iconik® & TrueNAS® Hybrid Cloud Asset Management

Content Organization and Workflow Optimization

Take control of your asset management workflow with iconik and TrueNAS®. Fast, scalable, flexible, and always available, this collaborative solution allows users the ability to ingest, manage, and share media within a team of professionals to quickly find, view, and manage digital assets.
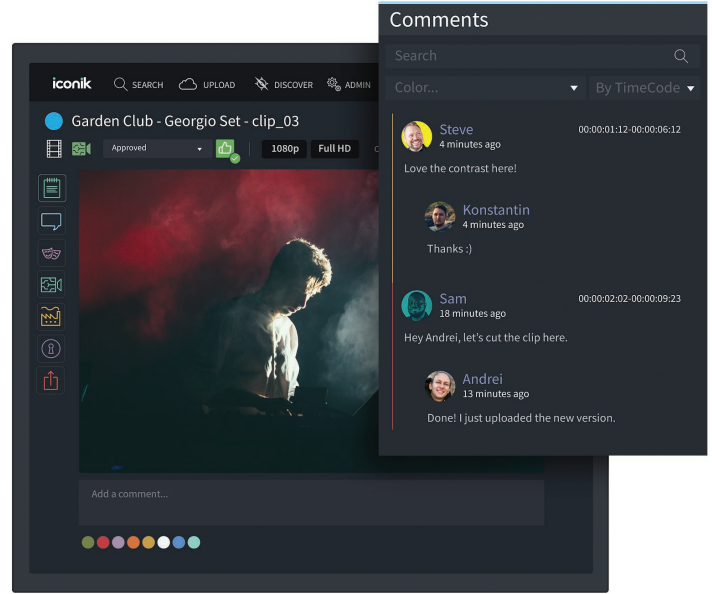
iconik Powers Your Workflow

iconik streamlines asset management with local and cloud-based assets by being discoverable in a single interface. The TrueNAS family of products offer robust storage and native cloud sync capable of pairing with virtually any editing or broadcast environment on the most popular operating systems available; including Windows, macOS, and Linux.

iconik makes sharing and collaborating on media effortless, regardless of geographic location. Users can enjoy easy searching, universal availability, and intuitive workflow management that allows multiple editors and professionals to jointly review and work together. The hybrid cloud allows content to be managed locally or in your cloud provider of choice, with users deciding where content should be stored. Thanks to advanced Artificial Intelligence, it is easier than ever to find the content you need when you need it.

TrueNAS - Performance, Scalability, and Protection

TrueNAS blends best-in-class scalability and performance with ultra-secure backup software to ensure backup files are safe and ready when needed. The appliances utilize the OpenZFS (ZFS) file system, allowing backup target capacities to be scaled to multiple petabytes in a single LUN with a bandwidth

of up to 10 GB/s. With a unified system supporting file, block and object protocols, TrueNAS appliances fit into any data-driven environment.

Protect Your Assets

TrueNAS systems offer multi-layered protection to ensure images, videos, audio, and all other digital assets are protected. Copy-on-write and inline checksums prevent data corruption when transferring and writing files to disks.

Unlimited, instantaneous snapshots can also be set periodically to mitigate the effects of malware and user error. Replication is also native to the platform, with the ability to sync with other TrueNAS systems or major cloud providers.

Ready To Go

TrueNAS storage systems with iconik preinstalled are available directly from iXsystems. Existing users of TrueNAS can also set up the iconik service by installing the iconik storage gateway plugin from the Available Apps.

TrueNAS Systems

	TrueNAS Mini Series	TrueNAS R-Series	TrueNAS X-Series	TrueNAS M-Series
Overview	Low Power, Footprint, and Noise Profile	High-Density Performance and Capacity, Value-Oriented	Low Power and High Availability	High Performance, Large Capacity, and High Availability
High Availability	N/A	With Clustering	Dual Controller	Dual Controller or Clustering
Use Case	Home, Small Business, Edge	Multi-Purpose	Small and Medium Enterprise	Mission Critical Enterprise
Supported Media	Hybrid (Disk & Flash), or All-Flash	Hybrid (Disk & Flash), or All-Flash	Hybrid (Disk & Flash), or All-Flash	Hybrid (Disk & Flash), or All-Flash
Form Factor	Mini Tower or Rackmount	1U, 2U, and 4U Rackmount	2U - 6U Rackmount	4U - 52U Rackmount
Max Capacity Hybrid	Up to 216 TB	Up to 5 PB	Up to 1 PB	Up to 25 PB
Max Capacity All-Flash	Varies	720 TB	270 TB	4.7 PB
Max Throughput	1 GB/s	10 GB/s	4 GB/s	23 GB/s

Services

- iconik storage gateway
- Built-in RAID: Single/Dual/Triple Parity, Mirrors, Fast Resilvering, Fast Boot
- Unlimited instant snapshots/clones
- Remote replication

- Inline compression
- Thin & thick provisioning with quotas
- File: NFS, SMB (AD), AFP, FTP, WebDAV,
- Kerberos, LDAP, NIS
- Block: iSCSI, FC

- Object: S3-compatible
- Cloud sync to AWS, Azure, Google, Backblaze, and more
- REST & WebSockets APIs, SNMP, Syslog, Web interface
- Automatic in-service updates with pool snapshots and rollback
- Certification: VMware, XenServer, Veeam, Asigra backup

iconik

Go to https://app.iconik.io/signup?referral_code=IXSYS2019 **or scan the QR code** to get a free trial with 300 credits.