

Case Study

MI Holdings Pte Ltd Protects Their Reputation with Cloud Backup



- High Tech Contract Manufacturing Factories and Product Development Services in China and Singapore
- Higher reliability than tape, greater peace of mind and easier recovery of lost data
- Cost savings as a result of less manpower needed to manage backup



SUMMARY

The nature of MI Holdings' business requires them to manufacture to precise technical specifications, and to deliver finished components on time to multi-national customers across Asia. Meeting customer expectations necessitates a well organized interconnected workflow, and so downtime or data loss in any supporting system has the potential to result in costly delays.

CUSTOMER OVERVIEW

Operating factories in Singapore and China since 1990, MI Holdings Pte Ltd has been providing complete contract manufacturing solutions and product development services which range from design engineering to product assembly to supply chain management. Their clients are mainly multi-nationals from the automotive, hard disk drive (HDD), consumer electronics, and medical/healthcare sectors. Mr. Gilbert Monfero, the System Engineer of MI Holdings understands the costly delays of downtime or data loss so was diligent in backing up the domain controller, file server, HR database, and payroll system to LTO tapes on a daily, weekly and monthly schedule. Using tape appeared to be the most affordable solution for protecting large quantities of data. MI Holdings didn't expect the hidden costs of using tape.

BUSINESS SITUATION

Managing the tape backup regimen resulted in increased manpower costs associated with, among other things, weekly manual changing of tapes on the autoloader and bringing tapes offsite on a monthly basis. Frequent breakdown of the tape autoloader resulted in more wasted time and a decreased ability to reliably recover data from the backups.

A reliable data protection strategy was needed to minimize the impact to operations from inevitable hardware failures, and to protect the financial interests and reputation of the company.

In early 2012, MI Holdings set out to look for solutions that could meet the company's needs. They were prepared to evaluate both old and new technologies, but the capabilities of the vendor providing the solution had to be a key consideration in the evaluation. They wanted someone reliable and with domain expertise. Security of the backup data must also not be compromised in the final architecture.

ASIGRA CLOUD-BASED DATA RECOVERY DELIVERS

- Single integrated agentless solution for all data protection needs
- Policy-based protection based on the user's IT environment and recovery requirements
- Optimization of IT resources for enhanced utilization
- Data encryption that secures data in-flight and at-rest with full support of compliance requirements
- High-performance data recovery.

CHALLENGES

- High value and multiple generations of data
- Hidden cost of tape backups and rising tape hardware costs
- Worries about the recoverability of data backed up to tape.

SOLUTION

After evaluating and testing numerous solutions, including other cloud based services, the company selected ATEGO, the managed backup service of Pantropic due to the overall technical strength of the solution and the responsiveness of Pantropic's staff.

ATEGO Cloud Backup powered by Asigra uses a **NIST FIPS AES 256** cryptographic module, and stores data offsite in two secure commercial datacenters in Singapore. Aspects of the solution which are respected include detailed reports, easy to interpret error logs, lower administration effort, and offsite backup.

“Data security and encryption are very important. We would not have chosen this solution if it was without these features. No more tapes, no more hardware (autoloader) failure... ATEGO delivers more reliable backups.”

Gilbert Monfero, System Engineer
MI Holdings , IT Infrastructure

RESULTS

Today, MI Holdings' continues to enjoy hassle-free data backup and peace of mind knowing that their files are protected, and can be easily and quickly retrieved using ATEGO.

ABOUT PANTROPIC

Pantropic helps both large and small organizations in Singapore and the South East Asia to protect their critical data and keep their applications up and running by providing a suite of enterprise solutions and managed services. Pantropic owns and operates a highly successful cloud backup managed service, based on the Asigra platform, under its own brand name, ATEGO Cloud Backup.

About Asigra

Trusted since 1986, Asigra provides organizations around the world the ability to recover their data now from anywhere through a global network of partners who deliver cloud backup and recovery services as public, private and/or hybrid deployments. As the industry's first enterprise agentless cloud-based recovery software to provide data backup and recovery of servers, virtual machines, endpoint devices, databases and applications, SaaS and IaaS based applications, Asigra lowers the total cost of ownership, reduces recovery time objectives, eliminates silos of backup data by providing a single consolidated repository, and provides 100% recovery assurance. Asigra's revolutionary patented Recovery License Model provides organizations with a cost effective data recovery business model unlike any other offered in the storage market. Asigra has been recognized as a Gartner Cool Vendor and has been included in the Gartner Magic Quadrant for Enterprise Backup and Recovery Software since 2010.

More information on Asigra can be found at www.recoveryiseverything.com



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