



Case Study

Corporate Risk Associates

“LAN2LAN working with Data2Vault, has extended our previous data protection service covering Backup and DR by enabling Data Insurance Powered by Asigra™, to further reduce the assessed risk”

Azhar Hashim, IT Manager. Corporate Risk Associates



CRA²

risk analysis

Company

Corporate Risk Associates

Data Protection Services

- Data Protection for Data Insurance
- Data Insurance cover for critical data assets
- Data Protection for Data Insurance can be added to existing backup services
- D2V Cloud Backup & rVDR, remote Virtual DR
- Automated offsite backup
- Low management overhead
- IT DR Plan

Benefits

- Data Insurance reduces risk if critical data is lost
- High Indemnity cover starting at £1m with Low Premium cost
- Peace of mind through a layered approach Cloud Backup, IT DR Plan and Data Insurance
- Greatly reduced backup windows
- Improved recovery rates due to a reduction in human intervention

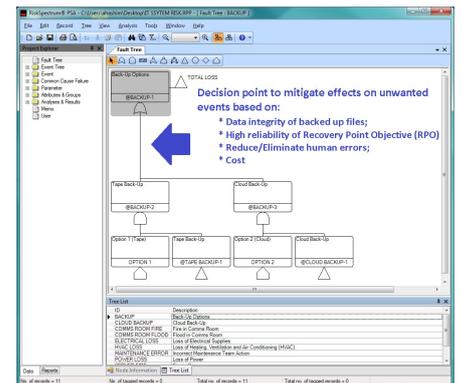
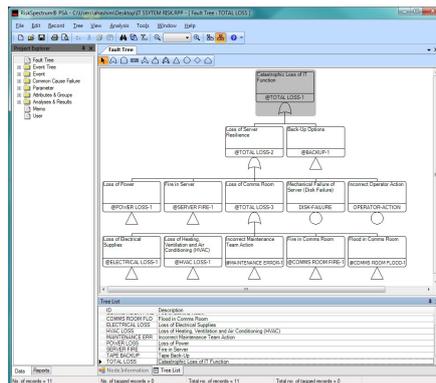
Introduction

In early 2016, with the availability of Data Insurance and increased threats from sources such as Ransomware and advanced exploits, CRA reappraised their risk of critical data loss. Despite having both Cloud Backup and remote DR services, their updated ALARP analysis indicated that Data Insurance covering the permanent loss of critical data added a further, cost effective level of protection.

CRA rely on a number of critical line of business applications, for risk assessments and a company-wide email system. Given the expertise within CRA for risk analysis, major decisions regarding IT changes are assessed, as are the potential solutions, to see which provides the optimal mitigation of the risks.

During the initial assessment, one of the areas that a higher than acceptable risk was identified was the use of agent-based, tape backup. When CRA applied their risk methodology based on ALARP (As Low as Reasonably Practicable) they found that eliminating as much human intervention, tape media and agent-based software as possible in the operation of their IT systems, reduced risk and this led to an evaluation of the Cloud Backup market.

With the availability of Data Insurance, CRA reappraised the risk of critical data loss and despite having both Cloud Backup and remote DR services, they felt the Data Insurance added a further level of protection with the ALARP analysis they carried out.





The solution

As the initial VMWare infrastructure came to be upgraded by CRA's IT support partner LAN2LAN, it was decided that the infrastructure would remain based VMWare and Windows and would still be located on-premise, but CRA were interested to see if they could reduce their risk of critical data loss even further.

Asigra had proved to be a reliable and cost effective solution, but CRA's research identified an emerging product in the Insurance market that could further minimise risk of permanent data loss – Data Insurance underwritten by Allianz.

The new Data Insurance product utilised an Insured Data Environment (IDE), and automated processes to help further lower data loss that had already been quantified by many years of recovery statistics. The Insured Data Environment (IDE) is based on a Data Insurance version of Asigra Recovery License Model (RLM) and has been

architected by Asigra Hybrid Partner Data2Vault and Asigra, leading to certification by Cyber Data Solutions.

This layered approach includes the provision of a Cloud Backup and IT Disaster Recovery service, plus Data Protection for Data Insurance all Powered by Asigra™ and provisioned and supported by Data2Vault.

This was a combination that provided more automation, less reliance on human intervention, less backup software and no tape media, thereby lowering operational risk.

The Data Protection for Data Insurance services protect the most critical data at CRA and enable a low annual premium, for a high indemnity Insurance policy to provide cover against permanent data loss in excess of £1,000,000

Asigra is a FIPS 140-2 certified solution and the UK data centres used to provision the Data2Vault services are ISO27001 (Infosec) certified, assuring that the backup data in transit and held offsite was going to be secure.

Asigra Cloud-Based Data Recovery Delivers:

- Data Protection for Data Insurance
- Integrated solution for data backup and Disaster Recovery
- More efficient use of storage and network resources
- Data encryption that secures data in-flight and at-rest
- Confidence that data can be restored and recovered quickly from local or off site vault
- Indemnity cover in the event of permanent data loss of critical data

Operational Benefits

- Minutes to manage
- Simple automated reporting
- Set and forget protection with Disk2Disk Cloud
- Centralised control

Security Benefits

- Certified FIPS 140-2 solution
- Data encrypted at all times
- Complete Data Protection
- ISO27001 UK data centres

Financial benefits

- Simple cost model
- Predictable fees as your data grows
- Re-purpose existing infrastructure

Business Benefits

- Financial recompense if critical data is permanently lost
- Fast local-disk based recovery
- Non-disruptive testing
- Complete IT DR capability

Azhar Hashim, IT Manager, Corporate Risk Associates commented

“Our initial ALARP risk assessment highlighted backup and IT DR as an area of particular risk, starting with the move from physical systems to VMWare and then once the new systems were operational.”

“The Asigra platform has provided the ideal data protection service for all our Backup and offsite DR needs while reducing the assessed risk”

Azhar went on to add “finding an innovative Data Insurance solution from Cyber Data Solutions delivered with an Asigra provider like Data2Vault has added another level of risk reduction. We have predictability of costs, flexibility in the services we select, the added security of the FIPS 140-2 certification when addressing Data Protection and confidentiality issues plus indemnity cover in the event of permanent data loss of our critical data.”

Azhar concluded “We would definitely recommend that board members and IT professionals looking to reduce risk and optimise their data protection talk to Data2Vault and LAN2LAN about Asigra based Cloud Backup and Data Protection for Data Insurance services.”



About Corporate Risk Associates

Founded in 2000, Corporate Risk Associates (CRA) has developed into a key player in delivering quantified risk analyses to the mission critical industries - Energy including Nuclear, Oil and Gas, Transportation, Defence, Finance and Data Centre. CRA is the largest integrated Operational Probabilistic Risk Analysis consultancy in the UK.

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Innovators in the world of risk, the CRA team members have been involved in Operational Risk Analysis, Enterprise risk and due diligence since the late seventies. In recent times, CRA have created a Probabilistic Risk Analysis framework to cover all aspects of Operational Risk Analysis from Process

Mapping, Risk Identification and Quantification, Risk Mitigation through to Post Loss Event Analysis. Risk ranked insights are derived using the As Low As Reasonably Practicable (ALARP) concept combined with Real Options Analysis.

CRA firmly believe that this approach which is already well established in the oil and gas, and nuclear power industries, is unmatched by any other quantified technique in the market place. CRA is ISO9001 and ISO14001 certified and winner of the Risk Management Specialist Company of 2014 (CIR Magazine).



About LAN2LAN

LAN2LAN has evolved over the last 20 years from a Network Infrastructure company to a provider of complete IT solutions. We devise clever solutions to solve the IT challenges of Email & Collaboration, Security, Wireless & Mobility and Infrastructure.

Our world-class team of advisors are widely acknowledged for innovative use of technology in enhancing, improving and transforming businesses. It is this unique combination of experience and personal engagement that sets us apart from traditional product resellers. Working closely with Data2Vault, LAN2LAN is providing CRA with a business critical, fully managed, cloud based DR and backup service.



About Data2Vault

Data2Vault executives and staff have been involved in the secure data protection market since before 2005 working closely with Asigra throughout this time. Our philosophy is simple, security must be at the core of the data protection services we offer, and no one size service fits all. Our objective is to always deliver the data protection services that an organisation needs, securely and in the way that they need it provided. As those needs evolve, then so must our service delivery models, while always retaining a consistent focus on security and management of risk wrapped up in a high quality service



About Cyber Data Solutions

Cyber Data Solutions grew from the observation that existing standard insurance policies do not adequately cover the cost of catastrophic permanent loss of data for business. We realised the reason is insurers' historic inability to quantify the value of data and to manage its replacement. Cyber Data Solutions solves these two key issues, making it possible to protect data in the same way as any other asset.

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