

## Case Study Hünenberg Schools

### Who are Hünenberg Schools?

The Hünenberg Schools are a public elementary school in the Canton of Zug with progressive leadership structures and efficient school management. They are committed to a humane, future-oriented and progressive education for their students from kindergarten to grade 9.

### Challenges: The Situation before baseVISION

The Hünenberg schools are facing the challenge of modernizing their infrastructure for the digital age. They have already taken important steps by managing their clients with Microsoft Intune. However, the server infrastructure was still located in a local data center.

### The Vision: Digital transformation with the Azure Cloud

- Move your entire server infrastructure to the Azure cloud.
- Leverage the full potential of modern cloud technologies.
- Increase efficiency and security.

«With Azure Governance Light, Hünenberg schools can plan for the vision of moving its entire server infrastructure to the Azure cloud, realizing the full potential of modern cloud technologies while significantly improving efficiency and security.»

Beat Arnold, computer scientist at Hünenberg schools

## Azure Governance: The Foundation for a Cloud-First Strategy

In order to successfully follow this ambitious path, the Hünenberg schools turned to baseVISION AG. Together they developed a long-term strategy with Azure Governance Light. The project is designed to provide the schools with a solid foundation for their Azure environment and facilitate their first steps into the cloud.

During the project, the following topics were analyzed in depth and integrated accordingly:

- **Resource Organization:** Where should Azure resources be placed? We asked ourselves this question from the very beginning. Because placing Azure resources correctly from the start reduces duplication of effort and creates a secure and modular environment.
- **Availability:** Ensuring the availability of Azure services was paramount, and we developed strategies to meet these requirements at all times.
- **Azure Policies:** We have defined basic Azure policies to provide clear guidelines for creating new resources and managing existing ones.
- **Tagging:** The definition of Azure tags and their possibilities were worked out to enable orderly resource management.
- **Naming:** A naming concept in an Azure governance concept is important to ensure clear identification, management, and ordering of resources in the cloud, enabling efficient and controlled implementation.
- **Identity:** Identity management and role-based access control (RBAC) implementation were covered, as identity is the perimeter in the cloud.
- **Monitoring:** Monitoring with Azure Monitor was introduced to proactively respond to Azure resource discrepancies.
- **Backup:** The implementation of backup mechanisms enables fast recovery in case of unexpected data loss.
- **Costmanagement:** We discussed the unique aspects of cost management in the cloud, including the shift from capital to operational costs, cost optimization, and budget monitoring.

«Getting started with Azure can be challenging and time-consuming. That's why it's important to take your time and get organized in the beginning. This is the only way to make the learning curve steep and sustainable. This is exactly what we did at the Hünenberg schools - with success!»

Pratheep Sinnathurai, Senior Azure Engineer, baseVISION AG

## Summary

Hünenberg schools are on an exciting journey into the future. Using Azure Governance Light, they are laying the foundation for a secure and efficient Azure cloud environment. This transformation will not only improve their technological performance, but also take the educational experience of their students to a new level. The Hünenberg schools are proving that education is not just about the classroom, but also about how an educational institution uses technology.

### Most beneficial Microsoft technologies used

- ✓ Azure Infrastructure
- ✓ Azure Governance Light
- ✓ Microsoft Entra ID
- ✓ Conditional Access



We make your IT workplace fit for the future - modern, flexible and secure.

Our focused business strategy combines expert knowledge with practical experience. You can rely on our expertise as a consultant, integrator and coach on your way to modern IT workplaces and the simple and secure operation of your end devices. As a young company, we are proud to have received the Microsoft Partner of the Year Award four times for our innovative and successful projects.



baseVISION