



Coop Mineraloel AG

The redesign of all SAP authorizations with a security guarantee, including the implementation of the Xiting Central Workflows and SAP Single Sign-On

With the software solution Xiting Authorizations Management Suite (XAMS), the leading Swiss company in the mineral oil, petrol station and convenience sector, Coop Mineraloel AG, was able to redesign and drastically reduce the roles of its central ERP system in just five months without affecting the ongoing

operations. Despite a tight project schedule, we succeeded in achieving a verifiable ROI within the project duration and in meeting the requirements in terms of security, traceability and user-friendliness through the implementation of Xiting Central Workflows (XCW) and SAP Single Sign-On (SSO).



"With the help of the Xiting team and their product XAMS, we were able to adjust and permanently secure all IKS and GITC relevant authorization management topics for SAP within a very short time. We are very thankful for that!"

Hasan Akzorba
Head of IT Services,
Coop Mineraloel AG



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AT A GLANCE

The company

- Name: Coop Mineraloel AG (founded in 1972)
- Location: Allschwil in Switzerland
- Industry: Mineral oil trade, retail trade
- Revenue: 2.5 billion CHF (2019)
- Employees: 120 (2019)
- Internet address: www.coop-mineraloel.ch
- SAP system: SAP ERP

Highlights

- Sustainable implementation of the new authorization concept using workflow-based tools
- Minimal project-related impact on daily operation within the specialist departments during the entire project duration; above all by the use of the productive test simulation (PTS) and the protected go-live
- Compliance with the revision requirements (SoD, adjustment of critical authorizations)
- Reduction of required support time through newly designed, workplace-specific roles
- Simple and secure authentication for many applications and scenarios through SAP SSO

Objectives

The objective of the project, which started in 2019, was to redesign the roles of a central ERP system and to simplify the administration of the future authorization system. With the help of the functionalities of XAMS in conjunction with the professional implementation performed by the project partner Xiting, the goal was to implement the new authorization concept in a sustainable manner.

In order to achieve the desired outcomes in terms of security, traceability and user-friendliness, Xiting Central Workflows (XCW) and SAP Single Sign-On (SSO) were used as additional solutions for sustainable user and role management as well as for secure authentication in many applications and scenarios.

Challenges

In view of the high security risks and the violation of the four-eyes principle (Segregation of Duties, SoD) caused by far-reaching authorizations, Coop Mineraloel AG aimed to tackle these by redesigning its role concept. According to an internal analysis of the role concept conducted by Coop Mineraloel AG in mid-2019, around 100 users were given too far-reaching authorizations. As part of a tight project schedule of five months, the number of these had to be drastically reduced without affecting ongoing operations during the implementation of the new authorization concept.

The in-house developments in the SAP system, which should also be included in the review of the proposed roles, were particularly challenging. Using the automated XAMS tools, the Role Builder and Xiting Times, inconsistencies in the new authorization design could be identified and rectified immediately.

Successes

The redesign of the SAP authorizations with XAMS and the workflow-based authorization assignment made it possible to reduce the number of existing roles from around 130 roles to 50. The Swiss company Coop Mineraloel AG can now reliably manage its own authorizations with the help of XAMS. By using the productive test simulation (PTS) developed by Xiting, the project-related impact on the daily operation has been minimal and the stress on the specialist departments has been significantly reduced.

The new Xiting Central Workflows (XCW) solution was implemented within just two days. For all issues encountered, Xiting was always able to provide a solution on the same day. In addition, the implementation of SAP SSO 3.0 made incorrectly entered passwords, user lockouts and the associated help desk calls a thing of the past. One-time authentication and user-friendly access to SAP applications ensure that there is no need for password management in the various SAP systems for all SAP users.



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