Stora Enso Delivers Global Data Management Across Edge Environments for Unlimited Scale with Rubrik

> "Rubrik Edge eliminates complex data management across multiple sites, delivering scalable growth and one-click restores at remote sites."

Benny T'Jaeckx
IT System Engineer

Stora Enso, headquartered in Helsinki, Finland, is a leading provider of renewable solutions in packaging, biomaterials, wooden constructions, and paper on global markets. Stora Enso's paper mill in Langerbrugge, Ghent, produces 540,000 tons of recycled newsprint and magazine paper annually. As a forerunner in sustainability, the mill also operates two biomass-fueled CHP's (Combined Heat and Power plants) that produce more than 70% of the electricity required by the mill.

With three production units and five sales offices across the UK, France, and Belgium, Stora Enso Langerbrugge needed a global data management solution across all locations, on-premises, at the edge, and in the cloud.

"Since we support eight locations in three countries, it is imperative that we have visibility into all our data and speed of recovery to ensure operational continuity across all our environments," said **Benny T'Jaeckx, IT System Engineer** at Stora Enso.

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Poor Backup Performance and Complex ROBO Management

Prior to deploying Rubrik, Stora Enso lacked a data management solution for their remote offices.

"We have seven remote offices and were previously relying on tape for backups. This manual process was complex, time-consuming, and difficult to scale. For instance, adding a new VM required intensive planning with our backup schedules," T'Jaeckx explained.

"Additionally, we had poor backup performance, so the team could only backup once a week. Backups took 48 hours to complete and were unable to meet backup windows. Even more, the whole process required daily monitoring, which drained our resources."

"Lastly, we struggled with managing our physical SQL servers because backups and failure notifications were unreliable."

INDUSTRY
Manufacturing

RESULTS

- Instant recovery
- RPO reduced from 1 week to 1 day
- 6x improvement in backup performance

THE CHALLENGE

- Poor backup performance and lengthy restore times
- Lack of data management for ROBO environments
- Complex backup management for physical SQL

THE SOLUTION

- Policy-driven management across all environments
- Rubrik Edge, software-only appliance, across seven remote sites
- Time-saving management for physical SQL
- Global predictive search for file-level recovery

PARTNER
Nubera

Unified Data Management Across On-Premises, at the Edge, and in the Cloud

By switching to Rubrik, Stora Enso Langerbrugge simplified its data management process with a single solution across all environments. "Previously, managing ROBO environments was cumbersome and unreliable. With Rubrik, we have eliminated tape and are leveraging policy-driven management. This approach diminishes the risk of data loss in the event of a disaster." Additional benefits include:

Rack-and-go setup: "The installation for Rubrik and Rubrik Edge couldn't be simpler. Each was up-and-running in under 30 minutes and auto-discovered our entire environment. Prior to Rubrik, setup could be tedious. The solution required add-ons and was never fully optimized. Rubrik was optimized out of the box."

6x improvement in backup performance: "One of our biggest pains before Rubrik was lengthy backup windows. A weekly backup would take 48 hours to complete. Now, we backup every VM daily in less than 8 hours."

Rubrik for physical SQL: "Our physical SQL servers required close monitoring due to unreliable backups and failure notifications. In addition to policy-driven automation, Rubrik enables quick recovery with just a few clicks within a consumer-grade interface — no training required."

Optimized replication and self-learning: "Due to former storage, our retention policies were set to 2-3 months and databases were set to 2 weeks. Rubrik provides deduplication between all backups. So, now our retention is set to 2 years while still maintaining runway. One highlight of Rubrik is it is self-learning, meaning that the more we use Rubrik, the better it provisions the runway in the future."

Accelerated test/dev: "Rubrik's Live Mount feature simplifies restoring production to testing databases. This allows our developers to do testing and development without impacting production workloads."

Instant recovery with file-level restores: "Rubrik has impacted our day-to-day operations by enabling quick recovery no matter where the data resides. The RTO for virtual workloads has reduced to seconds. In addition, Our RPO has gone from 1 week to 1 day. For our SQL servers, the RPO has lowered from 1 hour to 5 minutes. We can also use Rubrik's global indexed search to perform file-level recovery, a capability our previous solution did not provide. If someone deletes a file, we can easily restore it without needing to know which folder it is in."

Envision reporting to ensure compliance: "Rubrik's built-in reporting ensures that we are immediately alerted of a failure. The team also has plans to leverage Rubrik Envision to create customized reports and help drive business goals."

In the future, Stora Enso Langerbrugge plans to use Rubrik for archiving to the cloud. "Rubrik's seamless integration with public cloud was a major deciding factor when evaluating solutions. In combination with the scale-out architecture, Rubrik is the perfect platform to grow with our business needs."