

## KEY BENEFITS

- Recovery times and recovery points measured in minutes or seconds
- Orchestration for multi-tier applications, with boot order, scripting and automated discovery of systems in your environment
- Non-disruptive, self-service testing
- Bandwidth-optimised for limited network impact
- Built-in encryption, both at rest and in flight
- Technical support, from initial deployment to testing to failover and fallback
- Support for legacy platforms like iSeries and AIX with our Iron Cloud Disaster Recovery offering



IRON CLOUD®

DATA PROTECTION

POWERED BY  CARBONITE™

## DATASHEET

# IRON CLOUD® RECOVER POWERED BY CARBONITE

## ENSURE HIGHER LEVELS OF UPTIME FOR TOP-TIER SYSTEMS WITH PUSH-BUTTON CLOUD FAILOVER.

The clock starts ticking the minute a critical business system goes down. As lost revenue piles up and productivity drops, resuming normal operations becomes paramount.

The fastest way to recover is to relocate the workload to another server, often at a secondary location. But for most businesses, the redundant hardware, server space and additional human resources are far too costly to make this a viable option. So, in the face of potentially devastating outages, many IT departments simply live with the risk.

The solution is Iron Cloud Recover – a disaster recovery-as-a-service offering. By securely replicating critical systems from your primary environment to the cloud, Iron Cloud Recover ensures that an up-to-date secondary copy is available for failover at any moment, minimising downtime as well as costs. You pay for what you use, when you use it – and not for idle resources.

While less critical workloads are secured through traditional backup, Iron Cloud Recover keeps systems that are essential for critical business operations online and accessible, no matter what happens at the source.

### REAL-TIME REPLICATION AND NEAR-ZERO DOWNTIME

With Iron Cloud Recover, replication from the primary server to the cloud happens continuously at the byte level. The replica at the secondary cloud location is constantly synchronizing with the source, ensuring the currency of the data. Any outage that exceeds the failure threshold you've established results in immediate failover to the cloud-based replica. The total downtime or RTO, is measured in minutes, and the recovery point (RPO) is only seconds old, virtually eliminating the business impact of the outage.

### ENGINEERED FOR COMPLEX IT ENVIRONMENTS

The failover of a single server is fairly straightforward. But most systems are made up of interdependent, multi-tier applications. Iron Cloud Recover is designed to support key requirements of complex IT environments, including:

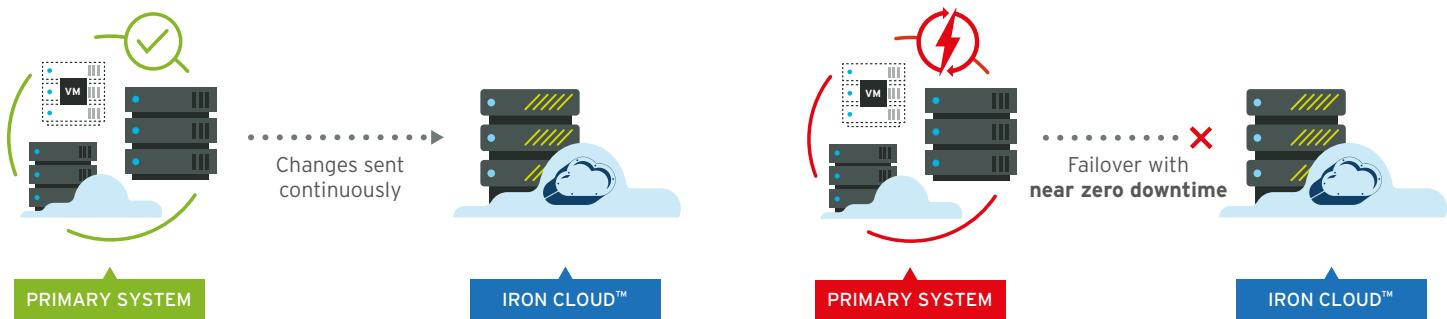
- **Orchestration** – Multi-tier applications often have a specific boot order, and additional needs for custom automation, to ensure the application is reconstituted appropriately. The orchestration and automation built into Iron Cloud Recover, along with custom script points, support these complex use cases across groups of servers.
- **Performance and bandwidth** – By sending tiny amounts of data across the wire on an ongoing basis, Iron Cloud Recover minimises performance impact, both on the servers being protected and on the network.

- **Security** - All data is secured by AES-256 encryption, both in flight and at rest.
- **DNS** - Once your systems fail over, Iron Cloud Recover automates DNS updates to seamlessly redirect your users to the new systems.

## TESTING THAT BUILDS CONFIDENCE

In an outage or disaster, confidence in your data protection systems is paramount. Without it, many organizations do not trigger disaster procedures, which leaves them exposed.

The best way to mitigate this is through regular testing, which is available anytime with Iron Cloud Recover. These self-service tests will not disrupt operations, and our award-winning customer support team is available to triage any issues that emerge. The best business continuity plans are tested once per quarter, so we've engineered the solution to support regular testing at your convenience.



## HOW IT WORKS

Initially, you'll log in to the console, and the solution will push the agents that perform replication onto the systems being protected. It will then configure the service. Our award-winning professional services team will engage with you to ensure the configuration is complete, and to perform the initial failover test.

Once configured, your systems will send data continuously to Iron Cloud. This will occur at the byte level, minimising any performance impact to the systems or the network.

When an outage occurs, you can trigger a failover from the console. Within minutes, the secondary systems in the cloud will spin up and be ready for use. The data on them is barely a few seconds old, and most users won't even sense a disruption in service.

Once you're ready to fail back to your primary systems, the process is easily reversed.

Iron Cloud Recover is supported by our exceptional technical team, who will ensure your data protection plan is operational and support you during an outage.

## SUPPORTED PLATFORMS

- Windows
- Red Hat Enterprise Linux
- CentOS
- VMware and Hyper-V
- IBM iSeries and AIX, through Iron Cloud Disaster Recovery
- HP-UX, through Iron Cloud Disaster Recovery

## WE PROTECT WHAT YOU VALUE MOST®

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### ABOUT IRON MOUNTAIN

Iron Mountain Incorporated (NYSE: IRM), founded in 1951, is the global leader for storage and information management services. Trusted by more than 220,000 organisations around the world, and with a real estate network of more than 85 million square feet across more than 1,400 facilities in over 50 countries, Iron Mountain stores and protects billions of information assets, including critical business information, highly sensitive data, and cultural and historical artifacts. Providing solutions that include secure storage, information management, digital transformation, secure destruction, as well as data centres, art storage and logistics, and cloud services, Iron Mountain helps organisations to lower cost and risk, comply with regulations, recover from disaster, and enable a more digital way of working. Visit [www.ironmountain.com](http://www.ironmountain.com) for more information.