



SAN
STORAGE

UNIFIED
STORAGE

SCALE-OUT
NAS

STORAGE
SERVER

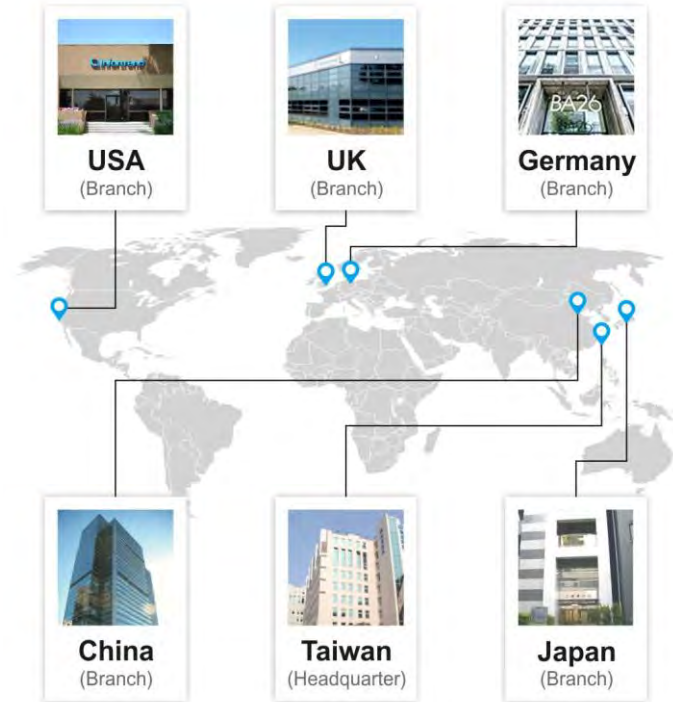
25+ Years of Continuous Innovation



Industry Proven Storage Solution & Technologies

Infortrend Fact Sheet

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



Why Infortrend

- **25+ 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

Worldwide Achievements & Recognitions

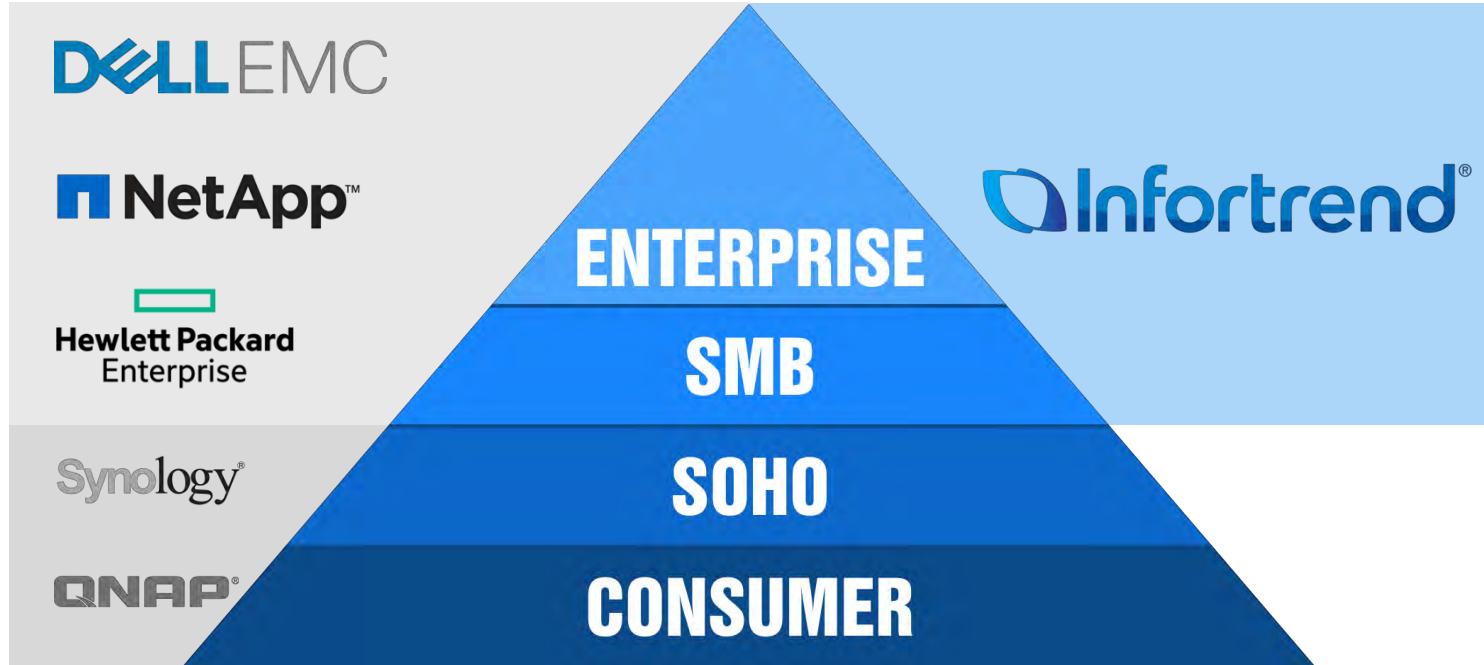
- Infortrend recognized as a vendor in **Gartner's Magic Quadrant for Primary Storage** from 2010~2019
- Infortrend awarded **Editor's Choice – Company** by **Storage Magazine** in 2020
- EonStor GS Gen2 awarded **Cloud Product of the Year** by **Storage Magazine** in 2020
- EonStor GSa all-flash SAN-in-a-box 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**

2020

2017



Market Position



Vertical Markets



Media & Entertainment

- 4K/8K Editing / Post-Production
- Shared storage solution
- Multi-streaming workstation



HPC / Data Center

- AI & Machine Learning
- Government / Academic research center
- Data Center



Surveillance / Backup

- All-in-one built-in infrastructure
- Massive & seamless scale-out capability
- Milestone certified solution



Genetec



Portfolio

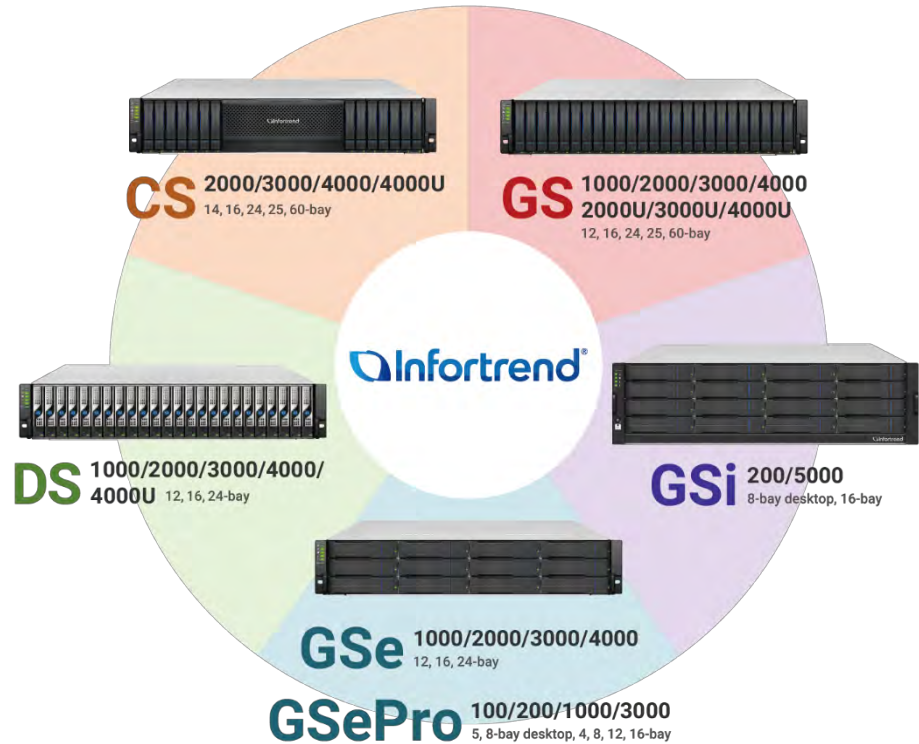
Scale-Out NAS
EonStor CS storage family

Unified Storage (SAN+NAS)
EonStor GS storage family

SAN Storage
EonStor DS storage family

AI Storage Appliance
EonStor GSi storage family

Entry Commercial NAS
EonStor GSe/GSe Pro storage families

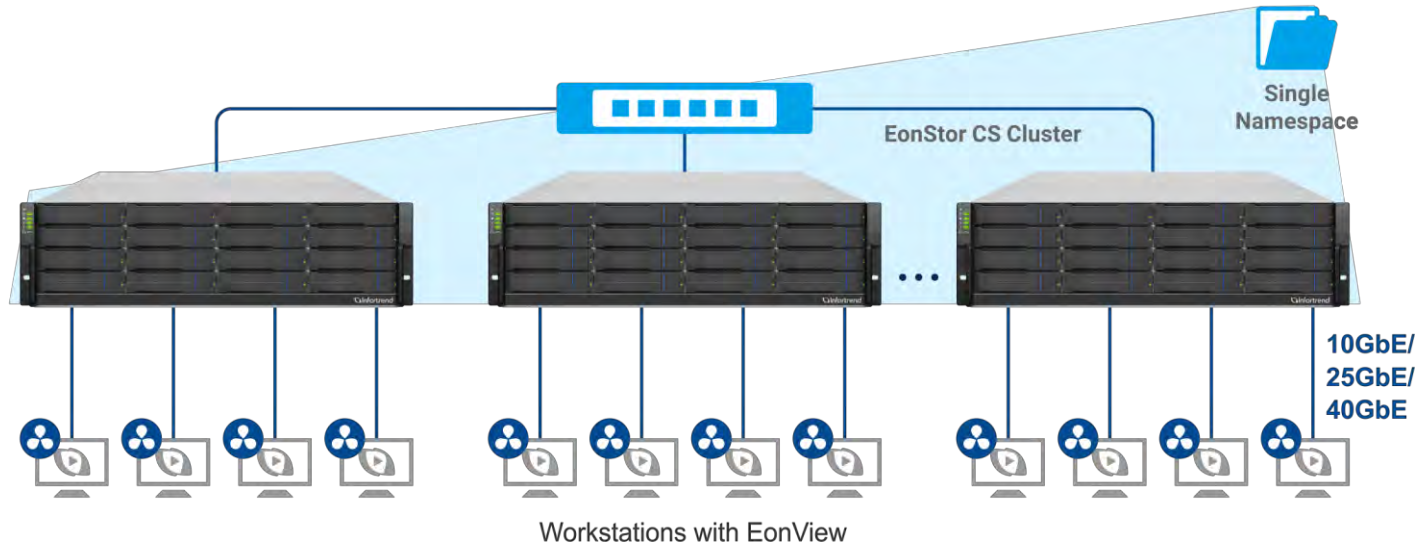


CS Introduction



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



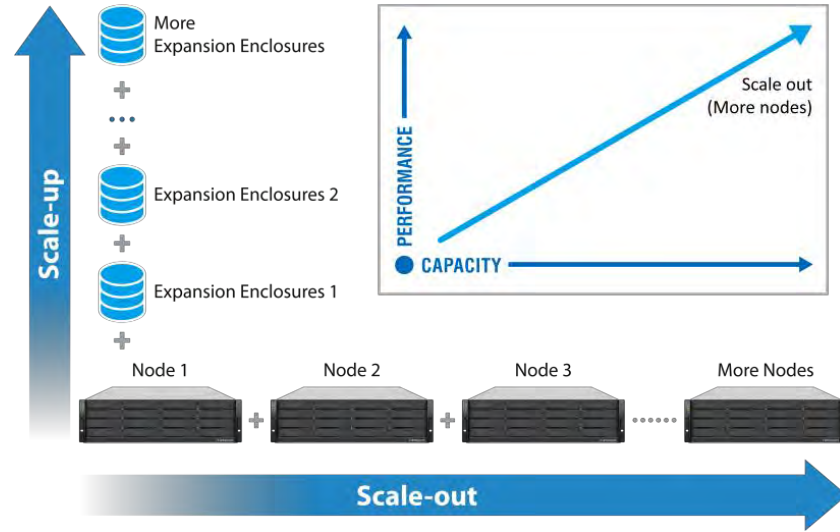
144
Nodes



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



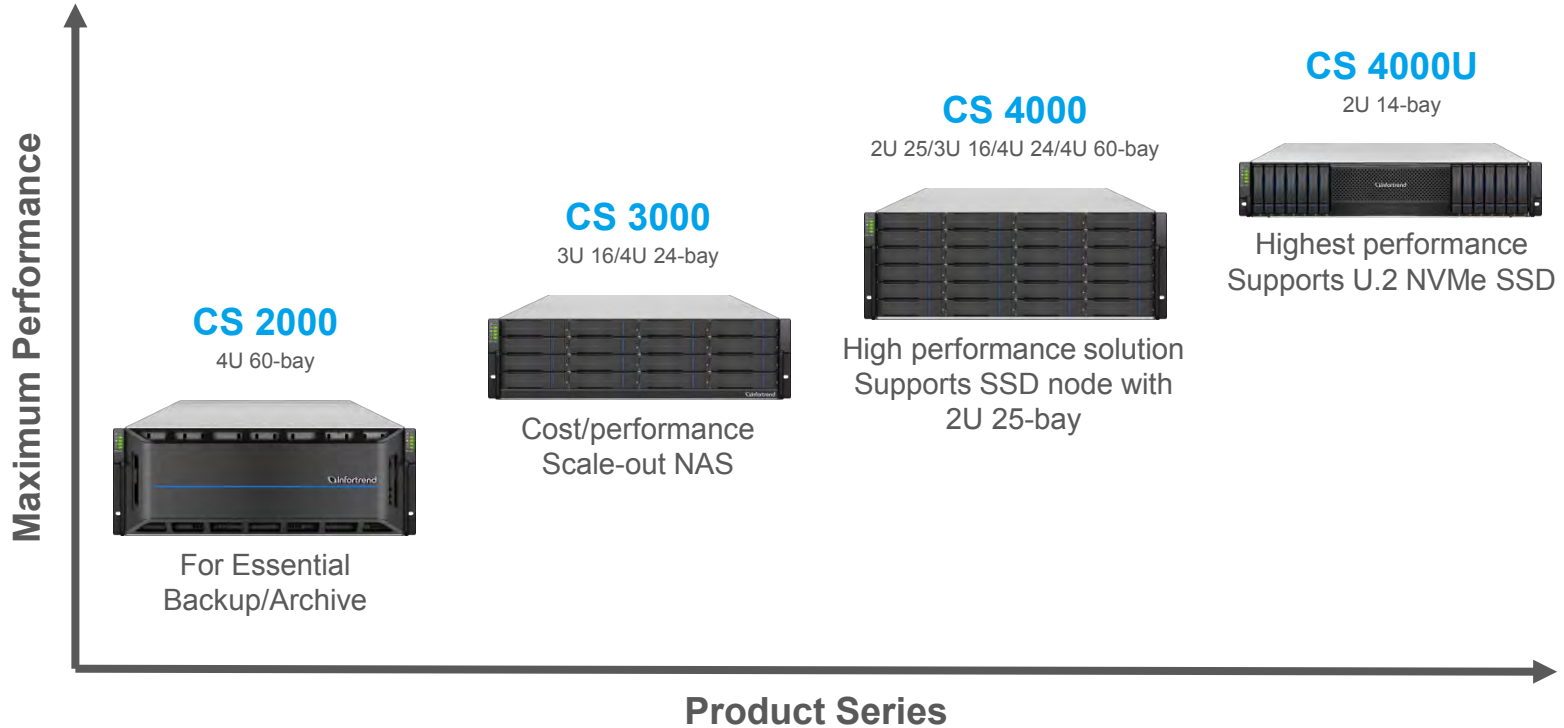
High Scalability

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**

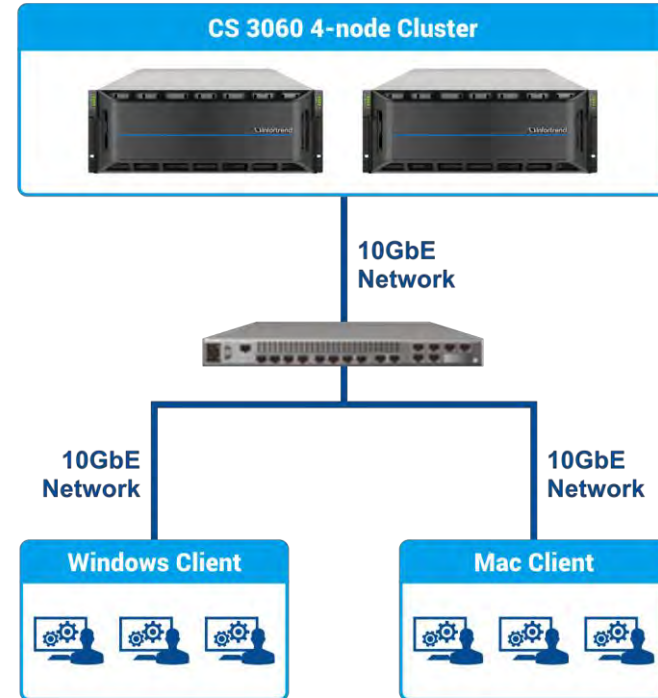
4K/HD video editing for a studio with more than 30 users

- **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



Case Study: Post-Production House

- **Challenges**

Cost-effective scale-out NAS solution for massive unstructured data

- **Applications**

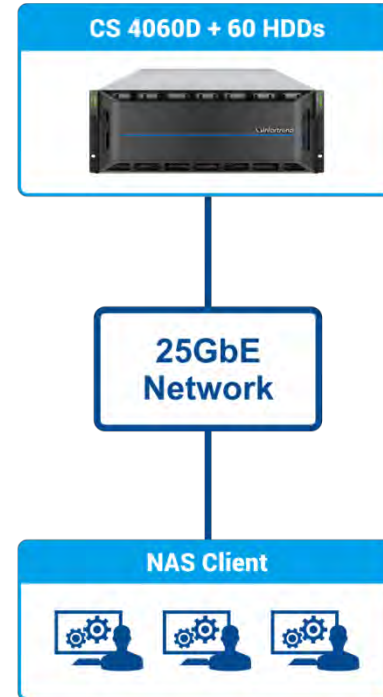
4K video editing for a small group

- **Requirements**

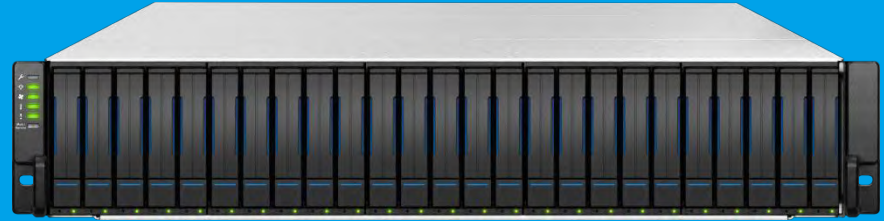
- Scalable NAS performance and capacity
- Protocol: SMB/CIFS

- **Why Infortrend?**

- Cost-effective: CS 4060D 2-node cluster with 60 x 10TB HDDs
- High Performance: R/W = 5,000/4,200 MB/s
- Data protection: Distributed mode, RAID 6



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/SATA SSD or HDD drive interface
- Up to 40PB with 3584 drives
- 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
- Single controller with SATA or SAS drive interface
- Built-in EonCloud gateway standard license

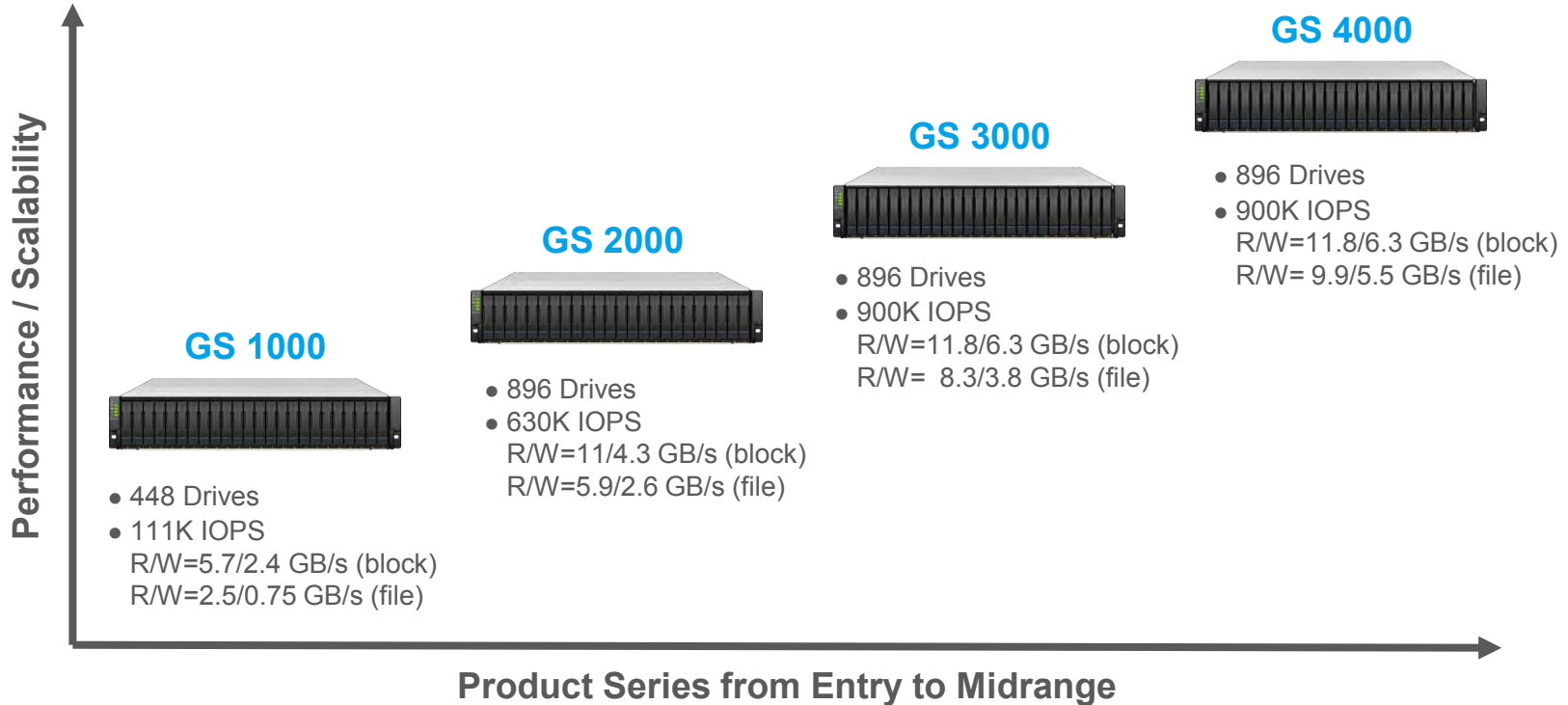


GSe Pro Family

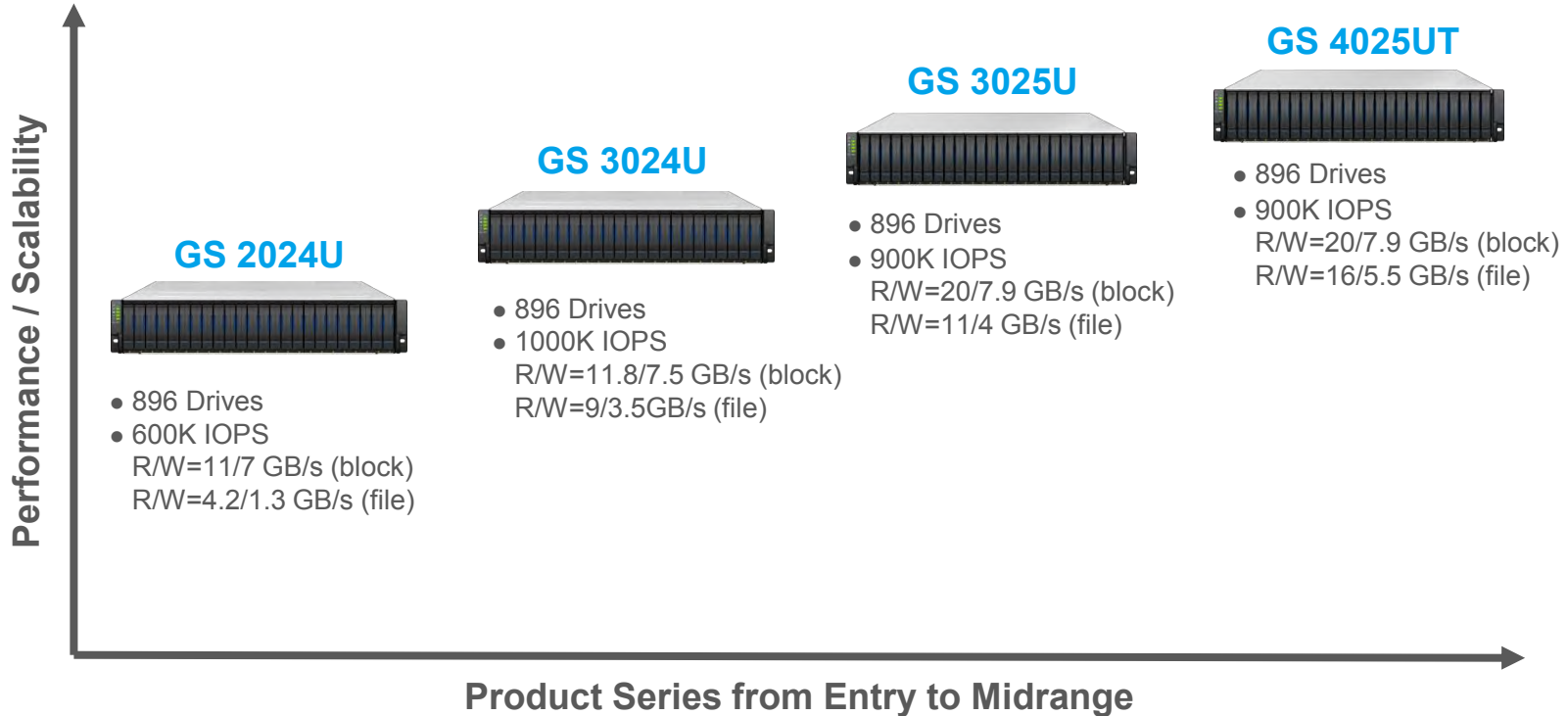
Entry-level Unified Storage

- 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

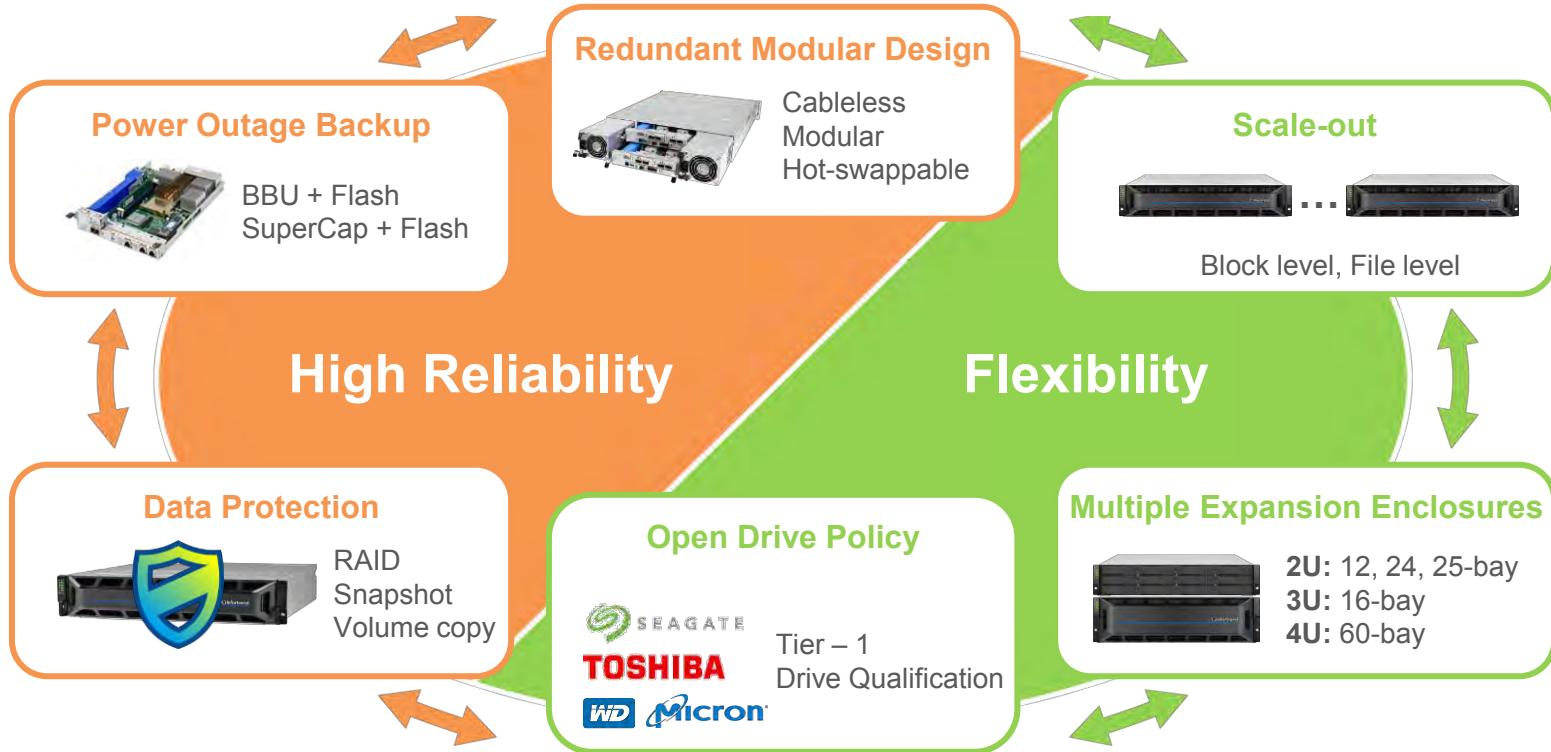
EonStor GS Family Overview



EonStor GS U.2 Family Overview



EonStor GS Advantage



DS Introduction



EonStor DS at a glance

Excellent price/performance SAN storage for various environments



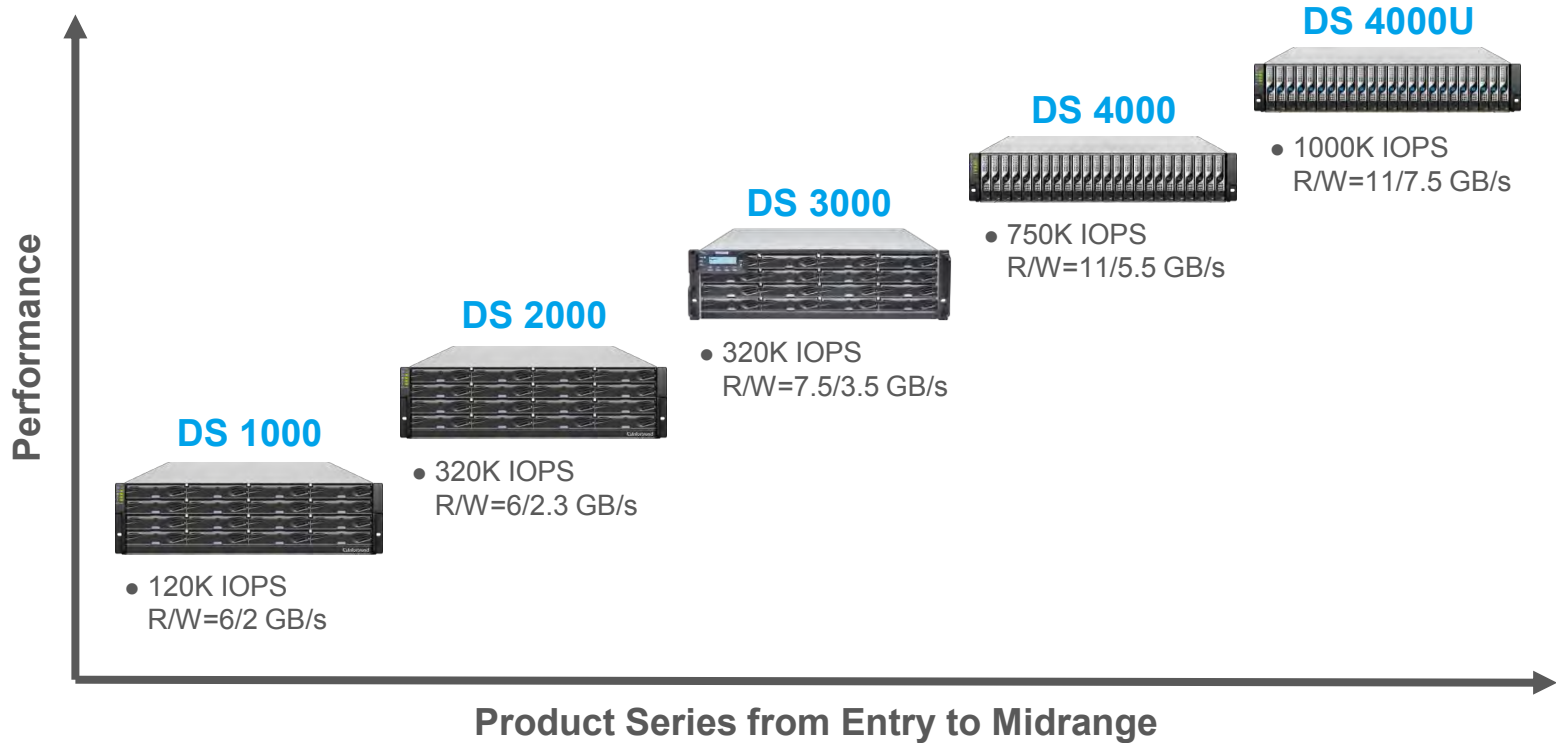
IOPS-intensive Applications

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



Warranty Options

Warranty upgrade options	Features
Warranty extension (WTE)	<ul style="list-style-type: none"> • Optional Warranty Extensions up to 5 years (3-Year default Manufacturer Warranty) • In-Warranty repairs with return-to-base service
Advanced FRU Replacement (AFR)	<ul style="list-style-type: none"> • Upgrade the in-warranty repairs from return-to-base, to advanced replacement service • Covering customer replaceable Field Replaceable Units (FRUs): including power supply unit (PSU), cooling module (FAN), controller, memory module, cache protection unit, etc., as well as Infortrend supplied drives
Advanced on-site service (ADV)	<ul style="list-style-type: none"> • 8x5 next business day on-site service • Engineer to exchange parts on-site, in the event of hardware failure • Dedicated spare parts pool, not limited to FRUs
Premium on-site service (PRE)*	<ul style="list-style-type: none"> • On-site service level of 24x7, 4-hour response time • Covering public holidays and out-of-office hours • Engineer to exchange part on-site, in the event of hardware failure • Dedicated spare parts pool, not limited to FRUs

Remark: *Available in certain Regions / Countries only.

Champion Partner Program



Opportunity

- Reward for registration of DRP's
- Reward for the completion of orders
- Exposure on Infortrend website
- Online training & certifications



Requirement

- VAR must agree on revenue target with Infortrend (Select or Elite)
- All DRP's must be approved to qualify
- Quarterly reviews to assess incentives success



Outcome

- Increase in number of DRP's registered
- Incentivized salesforce
- Increase in Revenue
- Increased focus between Infortrend and VAR

[Learn More](#)



THANK YOU

