

RSBF

Remote Secure Backup Facility

Introduction

IN2IT is pleased to introduce an innovative backup system exclusively developed, managed and maintained by IN2IT. RSBF (Remote Secure Backup Facility) is a backup system designed to compliment an already functional backup protocol / policy within your company. The concept of RSBF is to store your companies most critical data securely on the IN2IT Backup Server, duplicating your data off site utilising the internet as its transport mechanism.

The non technical description of RSBF is that your critical data is password protected and then encrypted utilising keys that you stipulate. A secure connection is then established to the IN2IT Backup Server and your secured data is copied. This data is then renamed according to date and maintained for any future reference. IN2IT maintains no record of your keys ensuring the data on the IN2IT Backup Server is rendered completely useless without your password and encryption key.

Security is maintained using a four step program:

- 1 – Data is compressed and password protected on your computer
- 2 – Data is then encrypted using Advanced Encryption Standard (Utilised by the US Government)
- 3 – Your computer securely authenticates to the IN2IT Backup Server using logon credentials stipulated by you.
- 4 – No data passwords or encryption keys are stored on the IN2IT Backup server what-so-ever



Why should I be doing this?

All to often unforeseen circumstances such as human error, technical error, theft, fire and flooding can result in critical data loss.

Although IN2IT implement and recommend that effective proven backup procedures and technologies are utilised within the walls of your company, we would further encourage utilising RSBF to compliment and support your existing backup process.

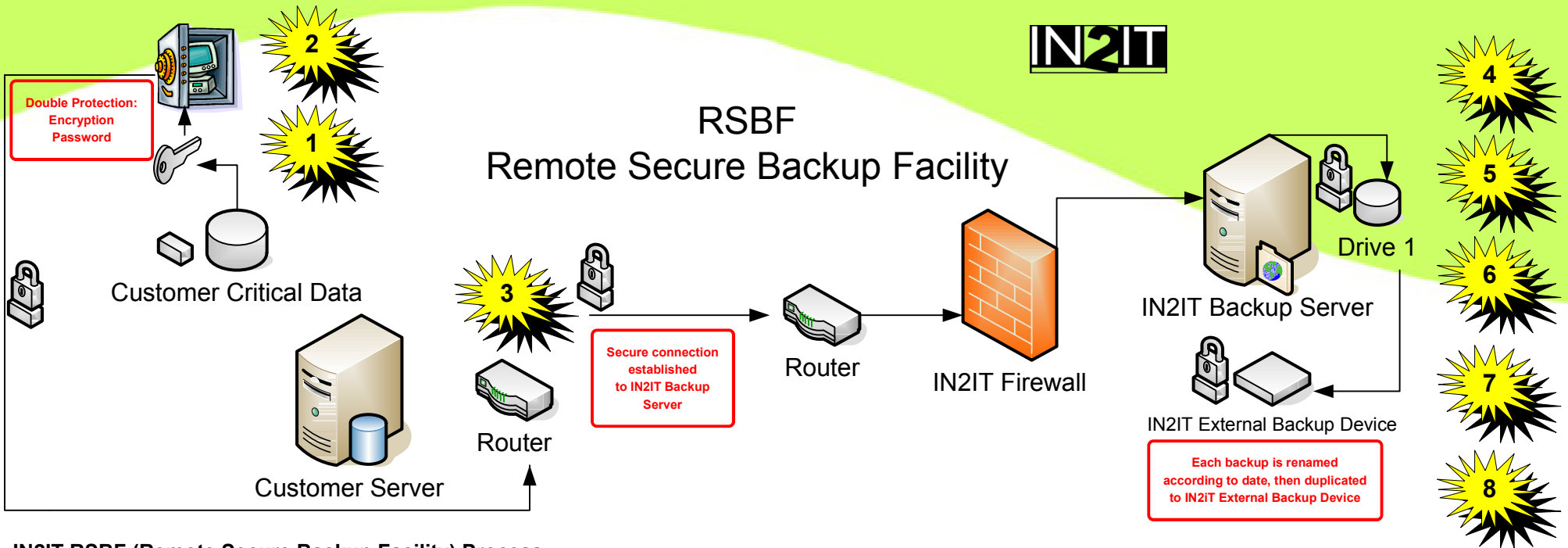
IN2IT recommends that at a minimum *Critical Data* is backed up using RSBF. The IN2IT dictionary defines *Critical Data* as the data which is the *life blood* of the business. Typically these can include agreements, accounting systems, critical databases and payroll.

Utilising IN2IT's RSBF Solution and maintaining your existing internal backup procedures and policies you will effectively operate a hybrid backup system offering peace of mind, insurance and disaster recovery in the event of complete loss.

IN2IT's RSBF Solution offers the executive a robust and customisable hybrid backup solution designed to meet the needs of businesses in a South African context.



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IN2IT RSBF (Remote Secure Backup Facility) Process

- 1st Step: Customer Critical Data is compressed with Secure Password stipulated by customer
- 2nd Step: Customer Critical Data is encrypted using Advanced Encryption Standard. Encryption key is stipulated by customer
- 3rd Step: The IN2IT Remote Backup Software Solution opens a secure connection to the IN2IT Backup Server. Username and Password to establish the secure connection is stipulated by the customer.
- 4th Step: The file is transferred to the IN2IT Backup Server
- 5th Step: The IN2IT Backup Server renames your backup file to the date of the backup
- 6th Step: The IN2IT Backup Server retains a copy of the consecutive dated backups on Drive 1
- 7th Step: The IN2IT Backup Server mirrors the above dated backups to the IN2IT External Backup Device carrying two independent copies of the same data daily.
- 8th Step: IN2IT verify that backups have taken place.

Benefits:

- 1 IN2IT does not need to know your password or encryption details
- 2 Files are highly secured using Advanced Encryption Standard endorsed by US Government
- 3 Encryption on files is Unix based and secure at IN2IT utilising both hardware and software firewalls.
- 4 Data resides on IN2IT server allowing for trusted quick data recovery
- 5 Your data is stored in a different location; insurance in the event of fire, theft and flooding
- 6 Elimination of the Human Factor as backup function is automated.
- 7 Backup solution is inexpensive, no outlay is required for hardware or software.
- 8 No charges for any update to the IN2IT RSBF software.
- 9 This is a hybrid system designed to compliment your existing backup solution.
- 10 The backup files are a clean complete backup; each run contains a fresh set of data.



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