My work
I am responsible for the IT infrastructure and our IT security at the Swiss Distance University of Applied Sciences (FFHS). Our IT services are remotely accessible 24/7 from 4 different campuses and from home by more than two thousand students. High availability and scalability are essential not only for future growth but also to guarantee the highest possible service level. There was a need to evaluate new technologies and designs for our private cloud.

My challenges
To achieve such high service level, we must guarantee the data availability in a disaster scenario: it must be stored geo-redundant. SWITCHengines enables us now to add more capacity as needed - in a geo-redundant, highly scalable, fast deliverable and cost-efficient way.

– Stefan Meichtry, Infrastructure and IT-Security manager / IT-Services, FFHS

My solution
To deal with this situation we decided to work with complementary cloud resources instead of setting up our own storage system. With SWITCHengines we can now set up new large-scale storage resources for backups on demand in a second datacenter. For geo-redundancy we chose the Zurich region for our data copy. First, we had to setup the initial SWITCHengines instance to store the backups. Then we had to change the configuration of our backup software “Veeam Backup & Replication” to copy the local backup data to engines. This solution enables us to have geo-redundant backups, add more capacity as needed in a highly scalable, fast deliverable and cost-efficient way.

Further information:
swit.ch/engines