



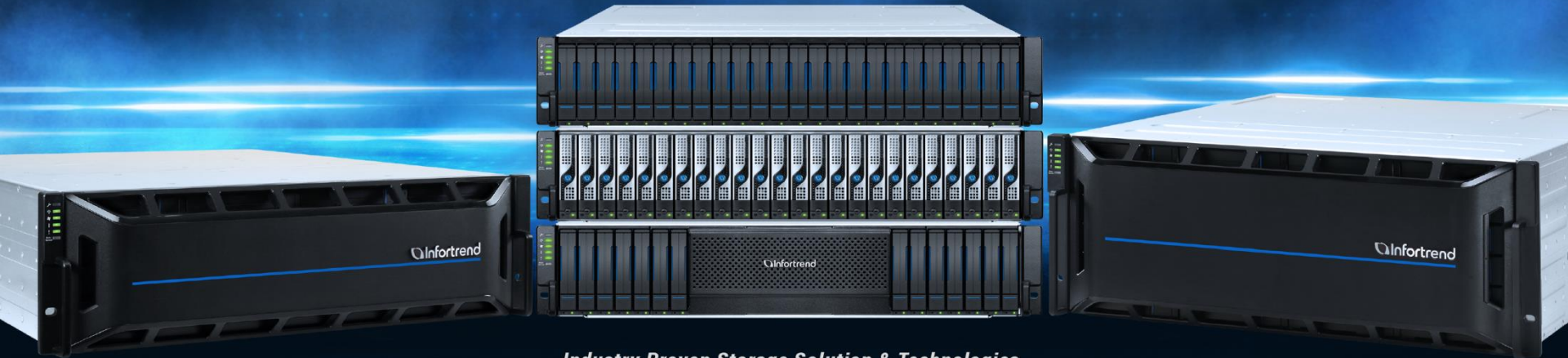
SAN
STORAGE

UNIFIED
STORAGE

SCALE-OUT
NAS

AI STORAGE
APPLIANCE

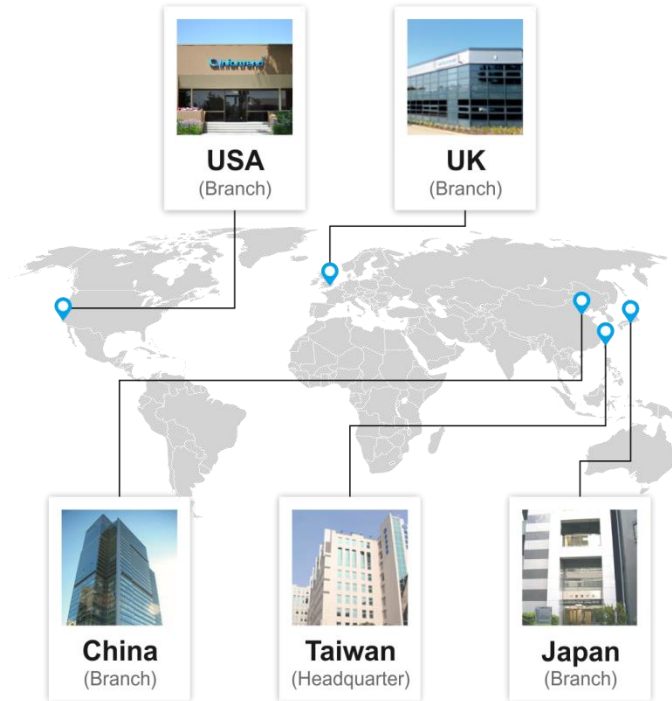
30 Years of Continuous Innovation



Industry Proven Storage Solution & Technologies

Infortrend Fact Sheet

- Established: **1993**
- Publicly Listed: **2002**
- Headquarter: **Taipei, Taiwan**
- Worldwide Employees: **500**



Why Infortrend

- **30 years of experience** in developing high-performance RAID storage solutions
- Deployed more than **1,000,000** world-wide rack-mounted systems
- Dedicated focus on R&D – **Time to Market**
- **300+ engineers dedicated** to R&D to deliver superior products
- **Price-Performance leader** in the market
- All products **designed and manufactured in-house**



High Quality from Design to Manufacturing



Total Quality Management (TQM)

- Implement TQM in design, supply chain, manufacturing, and quality management
- Weekly quality review is driven by the top management team

Process Control Methodology

- Foolproof software automation for production testing
- Six sigma process control methodology

Shop Floor Control and Traceability

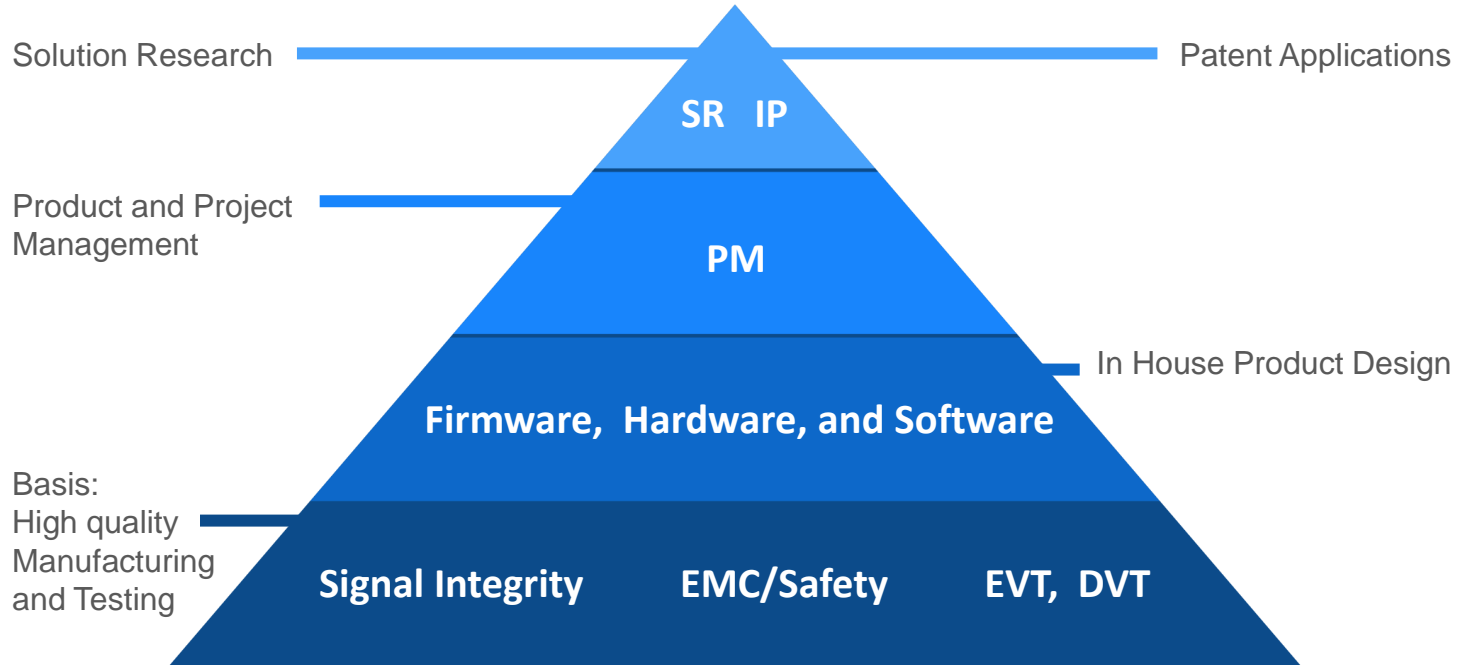
- Forward / backward traceability and up to PCBA component level
- Foolproof routing control for operation and service

Close Loop Corrective Action

- Web-based integrated CAR (corrective action request) system
- Benchmark — 8D problem-solving methodology

Dedicated Focus on R&D

Total 300+ technical staff

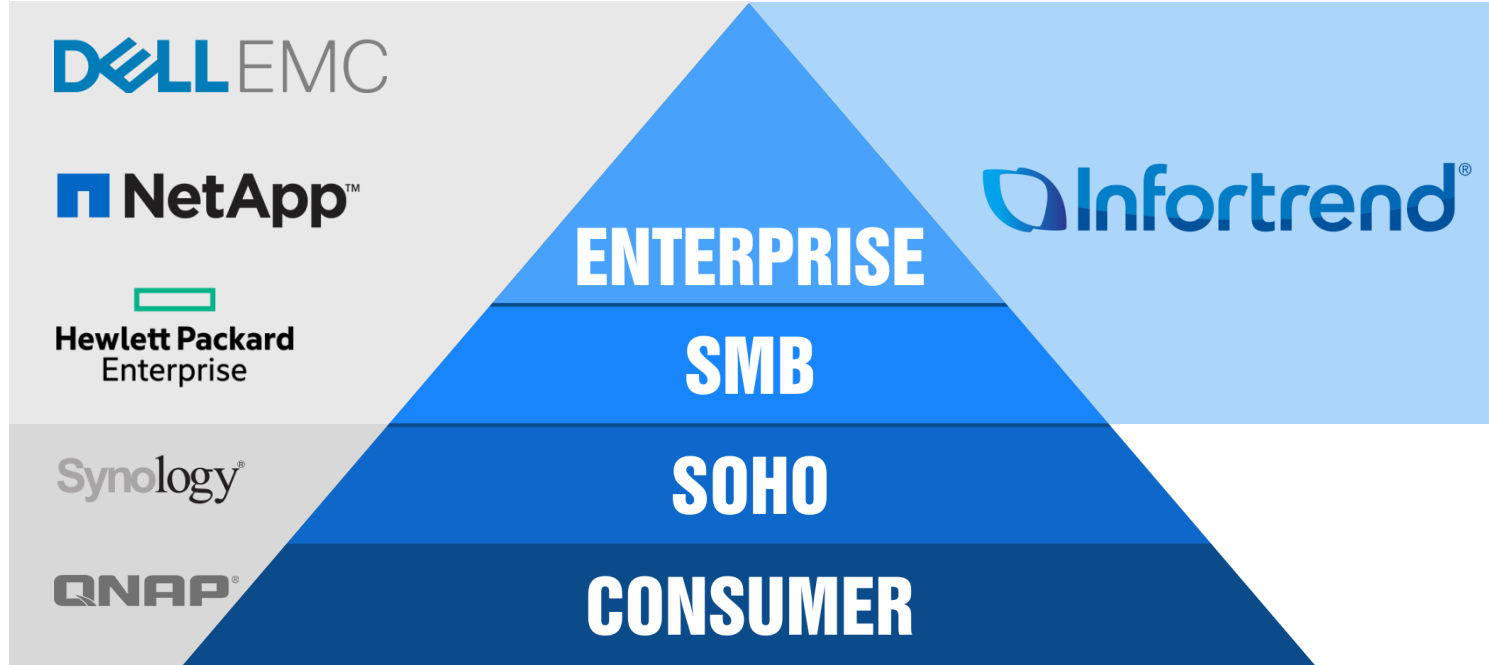


Worldwide Achievements & Recognitions

- Infortrend recognized as a vendor in **Gartner's Magic Quadrant for Primary Storage** from 2010~2019
- Infortrend awarded **Editor's Choice – Company** by **Storage Magazine** in 2020
- EonStor GS Gen2 awarded **Cloud Product of the Year** by **Storage Magazine** in 2020
- EonStor GSa all-flash SAN-in-a-box won **Best of Show Award** at **2019 NAB Show**
- EonStor GSa 2024 received a **5-star review** along with **Editor's Choice Award** from **IT Pro** in 2019
- Infortrend listed in **10 Most Promising Storage Solution Providers** by **CIORevue** in 2018
- Infortrend listed in **20 Most Promising Storage Solution Providers** by **CIORevue** in 2017
- EonStor DS 4024B **ranked #2 worldwide** in **Top 10 SPC-2 by Price-Performance**



Market Position



Vertical Markets



Media & Entertainment

- 4K/8K VFX/ Video Editing
- Rendering/ Coloring
- Broadcasting



High Performance Computing

- AI & Machine Learning
- Government / Academic research center



Surveillance / Backup

- Massive & seamless scale-out capability
- Milestone certified solution



Portfolio

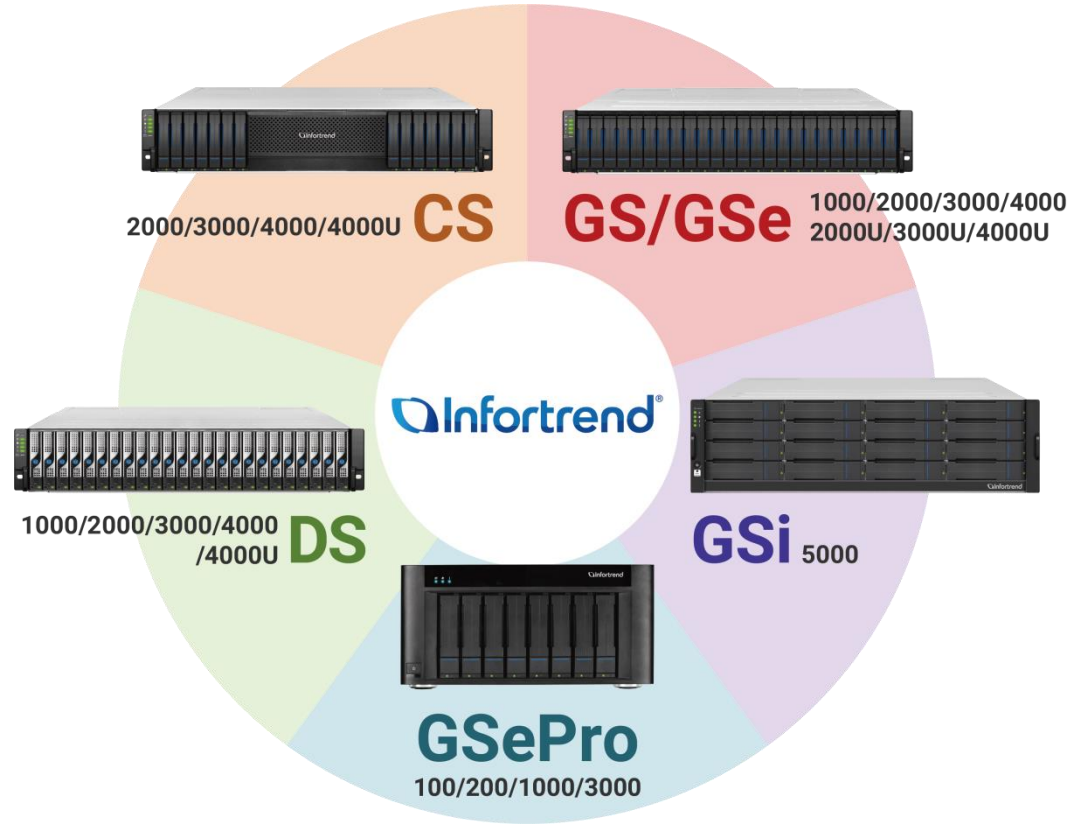
Scale-Out NAS
EonStor CS storage family

Unified Storage (SAN+NAS)
EonStor GS/GSe storage family

SAN Storage
EonStor DS storage family

AI Storage Appliance
EonStor GSi storage family

Entry Commercial NAS
EonStor GSe Pro storage families

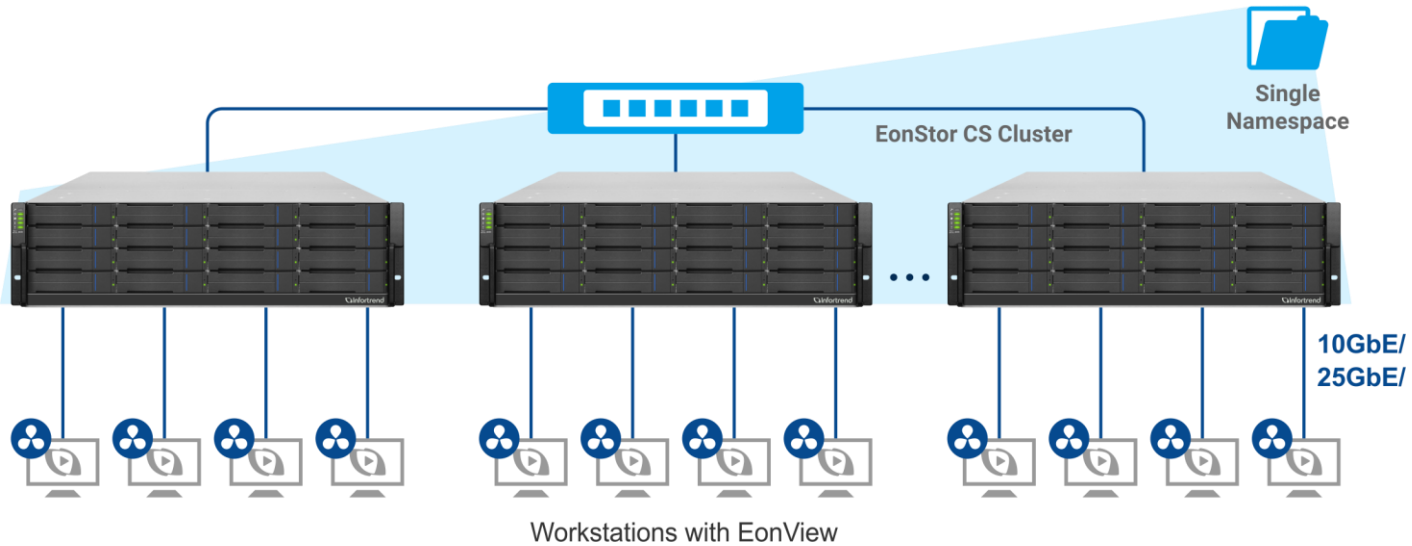


CS Introduction



EonStor CS Family

The most valued and reliable scale-out network attached storage



High Performance and Capacity

EonStor CS is a Scale-out NAS system, which supports horizontal scalability (Scale-out) by adding more devices, linearly expanding both capacity and performance as the system grows. The entire cluster can reach up to 100+ GB/s read/write speed and 100+ PB capacity.



100+ GBps
Read/Write speed



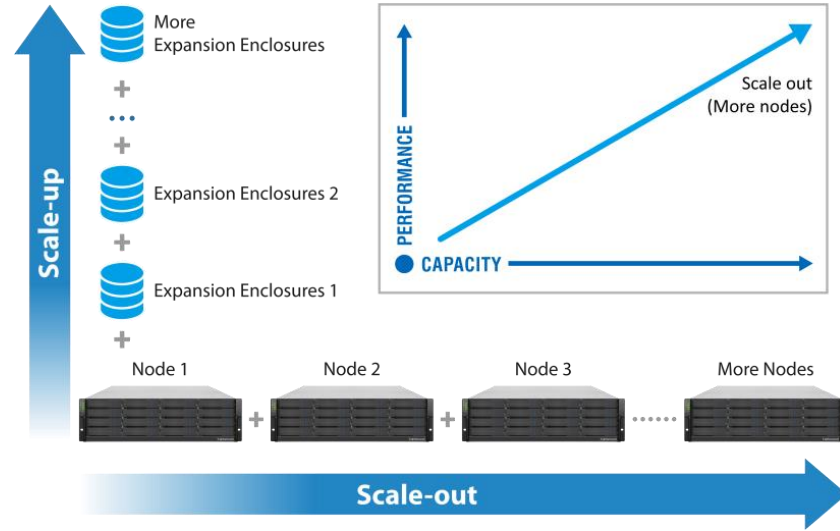
144
Nodes



100+
PB

High Scalability










- **Horizontal scalability (Scale-out)**
 - Connecting more devices (nodes) to increase both capacity and performance
 - Up to 144 nodes
- **Vertical scalability (Scale-up)**
 - Adding disk drives to an existing system via JBOD to increase capacity
 - Up to 120 HDDs per node



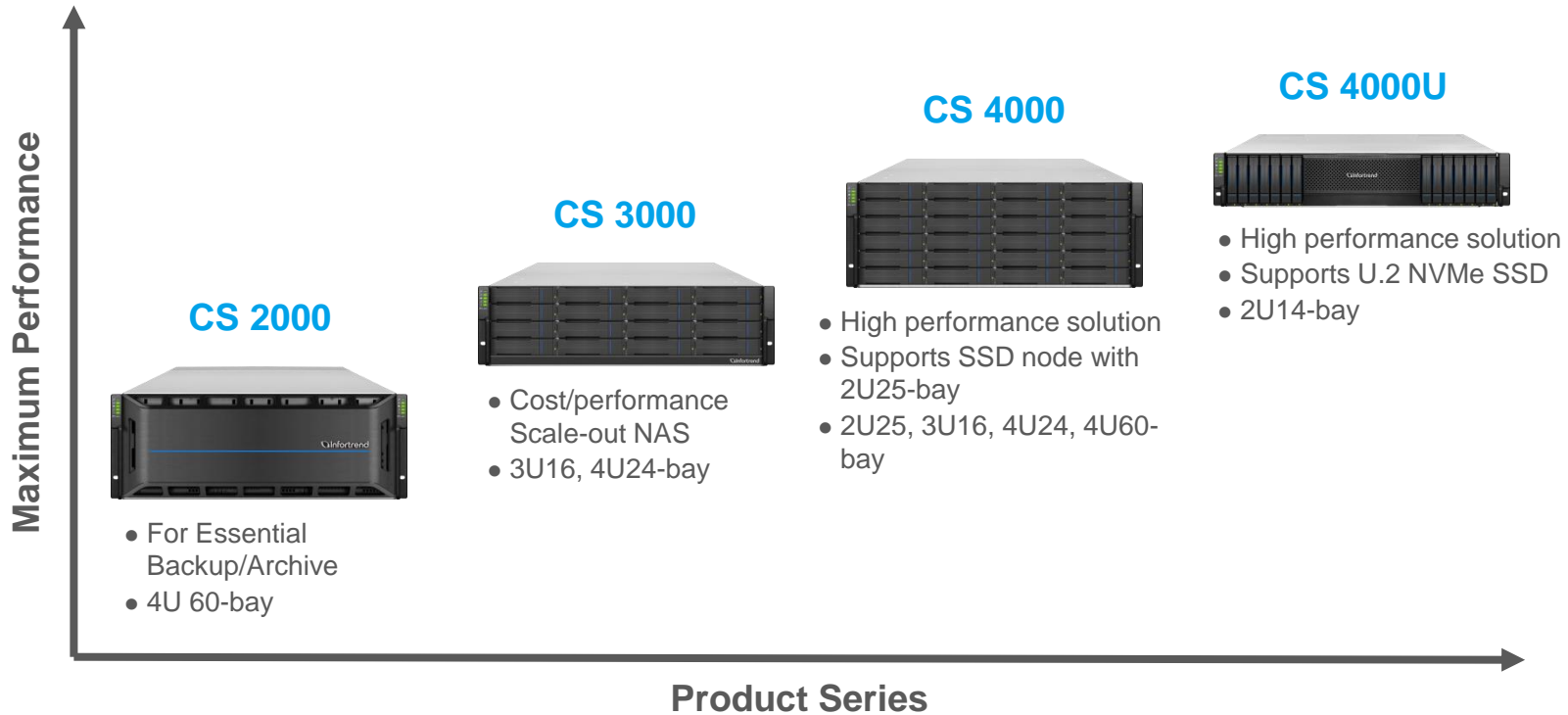
High Scalability

3 Scale-out modes

- CS offers 3 kinds of scale-out modes for different applications

1. Replica (x3)	for critical data	 File A	 File A	 File A
2. Erasure code (2+1)	for archiving data	 File A-1	 File A-2	 File A (Parity)
3. Distributed mode (Infortrend exclusive)	for general data	 File A	 File B	 File C

EonStor CS Family Overview



Case Study: Post-Production House

- **Challenges**

Insufficient performance and capacity of the existing storage system

- **Applications**

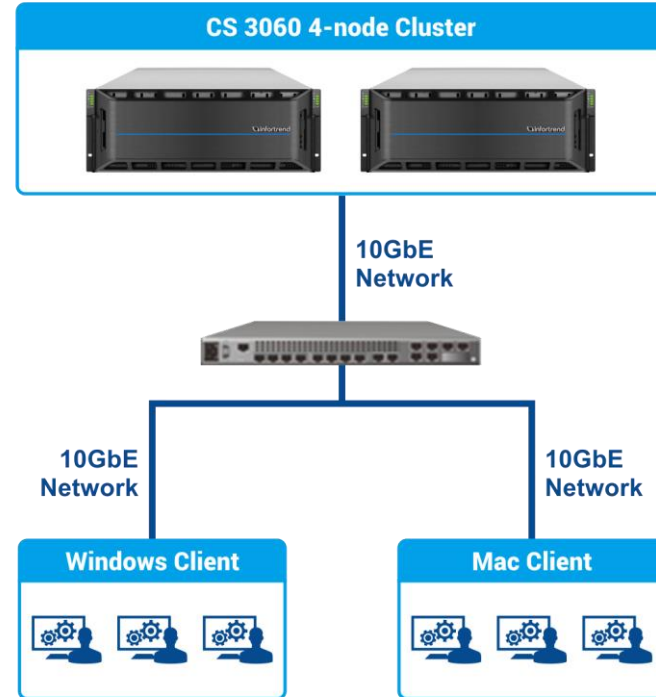
4K/HD video editing for a studio with more than 30 users

- **System Requirements**

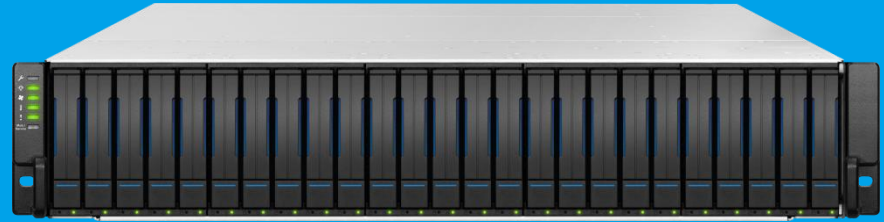
- Performance: Read & Write \geq 5GB/s
- Capacity: 650TB usable
- Protocol: SMB/CIFS

- **Why Infortrend?**

- High Performance: Read/Write = 5.9/5 GB/s
- Data Protection: EC 2+1, RAID 5
- Model: CS 3060D x 2 (4 nodes) with 120 HDDs



GS Introduction



Infortrend GS Overview



GS Family

Scale-out High Availability Unified Storage

- High availability solution designed for enterprises
- Support block and file scale-out with up to 4 GS
- Support U.2 SSD, SAS SSD or HDD drive interface
- Support 100GbE RDMA
- Built-in EonCloud gateway standard license



GSe Family

Scale-out Unified Storage

- Unified storage designed for SMB
- Support block and file level scale-out with up to 4 GS
- Support U.2 SSD, SAS/SATA SSD or HDD drive interface
- Support 100GbE RDMA
- Built-in EonCloud gateway standard license

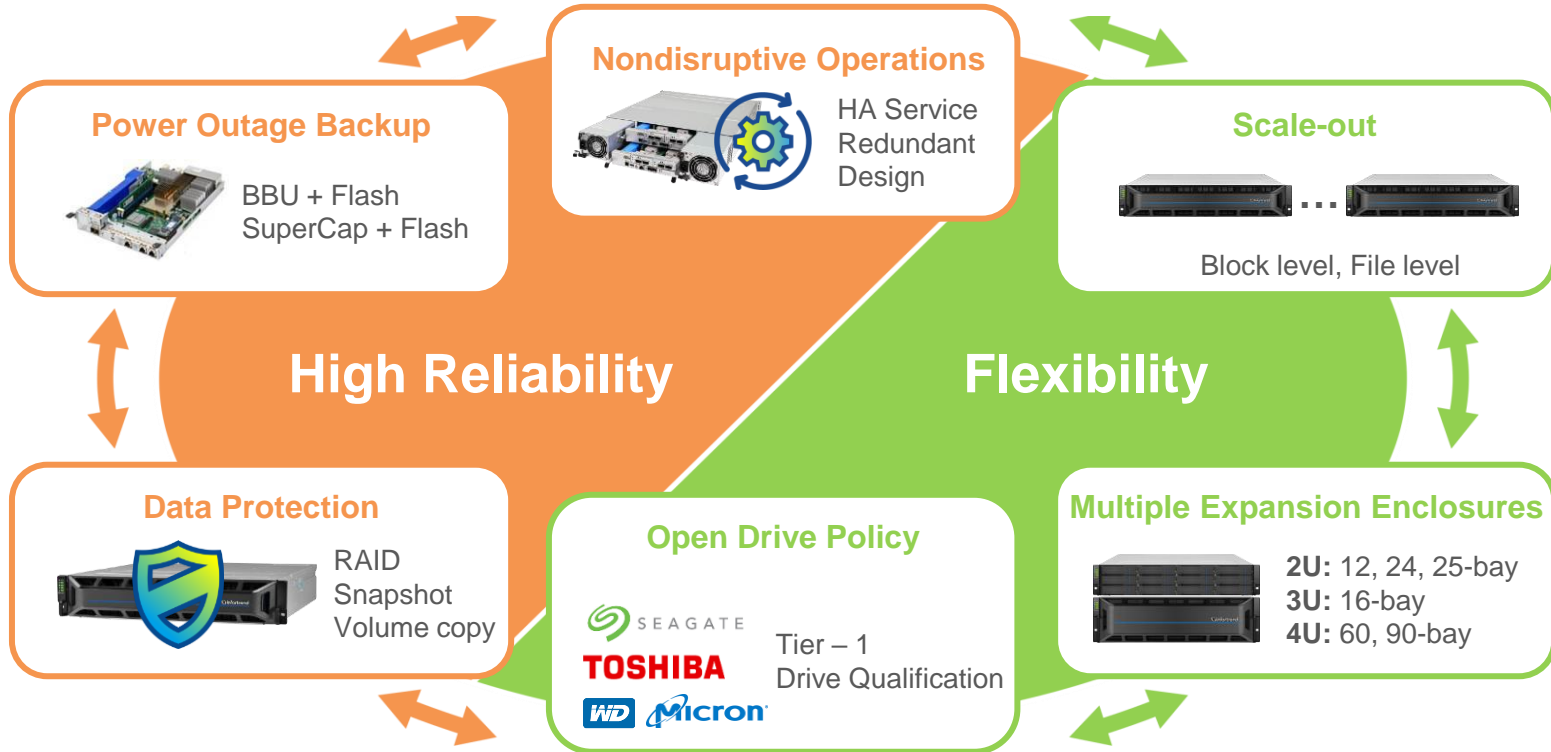


GSe Pro Family

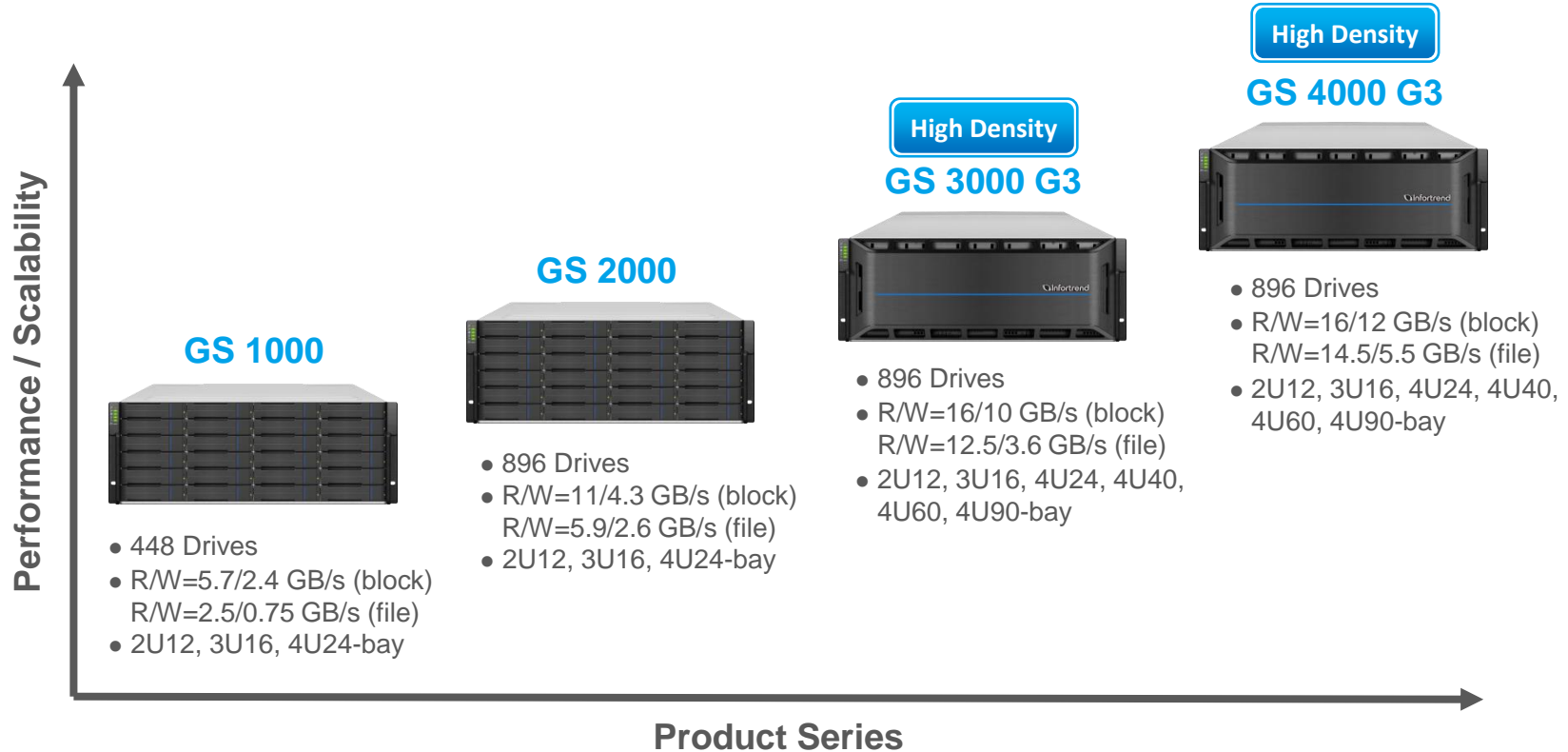
Entry-level Unified Storage

- Unified systems deliver stable performance and NAS services within affordable budgets
- Single controller with SATA or SAS drive interface
- Built-in EonCloud gateway standard license

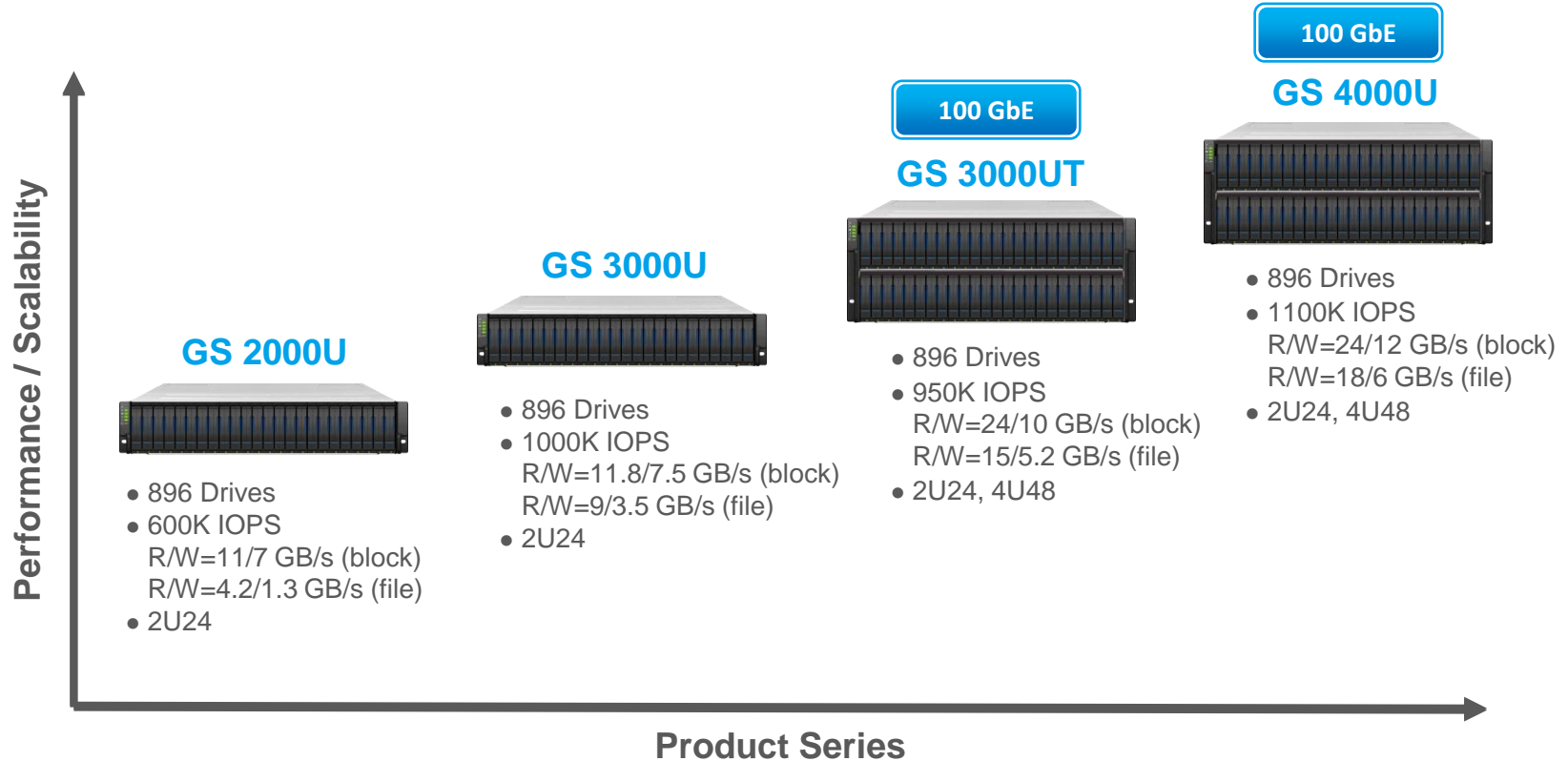
EonStor GS Advantage



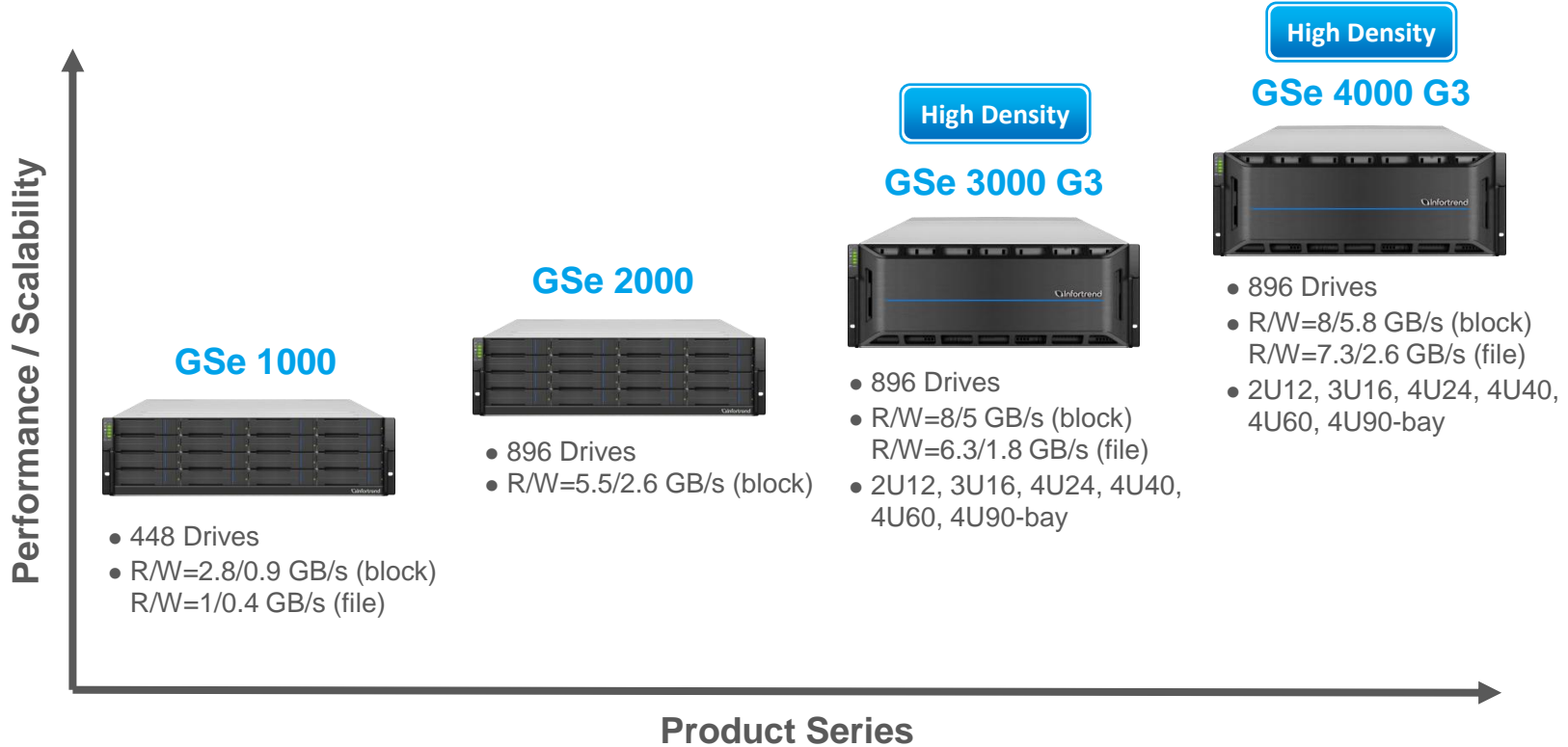
EonStor GS - SAS HDD Series Overview



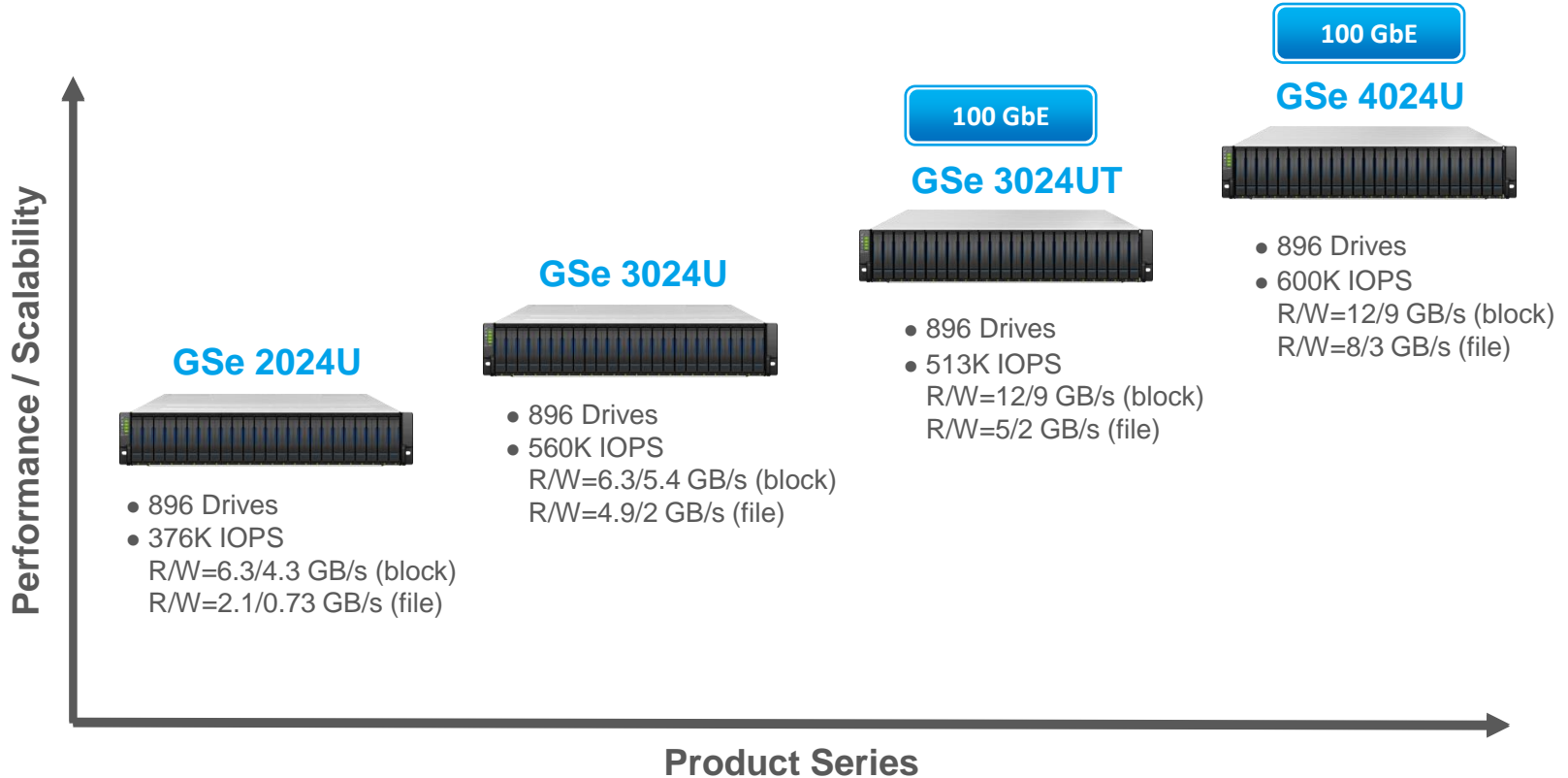
EonStor GS - U.2 NVMe Hybrid-Flash Series Overview



EonStor GSe - SAS HDD Series Overview



EonStor GSe - U.2 NVMe Hybrid-Flash Series Overview



DS Introduction



EonStor DS at a glance

Excellent price/performance SAN storage for various environments



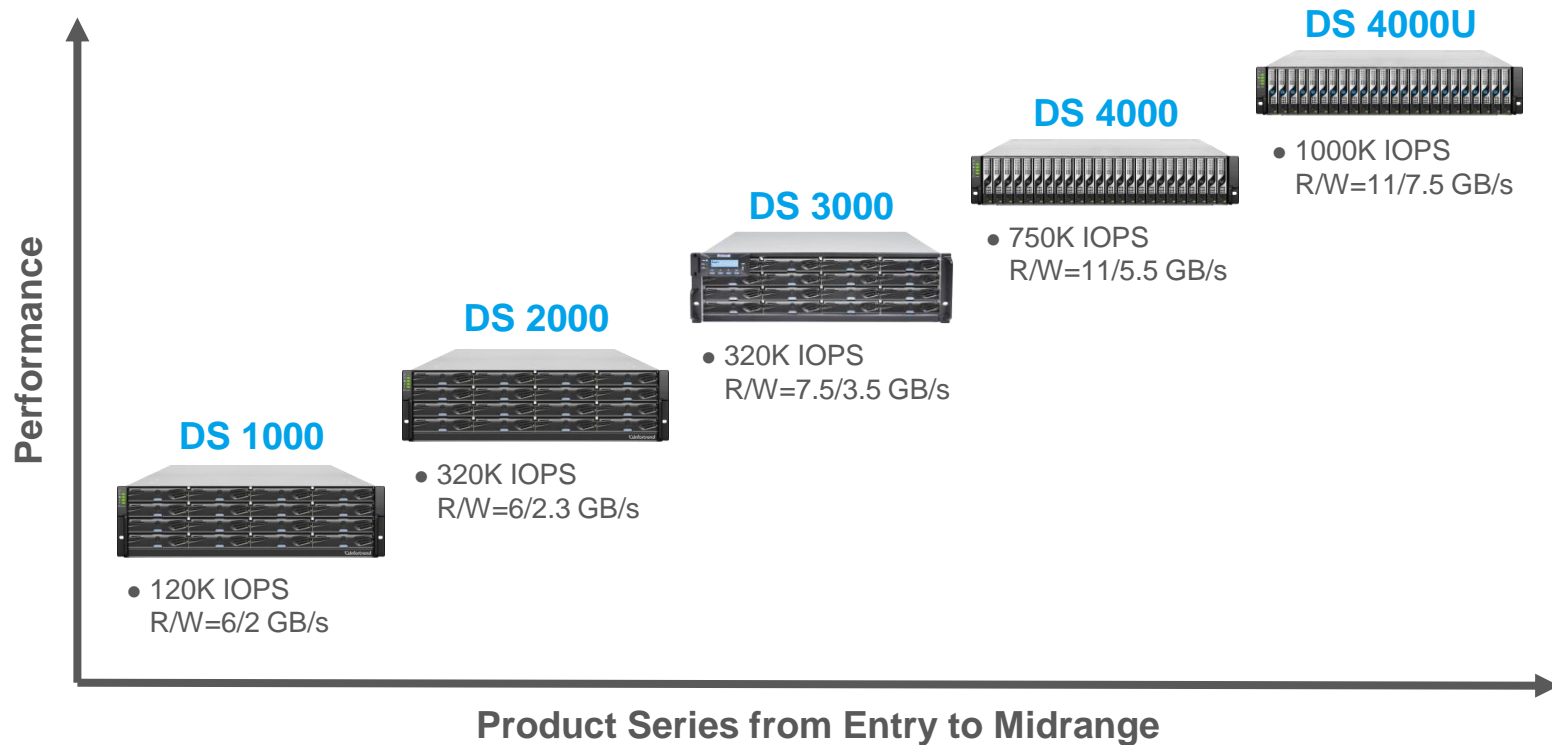
IOPS-intensive Applications

Server Virtualization, Virtual Desktop Infrastructure (VDI), Database, Online Transaction Processing, etc.

Cost-sensitive Solution

Surveillance, Mail server, Backup

EonStor DS Family Overview



EonStor DS Advantages

- **Multiple form factor choices**
High-density 4U 60-bay form factor for limited rack space
- **High cost/performance value**
Up to 5.3PB capacity from entry-level DS 1000 Gen2 series
- **High availability solution**
 - Automatically recovers bad sectors, extends drive life, and prevents rebuild by intelligent media scan mechanism
 - Redundant components
 - Cache Backup Technology



[Learn More](#)



THANK YOU

