



BIOSYNTH

Success

STORY

«We're finally working efficiently without
having to fill out complex templates.»

Company at a Glance

Headquarters	CH-9422 Staad
Industry	Chemicals
Products & Services	Manufactures and trades in chemicals/biochemicals
Employees	70+
Website	www.biosynth.com

Implementation, Facts & Figures

Project ramp-up: 2 days

Project duration: 3 months

Go Live: 21 November 2016

Project days: 20 days

Objectives

- Implement a mobile solution
- Implement a basic configuration for using the mobile solution
- Optimise the company's internal reference process for the mobile app
- Reduce operational effort

- Reduce sources of error
- Reduce time required to bring new/temporary employees on board

Initial situation

- Biosynth AG, a company headquartered in Staad (SG), Switzerland, was using the standard software SAP ERP ECC 6 EHP 7 to manage its business processes and provide administrative support. It was not yet utilising SAP NetWeaver Gateway or Web Dispatcher.
- Biosynth was, however, already using the SAP module for warehouse management (WM) to oversee its storing positions. It employed batches to manage all of its inventory, and all of the inventory in WM was mapped by means of handling units. This enabled the company to map its warehouse processes in a very precise and detailed manner. Tracking was possible at both the batch and individual handling unit level.
- The processes at hand needed to be posted directly within Biosynth's SAP system (through SAPGUI), which required a great deal of operational effort. The frequency of error and resulting support requirements were also considerable due to the highly complex processes and many steps involved in using handling units.

«Just a glance tells me what I've ordered, and it's easy to delete or modify orders as well!»

Mobile solution

Based on this initial situation, Innflow recommended implementing a modern mobile solution with the functions Biosynth needs. This solution would ensure much greater simplicity and efficiency in using the company's system for the processes described. The functions in question were to be defined and technically implemented in a manner that would facilitate implementation of the mobile solution and its processes in other locations. It would also be possible to devise further functions and integrate them into the solution.

The mobile solution would be created in the form of a web application that would be accessible through a specific URL. While support for offline functionality was available in terms of the software design and devices at hand, no such functions were included in this project.

In Biosynth's SAP system, the following functions were available to configure the mobile solution's characteristics:

- Dynamic menu management
- Administration of temporary users
- User definition and verification based on warehouse numbers and storage types
- Various tables for customizing and master data
- Implementation of all organisational aspects by means of configuration tables

The mobile solution needed to be implemented at Biosynth's headquarters in Staad for all storage types in its current WM module.

Implementation

Preparation

The processes defined for the mobile solution were available in the SAP system, and tests confirmed that they were fully functional.

When the project began, the processes in Biosynth's SAP system were displayed with sample data. This then served as a basis for defining the detailed steps involved for the mobile solution and creating a specification for the postings that were to be made using the solution.

System landscape expansion

- Installation and configuration of SAP NetWeaver Gateway
- Configuration of SAP Web Dispatcher
- Basic installation of the mobile solution in the SAP system

Mobile solution

The first process to be implemented is related to internal references, which Biosynth uses to establish a connection to the appropriate cost centre (including packing by means of HUs) at the warehouse prior to setup. The transfer order generated can then be set up using the worklist function.

In the past, the following process steps were required in the company's SAP system:

- Post goods issue to cost centre
- Create outbound delivery
- Pack delivery with HUs
- Create transfer order for outbound delivery

Summary

- Thanks to its new user-friendly mobile solution, Biosynth can now bring in virtually anyone with no prior SAP knowledge and put them to work on day one
- Allowing users to select only the relevant fields required for internal orders has reduced the errors that occur in its SAP system
- Costs have fallen in support and maintenance.
- Biosynth's supplier requirements have been met to its complete satisfaction
- An expansion of the solution's mobile functions is already being planned

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