# YOUR BACKED UP DATA
# IS PROTECTED WITH IRONCLAD SECURITY

## Encryption standards

Using AES 256 bit encryption, data is encrypted both for transmission over non-secure networks and for storage media. Encryption keys are generated for every chunk of data written, which minimises the risk of a single key being compromised.

## Data validation

Data safety is guaranteed through data deduplication process. Deduplicated Data Verification cross-verifies the unique data blocks on disk with the information in the DDB and the database. Verifying deduplicated data ensures that all jobs that are written as unique data blocks to the storage media are valid for restore.

## Two independent data centre locations

Our geographically separate data centres in Sydney and Brisbane are built to effectively manage and withstand fire, floods and earthquakes. With 99.95% availability, you can count that even in the event of a catastrophe at your site or a regional natural disaster, your data is safe and retrievable.

## The highest security standards

Our data centres utilise the highest of standards in order to maintain the confidentiality, integrity and availability of your data. Data centres are manned 24/7, 365 days of the year by highly experienced and trained operations staff, who utilise state-of-the-art digital surveillance and biometric readers to prevent unauthorised access.

## Superior certifications

Our data centres have been certified to international certification standards, meaning that the appropriate controls and measures are implemented in order to protect data. These include: ISO 9001 Quality Systems, and Information Security Management Systems (ISMS) ISO 27001.

## Ransomware protection

We use market-leading backup and recovery software, which enables you to mitigate risks from ransomware across your endpoints and applications while having greater confidence in data backup, recovery and compliance.

Speak to our Solutions Consultants about the advantages of our data protection solution and how we leverage Commvault backup and recovery software to provide you with the best backup options for your business.

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