



How to Comply with Data Security Regulations

Remote Data Backups can be administered to be compliant with almost any international, federal or state data protection regulation.



Remote Data Backups is compliant with the common caveats of most data security laws:

1. **Data Encryption**
All files are encrypted before they leave the host computer, then transferred and stored at our two mirrored data centers in encrypted format. We use 128-bit AES encryption, the standard protecting for government and financial data.
2. **Private Key**
While many backup companies create a random encryption key and have access to unencrypt and access your data, with RDB you create your own private encryption key, and only you have access to it, ensuring complete confidentiality. Be aware of companies who have your key, as they often use your client data for mining, marketing and other purposes that violate their privacy -- and any regulations that affect your industry.
3. **Offsite Storage**
Storing backups onsite is not a compliant solution and will not pass an audit, unless you can prove you physically take them offsite and store them safely every single night.
4. **Mirrored Data Centers**
Most compliance laws require your backups to be stored in mirrored locations, in case a natural disaster destroys one location. Your data is immediately mirrored to our two enterprise data centers, located over 1000 miles apart.
5. **Restricted Physical Access**
 - We have the most secure data centers in the world, located 275 feet underground to protect against near-apocalyptic conditions.
 - We use best-in-class technology, including EMC storage machines, high-end HP servers and Cisco firewalls.
 - We have redundant power supply with backup generators, redundant bandwidth with multiple providers;
 - Finger scanners for physical access, motion detectors and camera tracking;
 - Environment and climate controlled facilities, resistant to seismic activity and other natural disasters
 - OSHA certified fire suppression, etc.
6. **Secure Logical Access**
In case a former employee or contractor has access to your encryption key, at any time you can add or change your account password as an additional layer of security to prevent unauthorized access.
7. **Secure Transmission**
Your data is transmitted using Secure Socket Layer security to neutralize possible hacker activity such as packet sniffing. Our data centers also track and log any failed login attempts for your safety.
8. **Written Contingency Plan**
With Remote Data Backups, you can simply print and safely store your account information (account number, encryption key, reinstall instructions), and also maybe our [Quick Access User's Guide](#) serve as complete instructions for restoring lost data.
9. **Secure Media Control**
Backing up to physical media such as external drives, USB, DVD, CD, etc. violate compliance regulations and pose serious security risks as they can easily be lost or stolen. With our service, there is no hardware or extra devices to maintain.
10. **Reputable Provider**
While a slew of startup backup companies are now sprouting up, Remote Data Backups has been providing online data protection to thousands of satisfied clients since 2000. Our stable business model, free 24/7 support and legion of loyal clients ensure we will be there when you need us most.

Some regulations require you to archive your files for several years; you can create your own routine that archives and

zips files that you can select for backup and store.

No other online backup company in itself is ever fully compliant, and actually archiving years of versions of data offsite can be cost prohibitive for most firms. [See the data protection laws.](#)

Bottom line: Organizations *without* a high-security and reliable online data backup service like Remote Data Backups will not only be found *not in compliance*, but *risk the more serious consequences* of losing their clients' data. [Take a free 30-day trial and see how easy compliance can be.](#)



Xonicwave
866-844-WAVE
chad@xonicwave.com
xonicwave.DATABU.com

