

# ICONIK & TRUENAS HYBRID CLOUD ASSET MANAGEMENT



## CONTENT ORGANIZATION & 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.

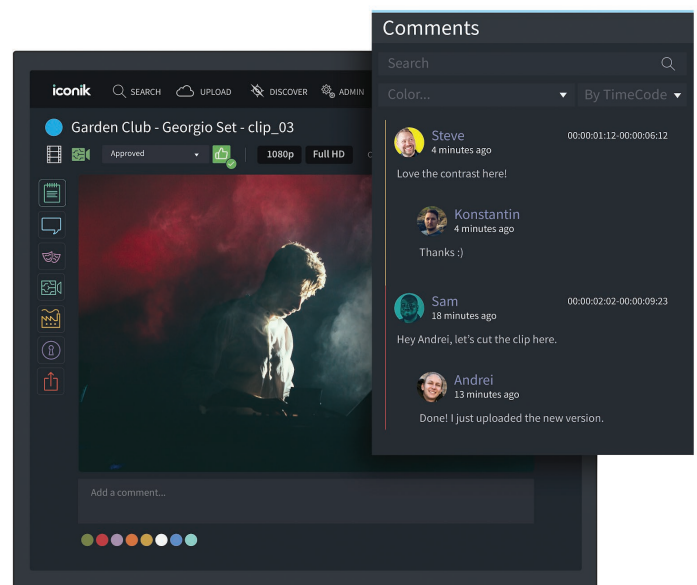
### ICONIK POWERS YOUR WORKFLOW

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 Plugins.

## AVAILABLE MODELS

FEATURES	TRUENAS MINI	TRUENAS X10	TRUENAS X20	TRUENAS M40	TRUENAS M50
					
Networking	1/10 GbE	1/10 GbE	1/10 GbE 8 Gb FC	1/10/40 GbE 8/16 Gb FC	1/10/40/100 GbE 8/16/32 Gb FC
RAM	8 - 32	32 GB	64 GB	128 GB	256 GB - 1.5 TB
Form Factor	Desktop	2U	2U	4U	4U
Controller	Single	Single or Dual controller with high-availability (HA)			
Read Cache (shared)	Optional	SAS SSD 400 GB	SAS SSD 800 GB	SAS SSD Up to 1.6 TB	NVMe SSD Up to 15 TB
Write Cache	Optional	Write intensive SAS SSD		NVDIMM (one per controller)	
Max Drive Bays/ Capacity	4 - Mini L 4 - Mini 8 - Mini XL 8+1 Mini XL+	36/504 TB (12 + 2xES12)	72/1 PB (12 + 1xES60)	144/2.02 PB (24 + 2xES60)	744/10.4 PB (24 + 12xES60)
Drives	HDDs: 2TB - 14TB SSDs: 1TB - 7.68 TB (SED optional on each drive)				
Services	<ul style="list-style-type: none"> <li>• iconik storage gateway</li> <li>• Self-healing ZFS with RAID Z1/Z2/Z3</li> <li>• Unlimited instant snapshots/clones</li> <li>• Remote replication</li> <li>• Inline compression</li> <li>• Thin &amp; thick provisioning with quotas</li> <li>• File: NFS, SMB (AD), AFP, FTP, WebDAV, Kerberos, LDAP, NIS</li> <li>• Block: iSCSI, FC</li> <li>• Object: S3-compatible</li> <li>• Cloud sync to AWS, Azure, Google, Backblaze, and more</li> <li>• REST &amp; WebSockets APIs, SNMP, Syslog, Web interface</li> <li>• Automatic in-service updates with pool snapshots and rollback</li> <li>• Certification: VMware, XenServer, VEEAM, Asigra backup</li> </ul>				

Go to [https://app.iconik.io/signup?referral\\_code=IXSYS2019](https://app.iconik.io/signup?referral_code=IXSYS2019) to get a free trial with 300 credits or scan the QR code.



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