. Key ISVs endorse SCO UnixWare 2.1 as a strong enterprise platform: Oracle<sup>®</sup> and IBI.
5. A new world-record breaking TPC/C benchmark is achieved from the combination of SCO UnixWare, Oracle and Compaq.

On December 6, 1995 SCO announced that it had completed its purchase of the UNIX business from Novell, Inc., making SCO the first company to provide both the technology development and the global channel infrastructure required to ship UNIX systems in volume.

### Significance of the Announcement

1. The UNIX market is further consolidating around SCO as the high-volume UNIX operating system provider with integrated Enterprise and network services
2. Customers and developers can begin developing on a UNIX platform with a reliable and easy migration path to "Gemini" and forthcoming 64-bit networked computing environments
3. OEMs will be able to leverage a common core enterprise-class operating system that delivers a wider selection of development tools, database management systems, systems management software and enabling technologies.
4. ISVs will be able to spend less time porting and maintaining applications and tools on multiple UNIX environments and more time optimizing and enhancing their offerings.

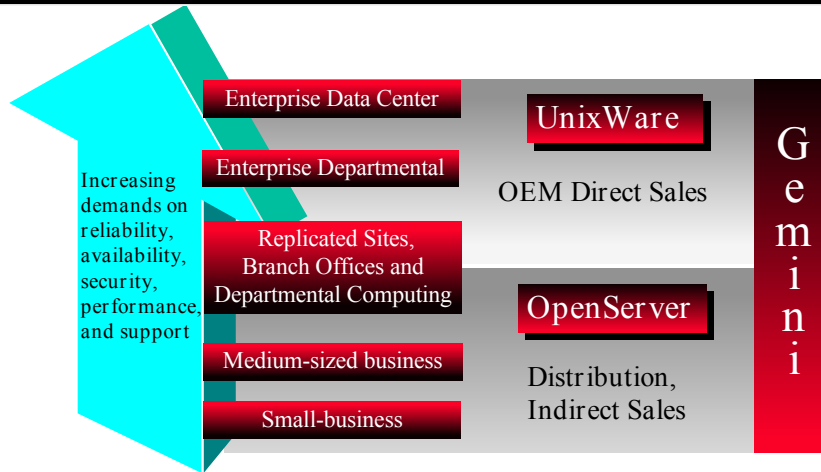
### Key New "Enterprise Enabling" Features Of SCO UnixWare 2.1

SCO UnixWare 2.1 provides businesses with a highly reliable, cost-effective, networked operating system platform with a strong migration path to 64-bit UNIX technology. SCO UnixWare 2.1 features a range of enterprise-enabling technologies, including this list of key new features:

1. **High Reliability and Availability:** RAID 5 with hot-insertion and removal support, IP failover and aliasing.
2. **Enhanced Network Services:** NetWare<sup>®</sup> 4.1 File/Print and Directory services with graphical administration.
3. **Improved Performance and Scalability:** World record-breaking TPC/C's, faster networking.
4. **Advanced Hardware Optimizations:** Newest SMP architectures supported, Pentium-Pro code optimization.

Please refer to the SCO UnixWare Technology Whitepaper for complete details on new features.

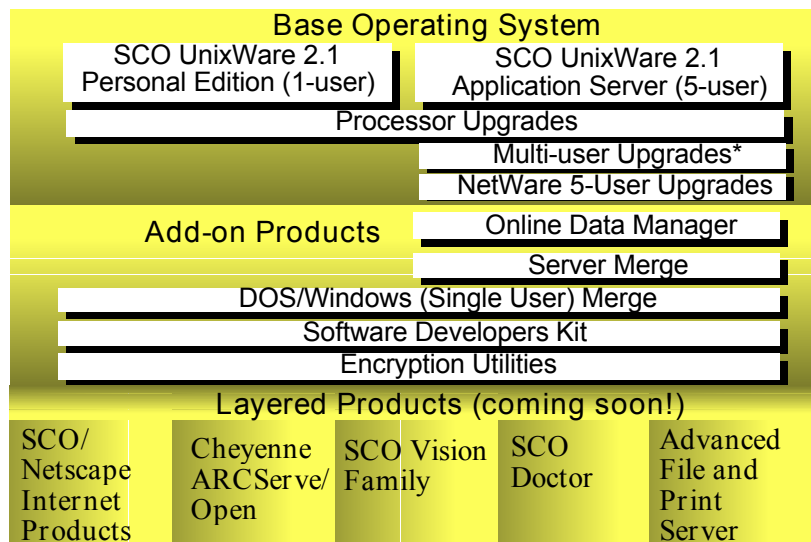
# SCO Business Critical UNIX Systems



It is SCO's goal to consolidate the UNIX systems market and deliver a common, highly scalable server system that can be deployed in small businesses as well as in enterprise data centers. SCO's first step in achieving this objective is to extend SCO's offering into the enterprise market. Much of today's SCO UnixWare and SCO OpenServer business is focused on small to medium sized businesses and replicated sites and branch automation environments. In partnership with OEMs, enterprise ISVs, and high-end Systems Integrators, SCO plans on extending its offerings to the enterprise market using SCO UnixWare as the lead product. Although very similar, SCO OpenServer and SCO UnixWare each has its own unique strengths and customers should make their purchase decision based on which capabilities they need. SCO UnixWare is SCO's new enterprise-class operating environment that offers exceptional price/performance and scalability along with the best UNIX systems integration of NetWare services available. SCO OpenServer offers the widest support of business applications along with the tightest integration with Windows<sup>®</sup> clients. Regardless of which product is deployed today, both SCO OpenServer and SCO UnixWare will provide a smooth transition to the Gemini release.

## SCO UnixWare Product Family

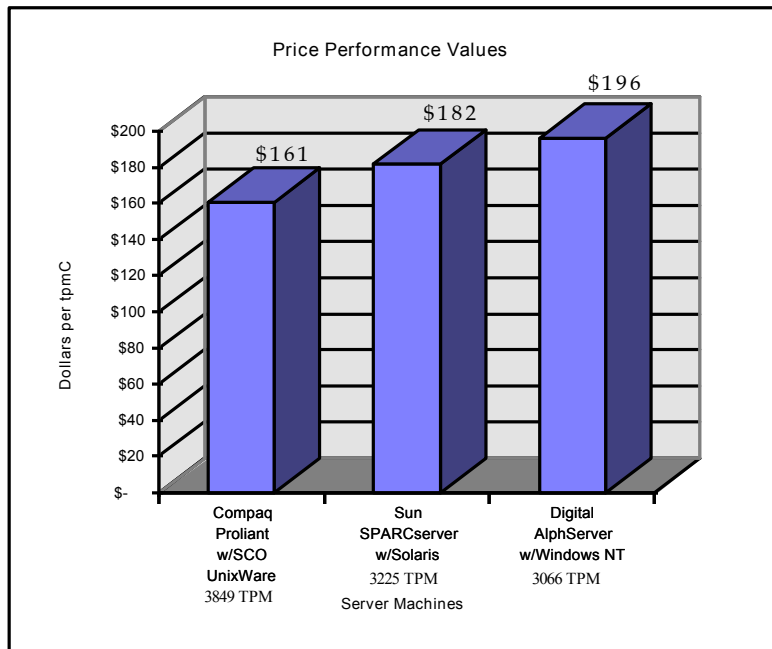
The SCO UnixWare 2.1 product family is comprised of a complete suite of products and services. The Application Server is a multi-user server configuration of UNIX System V release 4.2MP. It includes support for 5-users and will accept additional user upgrade licenses. UnixWare 2.1 also now features NetWare 4.1 file, print and directory services through the NWS component. Other SCO products supported on the Application Server are the Online Data Manager which provides dynamic storage management using RAID, SCO UnixWare 2.1 processor upgrades, Windows and DOS functionality under UNIX using Server Merge, SCO UnixWare 2.1 Encryption DES Utilities (US Only) and the Software development kit. Also available is the single-user Personal Edition for workstation environments. and the upcoming availability of Internet Services\*, Management and Tuning products\*, Windows Client Integration Services\*, and NT--based Advanced File and Print Server\* (\*check with SCO on availability).



\*5, 10,25, 100, 500, Unlimited users

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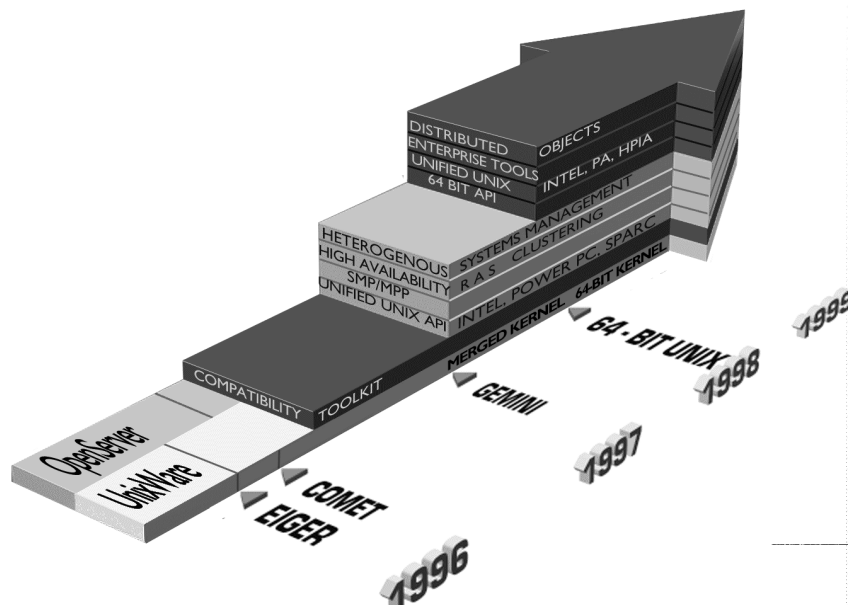
# SCO UnixWare Delivers Enterprise-Class Performance



The bar chart above shows the top 3 price performance leaders in TPC-C benchmarks with SCO UnixWare as the operating system platform setting a new world record for the best price/performance of TPC-C benchmarks. The new record of \$161 per tpmC beats the old record of \$182 per tpmC and out performs the old mark by over 600 tpmC's. Richard French, Oracle's vice president, Intel UNIX Products Division, said Oracle endorses SCO's product direction and eagerly awaits the technical enhancements that SCO is making to their operating systems. Already, Oracle and SCO have demonstrated remarkable performance in fully audited TPC-C benchmarks, providing the best industry price performance as well as the best price performance ever on any system below \$1 million at 3849 tpmC (\$161/tpmC).

## The Road To "Gemini"

SCO has outlined a product roadmap in which both SCO OpenServer and SCO UnixWare will continue to be individually supported and enhanced. Following the release of SCO UnixWare 2.1 (Eiger), an enhanced SCO OpenServer (Comet Release) is expected in mid 1996. Following Comet, a software Compatibility Toolkit is expected in the summer of 1996. The Compatibility Toolkit will enable developers to begin developing their applications to run on both products as well as enable them to begin developing applications for Gemini. Gemini is the consolidation of SCO OpenServer and SCO UnixWare systems into a high-volume, fully scaleable operating environment. Final release of the "Unified" product (Gemini release) will be available in 1997. The Gemini product is being designed to offer binary compatibility with existing SCO OpenServer and SCO UnixWare applications and include a full set of compatibility tools to ensure developers can easily migrate to the new line from either predecessor. A full 64-bit UNIX implementation is expected in 1998.



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# SCO Release Descriptions

## Eiger - SCO UnixWare 2.1 - Next-Generation of SCO UnixWare

- High Reliability and Availability
- Enhanced Network Services: NetWare 4 Integration Transports, Client, APIs, Utilities, File, Print, NDS, Admin
- Expanded Hardware Support
- Improved Performance and Scalability
- Enhanced Systems Installation
- New C++ Compiler

## Product Release Summary

This release is an enhanced version of SCO UnixWare Release 2 that will include Novell's NetWare 4 network services.

## COMET - Next-Generation of SCO OpenServer

- Support for 4Gb memory
- Multibyte Development System support
- Bootable mirrored drives
- Enhanced mode Windows application support
- P6 compiler
- Improved Networking

## Product Release Summary

The "Comet" release is expected in the first half of 1996. This release will be an enhanced version of SCO OpenServer Release 5 that will include scalability, performance, reliability, networking and standards enhancements.

## COMPATIBILITY TOOLKIT:

Compatibility Tools for Comet and Eiger Releases

- SCO UnixWare binary compatibility in Comet for SCO UnixWare applications
- AHDK for IHVs developing drivers for both SCO OpenServer and SCO UnixWare
- Runtime/Install support for SCO UnixWare applications in the operating systems
- SCO UnixWare IHV Development Kit with SCO OpenServer driver migration information

## Product Release Summary

The "Compatibility Toolkit" layers on top of Eiger and Comet releases and will enable developers to begin moving their applications to a single, unified product line consisting of the best capabilities of both environments.

## Gemini- Merger of SCO OpenServer with SCO UnixWare

- SCO OpenServer and SCO UnixWare Binary Application Support
- Novell NetWare 4 Network Services Transports, Client, APIs, Utilities, File, Print, NDS, Admin
- SCO OpenServer & SCO UnixWare filesystems HTFS, DTFS, Veritas (VjFS), AFS etc.
- SCO OpenServer Graphical Environment and Admin Motif, Wintif, X.desktop, X Server, SCO Admin
- SCO OpenServer Graphical drivers
- "Unified" Development Environment and Tools
- "Unified" UNIX Kernel
- Best of Breed Technologies in all Cases, with Backwards Compatibility Built-in
- Support for new hardware technologies and features to address needs in high-availability, systems management, interoperability, performance, and scalability-

## Product Release Summary For "Merged" UNIX:

The "Gemini" product release will deliver the best from both the SCO OpenServer and SCO UnixWare environments in a single, integrated product. The merged product is being designed to offer binary compatibility with existing SCO OpenServer and SCO UnixWare applications.



# SCO

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