



Cloud Recovery Service

Reduce your downtime from hours or days to minutes

Does this sound familiar? You're under-resourced, under-staffed and, ultimately, under pressure to keep things up and running while helping your organization achieve new business objectives. Your backup processes are cumbersome and unreliable. What if you could get time back and relieve the strain on your resources without exposing your organization to downtime or data loss?

Scantron's Cloud Recovery Service enables rapid recovery of mission critical systems and makes tape-based backup unnecessary. We use an onsite server appliance, software, and secure offsite storage. In the event of a failure, you can either restore your critical data or switch operations over to the server appliance. Free up time and resources and rest assured that your data is secure.

Benefits

- **Affordable:** far less costly than recovering from a few system failures or a data disaster
- **Real-time recovery** for critical devices
- **Secure and efficient:** automated and encrypted data handling
- **Comply with business continuity requirements**
- **Scale as your business grows**

Components and Features

- Server appliance onsite for fast backup, restores
- Store a copy of your data and server images at a secure, SSAE 16 data center; replicate and refresh on an automatic, predetermined schedule
- Scantron implements, manages, and administers your backup and recovery process
- Local availability of files and folders for restores
- Local availability of critical system images
- Offsite availability of files, folders and system images

After an initial data seeding process, the software manages regular replication and refresh of data from critical systems to the server appliance and out to the offsite vault.

All components of the solution including the server appliance, the replication software, the offsite data storage, and Scantron Technology Solutions support, are included for one annual fee.

Why Cloud?

Those that go the "on-premise" route inherit the risk associated with server downtime. Most organizations would begin to suffer serious repercussions from a loss of critical systems lasting more than just a few hours. Recovery time and impact from a failed system depends on many factors:

- **When the system failure occurred**
- **Service availability for the failed system**
- **Service response time**
- **The availability of parts**
- **The availability of software required to rebuild the server**
- **Time to rebuild a failed system**
- **The availability and viability of backup data**

These factors may delay recovery of critical servers and workstations well past the tolerance level. Businesses with critical systems can mitigate or eliminate downtime impact on their business by dispensing with these considerations and going with a cloud solution.

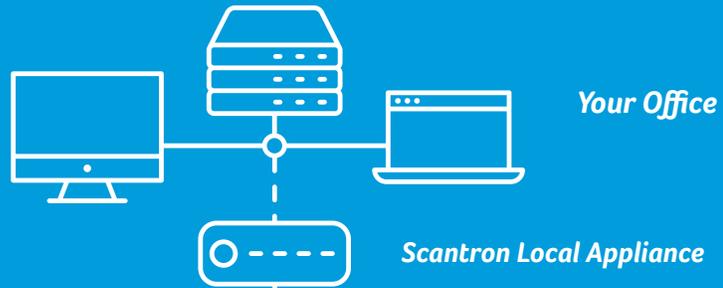
52% of businesses experience multiple backup failures every year.¹ 99% of businesses will experience a hardware failure—usually a hard drive.² The average cost of an unplanned IT outage across all company types and sizes is almost \$9,000 per minute.³

Typical Solution Architecture*

On Premise

Back up all data and applications on the network to our local appliance

When a server fails, fail over to the local appliance until server is replaced



Cloud Continuity

All data on the local appliance automatically replicates—on a schedule tailored to your requirements—to our secure Cloud for continuity

In case of disaster, launch a virtual office in the cloud—using any device, anywhere, anytime



*Alternative architectures are available depending on your restoration and recovery requirements.

Assessing Your Backup and Recovery Needs

Scantron's assessment includes a review of your unique environmental conditions. These are just a few of the major factors we use in defining your cloud recovery model.

Data Retention Requirements. How much historical data do you need to preserve? Scantron offers multiple data volume tiers.

Network Bandwidth. How fast is your local network, and how big is your internet bandwidth? This affects the speed of your backup and recovery processes.

Backup and Refresh Windows. What's the performance cost of running backups? We seek to strike a balance between backup frequency and

network impact. Your backups won't interfere with normal business.

Virtual Failover Timing. How do you know whether you should failover to the backup or just repair the server? Don't start an unnecessary recovery. We define a threshold to weigh the timing of the most recent backup and refresh against the production server's anticipated repair time.

Restoration of Production Server. When is the optimal time to restore a system? Since restoration to the production server environment can take significant time, you can schedule it during a low-demand period.

1. StorageNewsletter.com, February 2014.
2. StorageCraft Recovery Zone, June 2015.
3. Ponemon Institute, Cost of Data Center Outages, January 2016.



OPTIMIZE YOUR BUSINESS IT SOLUTION OPTIONS TODAY!

For a free consultation to meet your organization's goals, call **800.228.3628** or visit **www.scantron.com** to learn more.

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