



TRAVYS SA – A new IT infrastructure for the public transport company in the Jura region of the canton of Vaud.

TRAVYS' IT reflects the image of the transport company: always on the move and ready to serve the public.

Starting point. TRAVYS were looking for an IT infrastructure predominantly based on servers, SAN storage, a virtualisation platform and a new central backup solution. Previously, daily backups were carried out by Windows and Linux servers.

Project objectives. TRAVYS wanted a turnkey solution that was easy to manage. The company were looking for experienced experts to carry out the project who would also take on the responsibility for the design and implementation of a virtual architecture for the management of the TRAVYS IT network. This virtual architecture needed to replace the existing physical servers, making the goals of this project particularly technical, economic and environmental in nature and including the purchase of servers, a SAN storage system and system software as well as the installation, knowledge transfer and maintenance of the entire system.

Challenge. Both production and the Veeam-supported backup infrastructure were based on HP servers. With regard to the network, we worked together with Cisco before deciding on VMware solutions for infrastructure virtualisation running on Microsoft operating systems. What's more, we provided TRAVYS personal and dedicated support for the entirety of the project and continue to do so through our Managed Services. Our PMS team (Project & Managed Services) were therefore able to ensure that the backups and IT infrastructure implemented worked well, service availability was guaranteed, maintenance was kept up and running and security patch updates were carried out on the servers to avoid potential security breaches. We were also able to guarantee infrastructure support via our operations centre. Our PMS team also handled the proactive maintenance and technical monitoring of the implemented system.

” We utilised Bechtle's services to procure a hardware and software platform for server and storage virtualisation. We were impressed by the wide-range of skills demonstrated by the Bechtle team during the project, both in terms of project management and follow up, and in keeping to schedule and budget. We are especially grateful for the advice of the Bechtle specialists, who implemented our project, allowing us to consider the future development of the IT platform. The Bechtle team is very approachable, flexible, available and were always ready to listen. We felt that we had a dedicated and professional team by our side during the entire project, that went much further than just doing what we asked of them – they have also guided us and helped us look towards the future. ”

Zakaryae Alaoui
IT Manager, TRAVYS

Solution. Bechtle followed its Best Practices with a project initialisation phase and an audit of the existing infrastructure before the hardware was installed, the two servers, switches, existing network components and SAN were configured in a design phase. After this, the virtual VMware vCenter was installed, the 2012R2 template created, and the new Microsoft server infrastructure, multi-site Veeam Backup and replication solution and Veeam One monitoring solution were deployed. As a final step, the migration of the domain, current DFS file servers and virtualisation of the 6 servers were carried out in the evenings, overnight or on Saturdays, before testing the infrastructure, high availability and backup. We of course wanted to meet the requirements in TRAVYS' specification document as best possible and, to achieve this, we carried out a workshop and a knowledge transfer phase for the on-site IT team. We also delivered detailed documentation as well as an instruction manual for solution implementation.

"Bechtle stood out against other providers as the Project & Managed Services team were able to offer us a reliable and scalable solution" explains Zakaryae Alaoui.

Business benefits. By installing this platform, TRAVYS gained more flexibility thanks to server virtualisation which reduced the number of physical servers required by three quarters.

"Our goal with this IT project was not primarily about reducing costs. We have benefitted much more in terms of productivity and reliability, allowing us to save time particularly with the unified management of our network and server infrastructure. We've also been able to improve our incident management", says Z. Alaoui.

"We benefit from high-quality and regular follow-ups thanks to the various meetings organised by Bechtle as well as the personal and dedicated advice of its specialists within the framework of new projects that we have started since the acquisition of our new infrastructure. We greatly appreciate the strength of the Bechtle Group and the Bechtle direct colleagues, who enabled us to use a single service provider for both project management and the purchasing of IT hardware", says Z. Alaoui.



Further information:
bechtle.ch

CUSTOMER PROFILE.



The public transport company TRAVYS SA (Transports Vallée de Joux Yverdon Sainte-Croix) is headquartered in Yverdon-les-Bains and is the result of the 2001 merger of the Yverdon – Sainte-Croix, Pont – Brassus and Transports Publics Yverdon – Grandson companies. In 2008, TRAVYS tied-up with the railway company Orbe – Chavornay and joined the Mobilis transportation association in 2010. In 2011, TRAVYS founded the Orbe bus network. Today, TRAVYS is the go-to company for public transportation in the Jura and northern Vaud regions, active in the transportation of commuters, holidaymakers and goods. Thanks to its 180 employees, the company operates 3 regional railway lines, 3 cross-country and 2 inner-city bus routes. Annually, the company transports a total of 4 million passengers. The public transportation company is continuously developing in order to provide its customers with consistently high-quality services.

Further information: travys.ch

PARTNERS.

