

storiq one

TECHNICAL DATASHEET

Network Archival Server

Archival server Unlimited volumes

All file types

Near-line access to up to 1200 broadcast quality films



- Data security: : **RAID 1, 6 - LTO 7 tapes**
- Performance : **I/O up to 1 GB/s**
- Manage availability : **on-line, near-line or off-line**
- Cost effective: **Linux, Open Source ...**
- Simple setup : **private Cloud access , TAR and LTFS archive format, standard network protocols, web administration**
- Designed for : **post-production, TV, museums, administrations, industry, education, R&D, IT...**
- Hardware warranty : **3 years**

Electronic archiving has become business critical and a major challenge for enterprises today. This requires efficient and economic tools that guarantee long-term conservation and a fast and secure access to information assets, to file content and their indexes.

Intellique's storiq one system, an archival server driving tape libraries and tape drives, is designed to maintain, secure, protect and guaranty access to archive files.

Storiq one server administration is performed using a simple fully-functional web interface. Using the storiq one system you improve productivity and save time while reducing costs.

Including state-of-the-art and proven hardware selected by our engineers, storiq one systems will run on all network topologies and and all major file-sharing and authentication systems. Scalable, resilient, flexible and modular your storiq one is built to last and to match your requirements.

The storiq one application has been developed in-house by Intellique's team of archival and storage specialists. All features and interface have been designed in response to Intellique's customers requests and to resolve practical operational issues This approach has served as a guideline to bring to market an original standards-based product, easy to use, with straightforward administration facilities, ensuring inter-operability and almost without limits in terms of volume and users.

Intellique certified engineers provide 3-year warranty and technical hardware support, maintenance and application upgrades depending on the chosen subscription level.

Storiq one systems can be made-to-measure to meet industry specific application requirements. With team Intellique you have at a call a wealth of experience and know-how to draw from for the design and customisation your archival projects.

You can always rely on Intellique to answer your questions!

The first turnkey Network Archival Server Available in desktop and rack versions

Desktop : 4 port internal SAS PCIe card, LTO7 SAS internal tape drive, SATA3 2 * 8TB disks, RAID 1 software, 1 Gigabit Ports 3 USB (+ 2 USB facade), OS StorIQ Linux

Rack : 4-8 ports external SAS card, Overland tape library Neo T8/24/48, 8 * 8TB SATA disks, RAID 6 hotspare, 10 Gigabit Ethernet ports, 4 USB, OS StorIQ

Hardware administration with Device Manager

OS NAS StorIQ based on Linux-Debian distribution
Access control login and password
Administration via web interface, command line and GUI
SSH access
System alerts via email, SNMP v2
Automatic logging of events

Scalable NAS features

Authentication and directories: Active Directory, LDAP, Kerberos, NIS, NIS +
Windows File Sharing: CIFS and SMBFS, support extended ACLs
Unix and Linux File Sharing: NFS v3, v4, ACLs and extended attributes support
File Sharing: TCP / IP, support for large volumes and large files
Web File Sharing: Apache, FTP (vsftpd)
Virtualization compatible with VMWare tools, Xen, VirtualBox
Antivirus option, on-the-fly file encryption

High availability hardware included

Hot-pluggable, redundant power and cooling
Robust disk modules for simple hot-plug replacement
Linux backup system with automation
Recovery CD and maintenance provided for a quick reboot

Front-face USB port for data transfer from external disk on desktop version

AMD Ryzen® or Epyc® multi-core low-consumption processors
High-performance hard drives

Hardware RAID controller cards included

Hardware architecture optimized for maximum performance
SAS / SATA multiport connectivity for increased bandwidth.



► Technology ecosystem in **storiq one**



storiq one

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Network Archival Server

Add value to your archives in a private Cloud archival appliance

Manage the lifecycle of your digital assets



- Easy to use: **archive and restore in a few clicks**
- Offload: **files from your production servers to long-lasting cost-effective media**
- Manage: **your archive files with flexible and configurable indexing, active folders drive**
- Control: **event and task tracking and auditing**
- Protect: **accessibility, integrity, security**
- Deployment: **dedicated plug-and-play appliance, no client software to install...**

Traditional archiving products are often complex and difficult to implement. Integration projects are often too long. Not to mention excessive costs. Intelligence has developed a complete premium packaged solution integrating application and hardware

storiq one brings you

- Control of critical infrastructure space
You can offload, migrate, order, manage your files
- Conservation
You can organize, preserve, define rules and schedules for ingest and disposal
- Security
You can monitor archive integrity, authenticity, traceability and access
- Protection
You can copy, duplicate, move, manage the lifecycle of archives and media
- Accessibility
You can index, retrieve, restore, transmit your archives
- Administration
You can manage users, archive pools, media, rights, customize indexing fields, events and reports backlog, management of physical media, import archives



Any file type and size is supported by storiq one

Turnkey and you can archive and restore using protected network shares. The system is ready for use.

- Retain directory and file structures
- Open-source TAR format, record to self-extracting tape
- Industry standards build, designed in respect of archiving norms and best practice

storiq one is different

You will find all your tasks in your "Tablets" And all your events in "Milestoriq ones". All the necessary tools are on hand for the administrator to customise configuration and to implement archiving policies. Drives and tape libraries and reporting tools are managed out-of-the-box. Benefits include on-line upgrades - depending on the support level you choose.

Making your archives and managing processes is easier with storiq one

Easy to use. Easy to put in to service. Your archives are registered and recorded. Space on your production servers can now be freed up.

Integrated application Web client interface

Archiver: Private Cloud deployment model, access to archives on-line, near-line or off-line as required, formatting in TAR the open-source standard, intuitive user interface, unlimited volumes, flexible indexing, tracking and reporting of events, PostgreSQL database

Device Manager: machine manager, device driver, NAS server configuration, user administration

Network archiver features

Fast set up

Configure system in a few clicks with the wizard.

Browser based

Banner menu and contextual sub-menus : Tablets - task backlog, Milestoriq ones - events backlog, context-sensitive help and activities monitoring : Customisable settings, application and machine administration.

Easier administration

User Accounts : Rights, passwords, ..
Pools : Virtual spaces for media management - tapes and discs, customizable indexing fields
Configuration : Type of media (LTO, RDX, discs, ..)
WORM option, restricted or self-expanding pools, no-split options, homonym controls, duplicate pools and archives, timestamps, backup the database ..
Manage: physical media - lifecycle, metadata, labels for shelf management
Create : Reports from dashboard of logs and activities
Control : File integrity, active and scheduled tasks, connections, status of the machine and peripherals, integrity of archives and files, lifecycle and disposal

Archival and retrieval is simple

Drop the source files from the storiq one server in selection basket

Select destination to new archive or existing archive. Add indexing data. Start or schedule archiving task. Duplicate archive.

Recover files from the storiq one archive repository to source folder or to another destination.

Search and view archive profiles and files. View ongoing, planned and backlog tasks in "Dashboard". Special administrator dashboard with extra features including: archives backlog, users, connections, tasks and logs.

Exportable to printable file or CSV for Excel or spreadsheet.

Device Manager

Machine settings, configure alerts, set clock sync, set network connection, manage volumes, domains, groups and users, system dashboard and services, activities, RAID status

Services

Maintenance, upgrades, and migration and database recovery services included in subscriptions

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a Western Digital brand

