

# SilTerra integrates compliant, cost-effective cloud storage with Wasabi and Nakivo

*“Wasabi is as focused on innovation as we are. Their cloud storage streamlines upload times and ensures we can easily remain compliant with robust ISO security standard requirements. That compliance is crucial to our business, and our customers.”*

*-Rozaimi Ahmad, Data Center Team Lead, SilTerra*

## Overview

As a pure-play semiconductor foundry, SilTerra Malaysia Sdn Bhd ships its advanced computer chip wafers around the world. The company also partners with its customers to develop cutting-edge sensor and chip technologies for innovative applications across a range of industries, from IoT and consumer electronics to data communications, healthcare, and automotive. Implementing a fast, reliable backup and storage solution that complies with stringent ISO requirements was crucial to SilTerra's business. The company needed a data storage partner as innovative as itself.

## ISO security standard drives the need to streamline data storage and backup processes

SilTerra found its costly on-premises storage system could no longer meet its needs. “All of SilTerra's data was kept physically on-premises,” said Rozaimi Ahmad, Data Center Team Lead for SilTerra's IT department. “We were constantly uploading data to our tape library and external discs, but it's well known that over time, tape will deteriorate, and keeping everything categorized in a way it could be easily found again was proving to be time-consuming. We needed to ensure data would remain secure, intact, and recoverable.”

Maintaining on-premises storage limited capacity and left data vulnerable to security breaches. SilTerra knew it needed a better approach to ensure compliance with stringent ISO 27001 information security and cyber-risk management requirements while establishing a more robust backup and recovery strategy. “Data protection is paramount,” Ahmad said. “We're working with business-critical data and partners around the world who rely on us. We have a security team that overlooks our entire infrastructure so that no matter whether data is stored onsite or in the cloud, we're mitigating potential breaches or cyberattacks from hackers.”

But whatever approach was taken also needed to meet key metrics for SilTerra. The company conducted extensive research on storage capacity, data upload and download speeds, and—crucially—pricing of cloud products. “Wasabi was the most

## CUSTOMER

**SILTERRA®**

## INDUSTRY

- Semiconductor Manufacturing
- IT

## USE CASES

- Backup and Recovery
- ISO Security Compliance

## PARTNER ECOSYSTEM

- Technology Alliance Partner: Nakivo
- Managed Service Provider: OneT

## CHALLENGE

Find reliable, affordable cloud storage solution that meets international security standards

## SOLUTION

Wasabi Hot Cloud Storage with Nakivo backup software and OneT managed services

## RESULTS

- Hot storage at cold storage prices
- ISO 27001 compliance
- Ability to protect and restore more data easily
- Cost savings and predictable budgeting

attractive solution for SilTerra because of its price predictability,” Ahmad said. “Wasabi’s straightforward pricing made it an easy choice for SilTerra’s management team.”

“Since Wasabi’s been introduced into our infrastructure, copying backup data to the cloud has become a seamless process that saves us time so we can focus on developing new innovations with our customers,” said Ahmad. He added that adopting secure cloud storage has ensured the company meets ISO 27001’s data capacity and location requirements. “Sending data to Wasabi makes it easier to trace for certification purposes. It’s clear cut.”

## **Affordable Wasabi Hot Cloud Storage and Nakivo backup software creates a robust, secure data management process**

SilTerra set up its solution using Wasabi Hot Cloud Storage with S3 Object Lock, Nakivo backup software, and OneT as its managed service provider. The company also makes use of Wasabi’s S3-compatible command line interface to integrate with Linux operations. Data upload is automated as much as possible, Ahmad said. “We have multiple methods of uploading files to Wasabi, ensuring data remains robust and reliable.”

Ahmad shared that Wasabi’s secure storage features are key to SilTerra’s backup and recovery strategy. “Data is securely locked and encrypted with Wasabi’s Object Lock immutable storage feature, and it’s easily restored after any malicious incidents. We can protect our data from exposure thanks to how seamlessly Nakivo and Wasabi work together. OneT also provides helpful technical resources and easy-to-understand explanations. They’ve been very supportive.”

## **“Looking into the worldwide economic situation, pricing was the most critical factor for us choosing Wasabi.”**

SilTerra sends three backup copies to Wasabi, each with a quarterly retention period per object. “The storage and backup solution with Wasabi and Nakivo allows SilTerra to quickly and easily store massive amounts of data,” Ahmad said. “We are able to budget for future storage needs predictably thanks to Wasabi’s flat-rate pricing. Wasabi’s pricing simplicity eliminates many headaches.”

## **What’s Next for SilTerra?**

In the future, SilTerra looks forward to leveraging Wasabi’s lack of egress fees for accessing and restoring data. “Downloading data was not a critical factor for us when we first implemented our solution, but Wasabi doesn’t charge extra egress fees for accessing data. I can already see how that will benefit us if needed,” said Ahmad.

### **ABOUT WASABI**

Wasabi provides simple, predictable and affordable hot cloud storage for businesses all over the world. It enables organizations to store and instantly access an unlimited amount of data at 1/5th the price of the competition with no complex tiers or unpredictable egress fees. Trusted by tens of thousands of customers worldwide, Wasabi has been recognized as one of technology’s fastest-growing and most visionary companies. Created by Carbonite co-founders and cloud storage pioneers David Friend and Jeff Flowers, Wasabi is a privately held company based in Boston.

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Email [info@wasabi.com](mailto:info@wasabi.com)

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