



# Security and Reliability Keep Your Data Safe With Barracuda MSP

Businesses need to trust that their data is in safe hands. You can build confidence in your IT services with a data protection platform that meets the highest standards for data security and regulatory compliance.

Intronis ECHOplatform leverages leading technology to ensure data is stored securely and reliably, and that you can quickly retrieve data when you need it. That's part of the reason why Intronis enjoys an availability rating of 99.999 percent, while partners laud our commitment to security.



## How Do We Protect Your Data?

### 256-Bit AES Encryption

Barracuda Intronis Backup encrypts each file using 256-bit AES encryption technology. How strong is this type of encryption? It's been approved by use for the National Security Agency to encrypt "TOP SECRET" classified government documents.

### Mirrored Data Centers

Intronis Backup uses dual-coast data centers in the U.S. to store copies of our partners' data. Geographical differentiation means that in the rare chance that a data center on one coast goes offline, our other facility is still available to offer ongoing data protection.

### Safe Catalog Process

Before any backups or restores are run, we deploy our Safe Catalog process to check the file list and ensure we are always uploading a valid, reliable copy of your file catalog.

### Integrity Checkers

The most recently uploaded files and revisions in our data centers are scanned to catch corruption. In the rare case we find corrupted data in one facility, that item is replaced with a clean version from our other data center. If both items are corrupt, they are flagged for re-upload.

## Data Security You Can Depend On

### Clean Backups, Cleaner Restores

When it's time to perform a recovery, you need to know the data you backed up isn't corrupted. Barracuda MSP performs numerous checks within our software and at the data center level to ensure the integrity of your data, including our Safe Catalog and Integrity Checker scanning processes.

### Military-Grade Data Encryption

Keep data safe wherever it is. Barracuda Intronis Backup secures files beyond the 128-bit encryption methods typically used for online banking. We also communicate with our servers using Secure Socket Layers technology, ensuring your data is encrypted both in transit over the internet and in storage at our facilities.

### Robust Data Center Security

Data is stored on state-of-the-art file servers in SSAE-16-certified, mirrored data centers located thousands of miles apart. Our facilities are secured with biometric controlled access, 24/7 monitoring, backup generators and redundant connections to the Internet.



## Your Data, When You Need It

When a disaster occurs, fast data access is crucial to reliable recovery. To facilitate speedy data restoration in the event of a major data loss event, Barracuda MSP offers Recovery-as-a-Service. At your request, we can ship a drive containing all of your clients' data overnight. Once the drive arrives, you can simply plug it in and restore your clients' data back to its prior state.



### The Barracuda MSP Difference

#### Own Your Encryption Key

- Generate a unique private encryption key that only you access
- Barracuda does not retain a copy of your private key
- Barracuda MSP personnel cannot view or access your data

#### Independent SSAE-16 Certification

- Compliant with American Institute of Certified Public Accountants standards
- Our internal controls are subject to independent audit and evaluation
- Audit report available upon partner request

#### Protection for International Data

- Montreal-based data center complies with Canadian federal and provincial regulations
- Data stored in Canadian Data Center never crosses country's borders
- Complies with the same strict security requirements as our U.S. data centers

#### Tools You Need to Comply

- Compliant with major federal and industry data regulations
- HIPAA, FINRA, PCI, Safe Harbor
- FERPA, SOX, GLB, SSAE-16 Type II

## .....▶ ABOUT BARRACUDA MSP

As the MSP-dedicated business unit of Barracuda Networks, Barracuda MSP enables IT managed service providers to offer multi-layered security and data protection services to their customers through our award-winning products and purpose-built MSP platform. Barracuda MSP's partners-first approach focuses on providing enablement resources, channel expertise, and robust, scalable MSP solutions designed around the way managed service providers create solutions and do business.

Intronis Cloud Backup and Recovery Blog: [blog.barracudamsp.com](http://blog.barracudamsp.com)

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