

CASE STUDY

Gerichte Basel-Stadt Delivers Critical Performance Benefits and Reduces Costs with Infinidat's Flexible Enterprise Storage Model

Gerichte Basel-Stadt, the non-profit Court of Justice, is based in the German-speaking Canton of Basel in Switzerland and is one of the country's largest courts. It administers a free and fair court system to over 170,000 citizens whereby its federal constitution gives everyone the right to bring disputes, be it with private individuals or the state, to an independent judicial authority.

The IT team at Gerichte Basel-Stadt handles the enterprise services, disaster recovery, backup and data center operations for everyone working within the organisation. The centralised system required a fully scalable, user friendly storage infrastructure to support the needs of all Court departments from criminal, arbitration through to civilian.

When the Court of Justice faced a significant demand for better performance, higher capacity and availability capabilities to meet the growing needs of its users, it selected the InfiniBox® data storage solution from Infinidat. By replacing its incumbent storage systems and consolidating to Infinidat's powerful enterprise storage, the IT department reduced costs and improved reliability across the judicial system.

The Challenge: Expanding Court Services and Productivity while Lowering Costs

In 2020, with nearly 500 users requiring near-zero latency access, relying on mission-critical applications and multimedia files that enable its citizen-focused services, the IT team began looking at Infinidat's technology as a potential solution. The primary focus for the Court's IT leaders was to ensure that internal customers could reliably access their mission critical applications. Their virtual desktop system was running in an all-flash environment and was supported by a document management system running on other legacy arrays. The team needed to demonstrate that the entire infrastructure could be upgraded and expanded seamlessly without any limits to capacity – across multi-protocol storage (SAN + NAS) within one single solution. All this while meeting availability and performance requirements, and within the strict budget controls.

"Ideally, our customers require to always have access to their business systems. Our goal is to provide them with an 'Always On' infrastructure with an RPO and RTO of near zero. We sought a failsafe storage solution with a flexible customer-focused payment model, and one that required minimal effort in either migration or management," said Laurent Ulrich, Head of IT at Gerichte Basel-Stadt. "We could not afford to experience a data lapse for even a few seconds, whether our customers are accessing documents, databases, or VDI clients."

The Solution: Seamless Upgrade with Opportunity to Grow

After setting the criteria for the new solution and running a solid Proof of Concept (POC) evaluation, Gerichte Basel-Stadt found that InfiniBox® was the perfect fit. Infinidat's enterprise storage solution provided the performance, availability, scalability and ease of use that they required but, most importantly, it also did so within budget.

"We get more or less the same budgets every year and have to find the right technology solutions within these cost restraints as a not-for-profit company.

Our procurement process is also understandably long and complex, so Infinidat's elastic pricing solution was perfect for us."

Laurent Ulrich, Head of IT at Gerichte Basel-Stadt.

Solution Advantages for Gerichte Basel-Stadt

INFINIDAT



0% downtime



*Enhanced
performance and
guaranteed uptime*



*Additional capacity
accessed through
elastic pricing*

By utilising Infinidat's flexible pricing consumption model, Gerichte Basel-Stadt found that Infinidat's storage solutions offered an all-round enterprise upgrade at a lower cost than the incumbent all-flash vendor. This provided the IT team with the ability to effectively manage its data storage growth with a predictable cost, while only paying for the storage that they use.

"The possibility of an outage was the key driver. We needed an upgraded, consolidated storage system with near-zero latency, but also with the highest overall performance available," said Laurent Ulrich. "The POC process with Infinidat was easily explained and carried out - other vendors do not make things this seamless."

The Result: Remote Access, Anytime Anywhere

Gerichte Basel-Stadt's newly installed InfiniBox storage solution provides the much needed enterprise-class storage performance, availability, and data protection. The InfiniBox system was pre-installed with upwards of 500 Terabytes of capacity, while the court only pays for the storage they utilise. Built in redundancy is another critical feature of the Court's operations and the InfiniBox's triple redundancy controllers guaranteed uptime, ensuring a constant service to both internal and external users.

Gerichte Basel-Stadt has also noticed a significant business impact with round the clock visibility on the newer, faster systems. Infinidat's solution for the Court is an infrastructure that includes servers running VMware VDI, an improved load-balancing access through F5's BigIP and secured through Duo's multi-factor authentication. The integrated architecture with Infinidat's storage solution now provides employees with uninterrupted access to their systems and data.

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Infinidat's smooth implementation, monitoring and global support for optimising the storage infrastructure removes the burden of day-to-day data administration and frees IT leaders to deploy resources on other business-critical functions within the judiciary.

Future Plans: Welcome Active-Active

There are plans for a full deployment of Infinidat's integrated Active-Active solution at the migrated data center, alongside another InfiniBox, at Gerichte Basel-Stadt. InfiniBox Active-Active replication provides zero-RPO and zero-RTO, enabling mission critical business services to keep operating even during a complete site failure, through a symmetric synchronous replication solution and without interrupting customer facing services.

To learn more about how Infinidat can help your organisation expand or consolidate your data storage, visit [infinidat.com](https://www.infinidat.com).

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