# SCALEWAY

# SCALEWAY SG1000UF

**SG1000UF is the Unified Storage that supports both SAN and NAS.**

## Key Advantages

- Supports both of SAN and NAS

- Volume can be configured for user by storage virtualization

- Supports up to 8PB on a single volume (Multi-volume can be configured)

- Easy to extend storages by Thin Provisioning and cost saving

- Easy to use Web-based GUI (Graphic User Interface)

- Supporst OntopView, Snapshot, Replication, Transfer Agent, Load Balancer

### Flexible Scalability

- Supports up to 8PB on a Single Volume (Multi-Volume can be configured)
- Supports user-friendly volume configuration with built-in Storage Virtualization
- Cost-saving with scalable configuration of storage capacity utilizing Thin-Provisioning

### High Availabilitiy

- Redundant all components ensures continuity of service under any circumstances
- Large capacity expansion, Quick Search, Backup/Restore, Clone
- Supports intelligent Load-Balancing, Dynamic Thin-Provisioning

### High Performance / Large Capacity

- Provides high performance by integrating large capacity of data
- Designed to scale to PetaByte size in a single Global Name-space

### Compatibility

- **NAS**
  Supports various protocols such as TCP/IP, DHCP, NFS, CIFS, AFP, NDMP, SNMP, ISCSI, FTP, HTTP, Telnet, Like Wise, WebDev

- SAN
  8/16Gb FC Interface

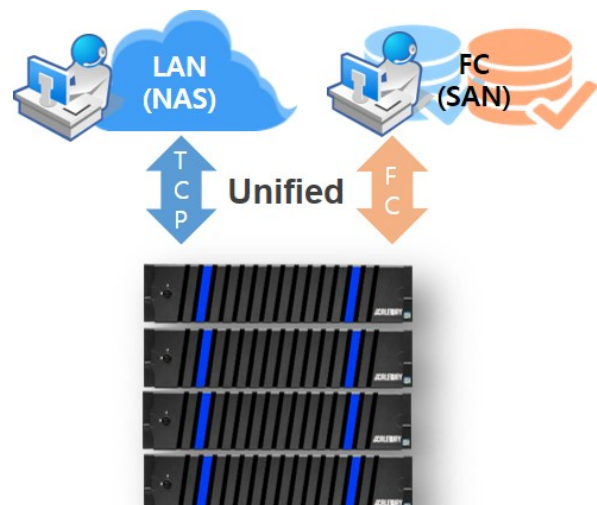### Response according to business environment

- Can be used for all business data type
- Flexible reponse to changes in user's business environment

### Free Software Solutions

- Convinience Management Tool with Web-based GUI(Graphic User Interface) : **OnTopView**
- Support for logical recovery of storage : **SnapShot**
- To enable remote archiving of data : **Replication**

## Application Fileds

- Digital media / Broadcasting
- Database Applicatioin
- Web Application
- Grid Application
- Cloud Computing
- Big Data

# System specifications

| HARDWARE | Standard Configuration | Active / Active, Default 2nodes / Max. over 1,000 nodes |
| --- | --- | --- |
| | Processor | Intel Xeon multi-core processor (Max. 2 CPU) |
| | Memory | |
| NAS | LAN Connectivity | 1GbE x 4 or 10GbE x 2<br>GbE, 10GbE, iSCSI, Myrinet, IB, HPS Supports |
| SAN | Fibre Connectivity | Dual Fibre Channel Ports (4/8/16 Gbps Optical – LC Type)<br>Option(Quad Port) |
| MANAGEMENT | Clustering Management | Client Load Balancing Manager, Concurrent Cluster File System Manager |
| | File I/O Management | File Access & Block Level Locking Manager, Token Manager Automatic |
| | Availability Management | Journaling(Logging) of Metadata Manager, Physical & Logical Volume Manager |
| Volume | 1 Volume | Max.8YB (NAS) |
| | Marking File | File creation per filesystem (4,000,000,000 per filesystem) |
| | Marking Block Size | 4KB ~ 1024KB |
| | Snapshot | |
| | Replication | Yes (Default Service) |
| SUPPORT | SAN FC Switch | Brocade, Cisco, Qlogic etc. |
| | Storage | Standard FC Type |
| | Operating System | Windows NT/2003, Unix, Linux, Apple, etc. |
| | Protocol | TCP/IP, DHCP, NFS, CIFS, AFP, NDMP, SNMP, FTP, HTTP, Telnet, Like Wise, WebDev, AD(Active Directory), LDAP(Lightweight DirectoryAccess Protocol), iSCSI |