

Managed Private Cloud

For total control of data and easy on-premises implementation

THE CHALLENGE

Large businesses require scalable, high-performance onsite data protection and management for laptops and desktops without increasing IT workload or headcount.

- Business is required (or prefers) to keep some or all data on premises
- Backup is required for thousands of employee devices
- IT teams lack the time required to build the infrastructure they need
- Business is required to hold encryption keys behind the firewall
- Data storage ranges from 20 gigabytes to multiple terabytes per device
- Endpoint protection is as important or more important than file server storage

THE SOLUTION

Code42 offers zero-maintenance, high-performance appliances to run best-in-class endpoint backup and sync/share software. Configured upon arrival and combined with remote, expert monitoring services, our managed private cloud is a deployment IT can simply plug in.

This purpose-built appliance enables encryption keys and data storage on premises and delivers automatic, continuous backup for your business. Code42 managed private cloud appliances feature automatic load balancing making it easy to bring on new storage in response to enterprise growth.

The Code42 managed private cloud fits together like building blocks: software and hardware work seamlessly to deliver enterprises data protection and management effectively, efficiently and effortlessly.

SOLUTION HIGHLIGHTS

Continuous data protection via a single dedicated backup and sync/share appliance continuously protects your endpoint data with the speed and convenience of on-site, low-latency technology.

Maintenance-free appliance plus 24/7 remote monitoring by Code42 experts provides assurance your cloud is working as it should—with no IT intervention required. In the event of failure, we will ship a replacement to your door or install it for you.

Enterprise-hardened appliance design is capable of backing up thousands of computers in multiple locations at inception and scales horizontally with automatic data balancing.

Extremely efficient hardware and software utilizes block deduplication, compression and byte-level differentials greatly reduce storage size, CPU and bandwidth consumption.

Code42's managed private cloud scales with your business. Simply add appliances as your data storage needs increase.

Data management via a powerful web-based administration console gives a single IT admin the power to deploy, view, manage, and monitor many thousands of users and devices—simply.

Scalable architecture enables effortless expansion of I/O and storage capacity over time.

Cloud storage options support the ability to add public cloud storage.

Eco-friendly hardware consumes less power.

HARDWARE	SOFTWARE	SERVICE
<p>1U and 2U high-density chassis configurations</p> <p>Up to 48TB of internal usable storage</p> <p>Scales to hundreds of petabytes of storage</p> <p>RAID with S.M.A.R.T. support</p> <p>Hot swap, redundant power supplies</p> <p>Standard 2 x 1 GbE and 2 x 10 GbE interfaces</p> <p>Includes rack mounting hardware and power cords</p>	<p>Code42 server</p> <p>Up to 1,600 users on a single appliance</p> <p>Scalable architecture lets you add as much storage as you need</p> <p>Dynamic data balancing manages storage utilization, so you don't have to</p> <p>Continuous archive validation and self-healing for 100% data integrity</p> <p>AES 256-bit encryption</p> <p>64-bit native, multi-threaded design takes advantage of multi-core CPUs</p> <p>Governed I/O, bandwidth limits, idle job scheduling for full resources control</p>	<p>24/7 remote monitoring and support with alert notifications</p> <p>Full hardware replacement with on-site service (where available)</p> <p>Daily/weekly enterprise endpoint reports and notifications indicate which devices are protected</p> <p>Pre-configuration option so your appliance ships ready to plug in</p> <p>Optional Code42 public cloud storage offers immediate offsite backup in world-class data centers</p>

	M1	S2-24	S2-48
Size (usable)	—	30 TB (24 TB)	60 TB (48 TB)
Chassis size	1U	2U	2U
Power Draw (W)	250	300	300
CP Client Capacity	75000 est. (Master Only)	800	1600
Drive Bays	8	18	18
SSD Storage	2 SSD (200 GB)	2 SSD (200 GB)	2 SSD (200 GB)
Hot Spare	1 SSD, 1 Storage	1 SSD, 1 Storage	1 SSD, 1 Storage
RAID	RAID1 (App) • RAID6 (Storage)	RAID1 (App) • RAID6 (Storage)	RAID1 (App) • RAID6 (Storage)
Networking	2 X 10 GbE (SFP+) 2 X 1 GbE	2 X 10 GbE (SFP+) 2 X 1 GbE	2 X 10 GbE (SFP+) 2 X 1 GbE

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