

CUSTOMER: STUDIERENDENGESELLSCHAFT WITTEN/HERDECKE E.V.

tecRacer moves self-administration of university fees to AWS

Since 1995, the StudierendenGesellschaft Witten/Herdecke e.V. has managed the tuition fees of the University of Witten/Herdecke as a non-profit organization. In addition to monthly contribution payments during the course of studies, the financing model „Reverse Generation Contract“ Income Share Agreement (ISA) provides for an income-dependent payment after graduation. Sage and Windata workstations were used to manage the tuition fees - at over 11 million euros, around a quarter of the entire university budget - tecRacer migrated these to AWS AppStream 2.0.

Sage & Windata Workstation Migration to AWS AppStream 2.0

The Sage and Windata workstations hosted on-premises by SG could no longer keep up with the increasing requirements for security, compliance and scalability. If possible, maintenance should also be simpler and costs lower. Another wish was to use managed services such as AppStream 2.0 as a virtual desktop infrastructure. For a quick best practice setup of the AWS environment, the non-profit association opted for tecRacer. As an AWS Premier Tier Consulting Partner in the Amazon Partner Network (APN) tecRacer has extensive experience from numerous projects.



Fast setup according to AWS best practice

The first priority was to set up the AWS environment quickly in accordance with AWS best practice. In doing so, tecRacer ensured straightforward communication with other service providers responsible for the application. Joint short iterative sprints were carried out for the collaboration. This allowed the system to be built and optimized step by step. The services used include EC2 Windows Server 2019 and Amazon AppStream 2.0. AWS Control Tower was used to set up the AWS environment. This service enables the setup and management of an AWS environment with multiple accounts using proven procedures.



Empowerment and integration of the StudierendenGesellschaft

From the AWS environment to the virtual desktop, the enablement of the customer played a major role right from the start. The StudierendenGesellschaft team had to build up its own skills to be able to use the applications optimally. Hands-on tests with the customer rounded off the introduction. tecRacer ensured that all the necessary tools that were not explicitly released for AppStream 2.0 were installed and configured. All compatibility challenges were also resolved.

Contact person at the customer:

Florian Berth, IT Project Lead, Witten:

“With tecRacer’s expertise, we are now also freer in terms of IT, in line with our philosophy: we can make the best possible use of the possibilities of the AWS cloud. At the same time, the new infrastructure costs us less of the money entrusted to us by the students.”



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Project goals

- Migration from the current workstation to AWS
- Cost reduction and easier maintenance, if possible
- Meeting regulatory requirements for security and compliance
- Use of managed services such as AppStream 2.0 as virtual desktop infrastructure, if possible
- Fast best practice setup of the AWS environment

Project duration

November 2022 to January 2023

Project performance tecRacer

- Fast setup of the environment according to AWS best practice
- Straightforward communication with other service providers who were responsible for the application
- Short iterative sprints for collaboration
- Customer enablement - from the AWS environment to the virtual desktop
- Hands-on tests with the customer
- Installation and configuration of the necessary tools that were not explicitly released for AppStream 2.0
- Resolving all compatibility challenges

Tools and services

- EC2 Windows Server 2019
- Amazon AppStream 2.0
- AWS Control Tower
- Cloud Formation

About tecRacer

tecRacer, based in Hanover and with eight other locations in Duisburg, Hamburg, Frankfurt, Munich, Mannheim, Vienna, Lucerne and Lisbon, offers AWS (Amazon Web Services) consulting, training, managed services and project management from a single source - seamlessly integrated across the entire cloud lifecycle - from strategy to implementation and operation.

The strategy remains the clear focus on Amazon Web Services. Here, tecRacer has been recognized as a leader in the ISG Provider Lens 2022 AWS Ecosystem Report for the third time in a row. And the focus on AWS proves tecRacer right: Since 2019, tecRacer has received the "AWS Consulting Partner of the Year DACH" award three times in a row. The owner-managed company, which has been recognized as a top employer for SMEs, now has more than 150 permanent employees, has trained more than 12,000 participants in AWS and has already successfully implemented over 750 AWS consulting projects.

You can find more information at www.tecracer.com or contact us at sales@tecracer.com.

