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Natural disasters are unavoidable Loss of your data is another story DataSure was established after a number of





"A run-away process caused our database to grow rapidly, filling all the disk space on our server and crashing it. DataSure now monitors our database size and transaction counts to act as an early warning system."

Edwina Nam - IT Manager Acland Holdings Ltd (Citta Design)

# Are you sure your Greentree system is being backed up correctly and completely every day?

When did you last restore your backup to verify that it was up-to-date and useable? Is your backup available off-site in the event your server fails, your network is unusable or your building is inaccessible? Read more...



## **Monitored Backups**

Daily monitored, backup of your Greentree database. No more worries about whether someone in your organisation checked the backup - we do it thoroughly. Read more..



## **Daily Restores**

Full verified restore every day. It's one thing to make a backup, and another to ensure that the backup can be restored - especially when you're relying on a network or internet connection and another devices. Read more..



#### Certification

Weekly certification to ensure complete data integrity. We check that your system would be 100% usable should you need it using the 'JADE Certify' utility.

Read more...



#### **Off-Site Storage**

Multiple secure off-site storage locations. Your data is stored in three highly secure, independent data centres for ultimate assurance it will be available when you need it. Read more..



#### **Store Critical Files**

Store key files you need to keep your business running. Have confidence that if your server died or your premises were inaccessible, your business could relocate and start working without any loss of key data, like FREE spreadsheets & file attachments.

Read more..



# 2+ Months History

2+ months of versioned backups. Go back to a specific day to recover data and files. Identify when changes occurred for internal audit purposes or to trace an error or resolve a customer issue.

Read more..



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# **Features**

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#### Daily monitored, backup of your Greentree database.

No more worries about whether someone in your organisation checked the backup – we do it thoroughly, and work with you and your Greentree consultant to resolve any issues we identify.

- Fully automated backup and restore processes
- Backups and support available 24/7.
- · Email confirmations to multiple recipients.
- Confirmation of last transaction date & time for each Greentree module.

This ensures your backup is current.

#### · Full verified restore every day.

It's one thing to make a backup, and another to ensure that the backup can be restored – especially when you're relying on a network or internet connection, another device like a tape drive or hard disk, and a constant power supply for the backup to run smoothly.

#### Weekly certification to ensure compete data integrity.

We check that your system would be 100% usable should you need it using the 'JADE Certify' utility.

#### · Incremental backups to save time and bandwidth.

**Initial Backup** – Depending on the size of your fist backup, we either upload over the internet or in some cases we transfer manually via an encrypted portable hard drive. We upload this to our servers located in Auckland, from then on all your backups are just a small incremental amount.

Patching – Subsequent backups use Binary Patching to determine the change between the two versions of a file to reduce the size of the backup.

These changes are compressed by approx 90% and then sent securely over an internet connection, ensuring the actual internet data traffic sent is minimal (typically 1 – 10MB per day). At the high end, for a customer with a 40GB Greentree database, which is only moving by 10MB per day, it takes 30mins to prepare the backup, but only 1-2mins to send it over the internet to DataSure.

#### Store key files you need to keep your business running.

Have confidence that if your server died or your premises were inaccessible, your business could relocate and start working without any loss of key data, like FREE spreadsheets & file attachments.

#### 2+ months of versioned backups.

We store 2 months' daily backups available plus a consolidated backup for month 3. Go back to a specific day to recover data and files. Identify when changes occurred for internal audit purposes or to trace an error or resolve a customer issue.

#### Ultimate Data Security.

Advanced Encryption Standard (AES) encryption on the storage platform

Automated sanity check of backup integrity

#### Ensures compliance with a range of electronic data regulations.

Including the Tax Administration Act 1994, SOX 404, ISO 27002, the Public Records Act, the Health Insurance Portability and Accountability Act and SEC 17a.



The only off-site backup service for Greentree that restores and validates your backup to certify it's 100% useable.

**ENQUIRE NOW** 

"Our client's brand new server crashed during the day and corrupted the live Greentree system. DataSure helped us restore the system with less than 2 hours of data loss."



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The DataSure client software is installed on your Greentree server by a Greentree-trained DataSure consultant. **Every day DataSure:** 

- Transmits your backup to its secure off-site locations
- Restores your system from the DataSure backup copy
- Confirms that your Greentree system is fully functional and useable in the real world
- Checks the last transactions are recent (within the last 24 hours)
- · Does a number of other "health" checks
- Sends a confirmation email to your nominated primary contact
- Monitors for any issues with either the Greentree backup or DataSure transmission and works with you to remediate them to ensure you have a current, valid backup

#### **Every week DataSure:**

· Certifies the Greentree database files to ensure there are no data corruptions

**At all times (24/7)** your backup files are available should you need them. This is best achieved through working with your consultant.

#### **Online Access to your Backup History**

 Your backup history is available for you to review online 24/7, in addition to the emails sent to your primary contact



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## How quickly can DataSure be set up on my Greentree system?

We can usually configure and activate your DataSure service within 24 hours of receiving your enquiry.

#### Will installing DataSure disrupt my Greentree system?

We require access to your Greentree server for approximately two hours to complete the installation and configuration. Your Greentree system is not affected by the installation and you may continue working throughout this process.

#### How do I know if my DataSure backup has run?

Your nominated contact will receive an email daily to confirm that the backup has run, been transferred to, restored and verified by DataSure. You may also log in to our online support system to check your backup history at any time.

#### How do I get hold of my backup from DataSure if I need it?

DataSure provides  $24/7 \times 365$  day support. Should you need to restore from your backup, contact DataSure on the support number +64 9 531 5777. A technician will work with you or your Greentree Reseller to make your backup available either online or by courier depending on your needs and the size of your database.

#### Am I tied into a long contract?

There is no minimum contract for the DataSure service. You will be billed month by month, in advance and may cancel at any time.



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# Why Datasure?

Are you sure your Greentree system is being backed up correctly and completely every day?

When did you last restore your backup to verify that it was up-to-date and useable? Is your backup available off-site in the event your server fails, your network is unusable or your building is inaccessible?

Backup corruption and data loss can be caused by a variety of factors:

Hard disk errors
Power surges

Network issues

Database corruption

User error Malicious attacks

Software errors Tampering

and more...

The issue may only become apparent when you need to restore from a backup and can't! What's worse, data corrupted days, weeks or even months prior may mean your most recent backups are unusable and you have to restore a 'clean' backup that's days, weeks or months old.

#### DataSure was established after a number of Greentree Consultants reported horror stories about backup failures and their consequences;

No backup being done at all.

The server crashed, and the site had to restore to a copy of a database from a support copy of the database taken by their Greentree consultant 4 months earlier.

Greentree Backup task-queue error.

The daily automatic Greentree Backup that went into error in the Greentree Task Queue, so the online backup didn't run for 2 months. Users forgot they should have been getting a confirmation email and no-one actively monitored the backup. Two months of transactions and database changes (e.g. new GL accounts, Customer Master-file changes) had to be re-created, many of which had no paper audit trail.

Greentree backup folder not being saved to tape/off-site.

While other folders and systems were being backed up, the Greentree backup folder was omitted due to user error. The outcome was the company had to re-process 4 months of transactions and database changes.

· The tape/off-site backup was set to back up the live Greentree system.

Rather than use the Greentree backup process then copying the backup file to tape/off-site, the company backed up the live database while it was open. This meant when the backup was restored it was unusable. 3 months of transactions and database changes had to be re-keyed.

A corruption in the Greentree database was not identified for 2 weeks.

All the good backups on tape/off-site had been overridden by the corrupted database before the issue was found. The site had to restore to a backup that was 2 months old.

· The company's tape/off-site backup started before the Greentree backup process was finished.

The tape/off-site backup of the Greentree backup folder started half-way through the Greentree online backup. The resulting backup could not be restored even though:

- the Greentree system reported that the backup had completed successfully
- the tape/off-site backup software reported that it had completed successfully
- VMware was set up incorrectly.

When disk space ran out, VMware overrode the live Greentree system with an image from a week earlier. VMware was also the backup strategy.





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# **Pricing**

# What price certainty?

#### Your DataSure account fee includes this and more:

- Free installation and configuration
- No minimum term
- Ongoing support & active monitoring of your backups
- 100% confidence in your Greentree backup

# **Pricing Table**

DataSure Pricing is based on the size of your Greentree Database and associated files:







# Avoid data corruption blues Daily monitored backups

What would it cost you in time, salaries and lost customers if your Greentree system wasn't available and you had to restore a backup that was 3 days or 3 weeks or even 3 months old?







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# **About DataSure**

DataSure was established in 2009 to satisfy a need for secure, verified off-site Greentree system backups.

#### **Greentree Partners**

DataSure works with a number of Greentree Partners including:











# If only you'd backed up If only you had DataSure

As many as 25% of Greentree sites did not get a clean backup last night! If this happened to you, you'd have to restore a Greentree backup that was at least 3 days old.





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# **Contact**

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# Complete data integrity Ultimate data security

Weekly certification to ensure complete data integrity. Multiple secure off-site storage locations.





