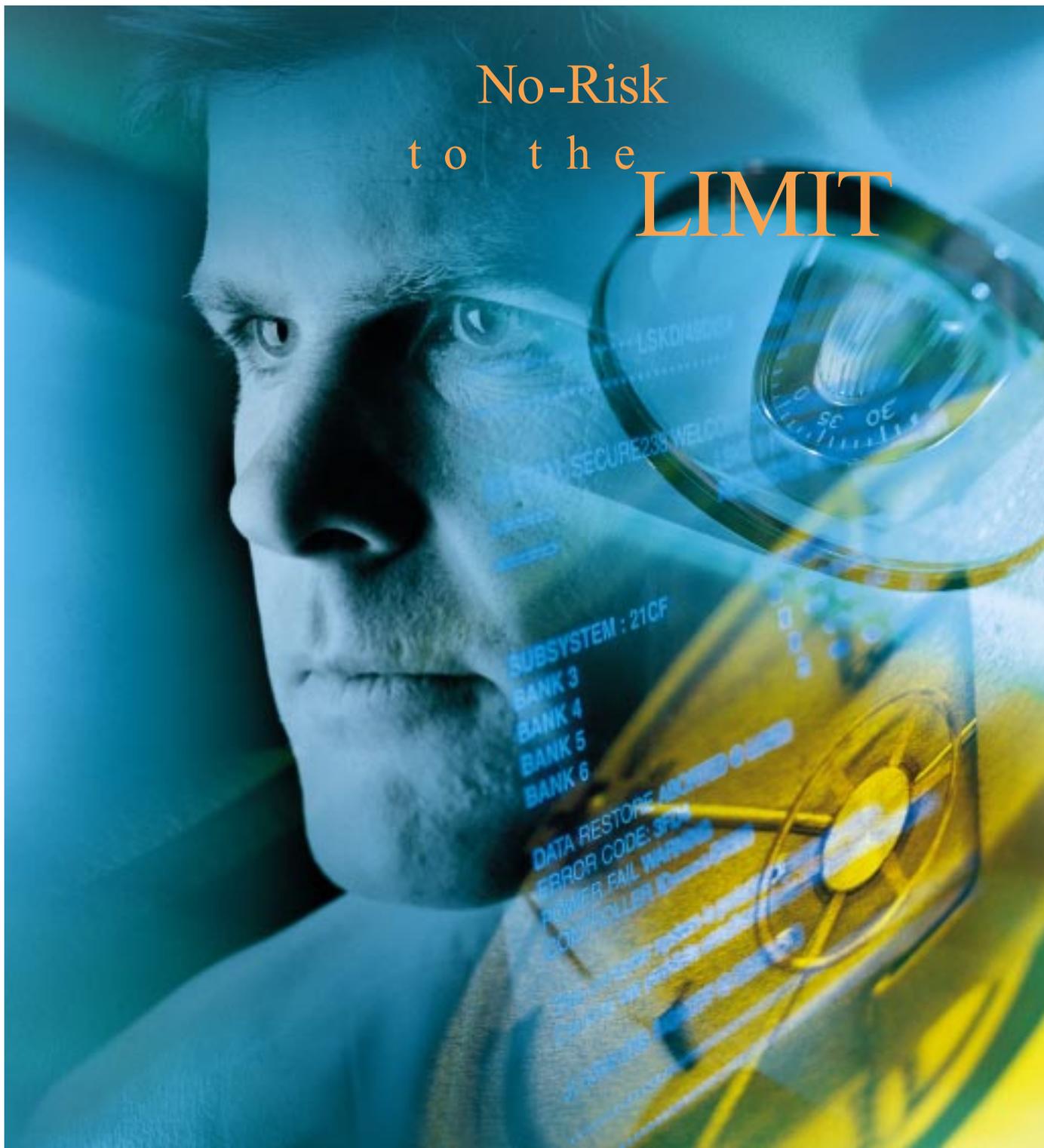# HITACHI
DATA SYSTEMS

HDS 5700E INTELLIGENT
STORAGE SYSTEM

No-Risk
t o   t h e
LIMIT

You need
network storage
management and
data protection...

Data. It's everywhere. Protecting and managing it

is your responsibility. You need a system that can

size up the big picture and allow true centralized

management. One that saves you time and money

while giving you greater uptime.

5730E Mini-Tower

The 5730E offers optional hot standby drives, redundant power, up to 43GB of storage, and high performance for departmental requirements.

5742E/5744E Rack-Mount

The 5742E/5744E models add flexibility for the enterprise network manager, providing up to 696GB of network storage in a single 19-inch rack. The Rack-Mount models are for larger file storage and data warehousing requirements.

5750E Tower

Designed for departmental server requirements, the 5750E delivers the highest internal bandwidth and capacity for mission-critical, database applications (up to 174GB of storage).

...a n d
we have it.

Hitachi Data Systems has the lock on

quality in intelligent storage systems.

If only the world were as safe as our storage solutions.

We can't make the whole world secure—but we did build one of the safest places on earth for your data. If you're a fanatic about no-risk, our intelligent storage systems will live up to your highest standards.

The HDS 5700E Intelligent Storage System delivers industrial-strength RAID with maximum uptime, centralized network management, ultra-high-speed performance, and outstanding scalability. Our goal is to deliver the solutions you need for your environment—configured right, sized right, and ready to meet both your short- and long-term objectives. With HDS' ever-widening field of vision, you'll never have to cobble together solutions, worry about the long-term, or shop around for service and support.

"My biggest headache? Easy. Simplified network storage management—worldwide.

I know, pipe dream, right?"

No. We've got the cure.

Storage management is a major problem that consumes millions of dollars a year. The 5700E offers a solution. SOMMET, a new software-based configuration management tool from HDS, pushes the SNMP communication envelope even further, making it easier to assist departmental users. It lets you deploy new features with minimal additional cost, manage multiple 5700Es across your enterprise, and process unscheduled data requests simply and easily. And you can do it all from a single point of control. SOMMET also provides alternate-platform connectivity, alert management, and device management, including performance and utilization data.

Additional software utilities now available on the 5700E simplify disk storage management by letting you administer and make configuration changes on-line. With the 5700E, you gain greater uptime and extra budget dollars because you can initiate service immediately, and reduce the hours it takes to keep your local and distributed network up and running.

"I want the ideal storage solution for *my* environment—as I see it.

Tailored, flexible, and scalable."

We've got you covered.

Bring us your toughest demands—the 5700E will meet them. State-of-the-art technology supports multiple RAID levels that let you configure your system for a variety of environments.

The 5700E is fully engineered to meet your business demands and continues to offer increased capacity. Flexible packaging lets you select the size that's right for you. Choose from four frames: the 5730E Mini-Tower, the 5750E Tower, the 5742E Rack-Mount, and the 5744E Rack-Mount. The 20-drive 5744E allows you to vary your capacity-to-controller ratio and lower your cost per megabyte. Our new racks house up to four 5744E systems (696GB of storage) in a single 19-inch-rack footprint. The 5700E neatly fits your current requirements and expands easily to fulfill future needs.

Enhanced components give new meaning to supercharged performance. Two 7,200rpm ultra-wide SCSI drives (4.1GB and 8.7GB) rev up data rates for transaction processing and data mining. The ultra-wide SCSI interface increases bandwidth, with transfer rates of up to 40MB/sec in a single controller and 80MB/sec in a dual controller. Add to this a maximum cache capacity of 512MB per subsystem and FC-AL-capability (Fibre Channel/Arbitrated Loop), and you raise performance levels even higher. Of course, the 5700E—and the entire HDS family of storage products—incorporates rigorous Hitachi standards for optimum reliability.

"Okay—worst-case scenario: My DASD blows up.

I'm out of luck, right?"

Relax. The 5700E lets you live to tell about it.

Even though the 5700E boasts a Mean Time to Data Loss longer than the average lifespan, it's also built for great escapes. You can depend on uninterrupted operations despite failed disk, power supplies, controllers, or fans. In fact, every critical component in this system can be fully redundant. You recover automatically, without missing a beat; data is reconstructed in real time. The failed component can be easily identified, replaced, and reintegrated. No tools or special training required, no system downtime necessary.

The 5700E's components also contain ample reserve capacity and bandwidth, so that any one loss won't be catastrophic and the system will continue to operate. An optional hot standby drive backs up any drive, active or parity, with no decrease in storage capacity.

New network and storage management utilities give you more reasons to relax. Full, automated recovery of your application services takes just seconds or minutes. Fast recovery follows a system crash or reboot. And data protection features guard against loss and corruption caused by disk failure and hardware malfunction. With Conley SafePath, even SCSI interface failures are a no-brainer. This server-based software provides automatic error recovery from server-to-RAID connection failures. When it comes to sustained and reliable data protection, no storage solution lets you breathe easier than ours.

" Sure, life's uncertain.

But when it comes to safeguarding my

data, I demand a sure thing. Is that too

much to ask? **"**

You have billions of reasons to be confident.

Hitachi, Ltd. grew into an $85 billion (U.S.) technology leader by delivering products of uncompromising quality and reliability, decade after decade. The HDS family of storage products endures relentless testing and QA, to make sure you get only the best. And we're committed to expanding our offerings to meet the needs of centralized and distributed environments—giving you all you need to reach new horizons in network storage management.

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