

Audit of the DTI key project 2020 FOITT CAMPUS data centre migration

Federal Office of Information Technology, Systems and Telecommunications

Key facts

The DTI key project data centre migration has already been audited several times by the Swiss Federal Audit Office (SFAO)¹. The project's aim is to establish the ICT infrastructure for the new CAMPUS data centre (DC) in Frauenfeld in order to migrate specialist applications and services currently run from the Titanic II data centre in Bern to the target location. The purpose of this audit was to assess the material progress of the construction of the different infrastructures and the migration of the specialist applications.

Both the establishment and the migration are behind schedule with regard to the provision of the (virtualisation) platforms, primarily due to external influences. The cost framework of the project itself will be slightly undercut, but the delay will cause follow-up costs of around CHF 5 million for the specialist applications to be migrated, according to the Federal Council's proposal of November 2022. The migrations of the defined specialist applications are not yet fully planned. The reporting to the higher-level offices is plausible.

Establishment of the platform delayed, geo-redundancy lacking for basic services

The Federal Office for Buildings and Logistics handed over the CAMPUS data centre to the Federal Office of Information Technology, Systems and Telecommunication (FOITT) on schedule at the beginning of January 2021. The establishment of the virtualisation platform was delayed due to COVID-related difficulties with the supply chains and because of a technology change for platform software that the manufacturer had imposed. This contributed to the need to find a workaround solution, especially for the electronic business administration system (GEVER), as well as other specialist applications. This workaround solution is being implemented with a second fire compartment in the existing PRIMUS data centre in Bern.

Individual basic services, such as eIAM, have not yet been systematically set up at the two new main PRIMUS and CAMPUS sites. This means that the required geo-redundancy for these essential services is still lacking. The services must be made available at both locations as a matter of high priority.

¹ "Audit of the DC DDPS/Confederation 2020 project" (audit mandate 15511), "Audit of CAMPUS Data Centre" (audit mandate 17410) and "Audit of migration projects in the CAMPUS data centre environment" (audit mandate 18491), available on the SFAO website (www.sfao.admin.ch)

The migration of the specialist applications must be systematically implemented even after the end of the project

In view of the delays in establishing the platform, the migration of the specialist applications will also be delayed. At the present time, the FOITT assumes that the old Titanic II data centre can be shut down on time at the end of 2023. This is one of the primary aims of the project, as the premises are already specifically earmarked for another use. By contrast, the migration of the 560 or so specialist applications has not yet been systematically and conclusively planned, and will not be completed until after the end of the project. These steps must be planned quickly and assigned to the corresponding competent organisations and roles, both on the client side and on the service provider side.

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