



CASE STUDY

Delivering security insight and time savings to keep workplace service provider on the right track.

Barracuda unifies email and data security and cloud backup to reduce business risk.

Customer

- HCS provides HR and workplace consulting and outsourcing services for customers in the Netherlands
- Its extensive experience in sustainable employability, managing absenteeism, social security, and education and training helps employers navigate the new world of work with greater confidence

Challenges

- An expensive backup solution
- Concerns about over-reliance on Microsoft 365 native retention

Solutions



Benefits

- Backup offers peace of mind all-year round
- Clear visibility into sensitive data for enhanced GDPR compliance
- Granular threat insight to reduce email security risk



Like many IT professionals, Daniel Vleeshakker believes in multi-layered cybersecurity. So, when his organization, HCS, migrated to the cloud with Microsoft 365, he was reluctant to put all his faith in the threat protection and backup capabilities offered natively by the platform.

“While Microsoft is good, and getting better, I don’t like to trust only one supplier,” he says. “I’m all about putting multiple suppliers in the chain of defense.”

It quickly became clear that Barracuda was the perfect fit for the company. It now delivers cloud backup, Microsoft 365 protection and privacy compliance capabilities from a single streamlined offering.

Getting started

Senior System Administrator Daniel had come across Barracuda before and rated its on-premises email and web security products highly. So when the company he worked for was taken over by HCS, the workplace services provider began searching for a security partner to bolster its digital transformation, Barracuda was the obvious choice. With two recently acquired companies now in the HCS fold, he needed to gain DMARC visibility into the multiple domains being used to send official emails. A lack of IT documentation in the company made this task more urgent still.

After choosing Barracuda Impersonation Protection to mitigate email risk, thoughts turned to backup.

“We created a trial environment and did some tests with the backups,” says Daniel. “When Barracuda showed us the product roadmap and new features to come, that made up our minds.”

Up and running

In the end, HCS purchased three Barracuda solutions: Impersonation Protection, Cloud-to-Cloud Backup and Data Inspector.

Barracuda Impersonation Protection leverages AI technology to protect against business email compromise (BEC), conversation hijacking, brand impersonation and much more. It’s designed to learn the customer’s email environment over time, baselining “normal” behavior so that it’s better able to spot sophisticated malicious activity that may evade legacy tooling. It can even generate intelligence to flag which employees are more likely to be targeted by such threats.

Barracuda Cloud-to-Cloud Backup delivers powerful, flexible and simple-to-use backup and restore capabilities to mitigate the risk of accidental deletion and/or deliberate destructive attacks and ransomware. Customers can restore Microsoft 365 Teams, Exchange, SharePoint, OneDrive, and OneNote data with highly granular detail, and benefit from point-in-time retrieval, and both scheduled and on-demand backup. Data is also deduplicated and compressed to maximize storage efficiency and minimize the backup window.

Barracuda Data Inspector is a malware and content scanning service designed to identify risk at a glance. That means anything from malicious files, to sensitive data stored in SharePoint and OneDrive which may be a compliance risk.

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Daniel Vleeshakker, Senior System Administrator
HCS



All three products were set up in just minutes, according to Daniel.

“It was very straightforward,” he explains. “And with the backup solution we didn’t lose any of the data inputted during the trial, which meant we could get up and running even easier.”

Saving time and driving insight

The end result has been to save time and provide Daniel and his colleagues with more insight, he explains. This is especially true of Impersonation Protection, which provides granular visibility into how their email domains are used by third parties and enables them to quickly set up authentication policies to stop abuse.

“It’s easy to see which accounts are being spoofed. For example, we got an email pretending to be a company director, asking HR to change his bank account number for payments,” Daniel continues. “We use intelligence like that to improve our user awareness. In this case, we set up a banner to alert staff when someone from outside the organization is pretending to be an employee.”

“The thing is Barracuda products are simple to understand, the dashboards are clear and informative, and it’s easy for me to share them with my colleagues. They don’t even need to read documentation or sit through training to use these products.”

Daniel Vleeshakker, Senior System Administrator
HCS



Data Inspector, meanwhile, has enhanced HCS's compliance with GDPR by flagging sensitive data that has been improperly stored. "Microsoft has a similar tool but it's difficult to understand and configure," Daniel argues. "Data Inspector gives us a really nice overview. We can scan the environment and identify malware and sensitive data including passports and ID cards that are stored in SharePoint and OneDrive."

Barracuda Impersonation Protection, Data Inspector, and Cloud-to-Cloud Backup help the small security-focused team of just two and the wider IT team at HCS to save time by delivering intuitive, streamlined capabilities. Daniel runs restore tests in the backup solution every quarter and describes it as a "flawless" product.

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Learn more:



[Impersonation Protection](#) is part of part of Barracuda Email Protection. It protects against business email compromise, account takeover, spear phishing, and other cyber fraud. It combines artificial intelligence and deep integration with Microsoft Office 365 into a comprehensive cloud-based solution. Impersonation Protection's unique API-based architecture lets the AI engine study historical email and learn users' unique communication patterns. It blocks phishing attacks that harvest credentials and lead to account takeover and enables real-time remediation.



[Barracuda Cloud-to-Cloud Backup](#) provides easy-to-use SaaS backup for your Microsoft 365 data, including Teams, Exchange Online, SharePoint and OneDrive, including OneNote, with unlimited storage and retention.



[Barracuda Data Inspector](#) automatically scans your OneDrive for Business and SharePoint data for sensitive information and malicious files.



About Barracuda

At Barracuda we strive to make the world a safer place.

We believe every business deserves access to cloud-first, enterprise-grade security solutions that are easy to buy, deploy, and use. We protect email, networks, data, and applications with innovative solutions that grow and adapt with our customers' journey. More than 200,000 organizations worldwide trust Barracuda to protect them — in ways they may not even know they are at risk — so they can focus on taking their business to the next level. For more information, visit barracuda.com.