

CASE STUDY

The context

Selective Data Transition **SAP MDG** project

Our customer is a multinational **consumer goods corporation** operating in several segments, including beauty, grooming, health care, fabric & home care, as well as baby, feminine, & family care.

THE CHALLENGE

Problems to solve

- 1** A vastly complex landscape with over 50 productive SAP installations running a multiyear complex **SAP S/4HANA** transformation needs to work with new systems at the same time.
- 2** **SAP MDG** operates in a very complex and hard-to-maintain landscape connected with multiple SAP and non-SAP data receiving systems.
- 3** Lack of test automation is causing delays with master data synchronization.
- 4** Project support in each source system has its own pace, sprints, and priorities – not necessarily the same as the **SAP MDG** project.

THE SOLUTION

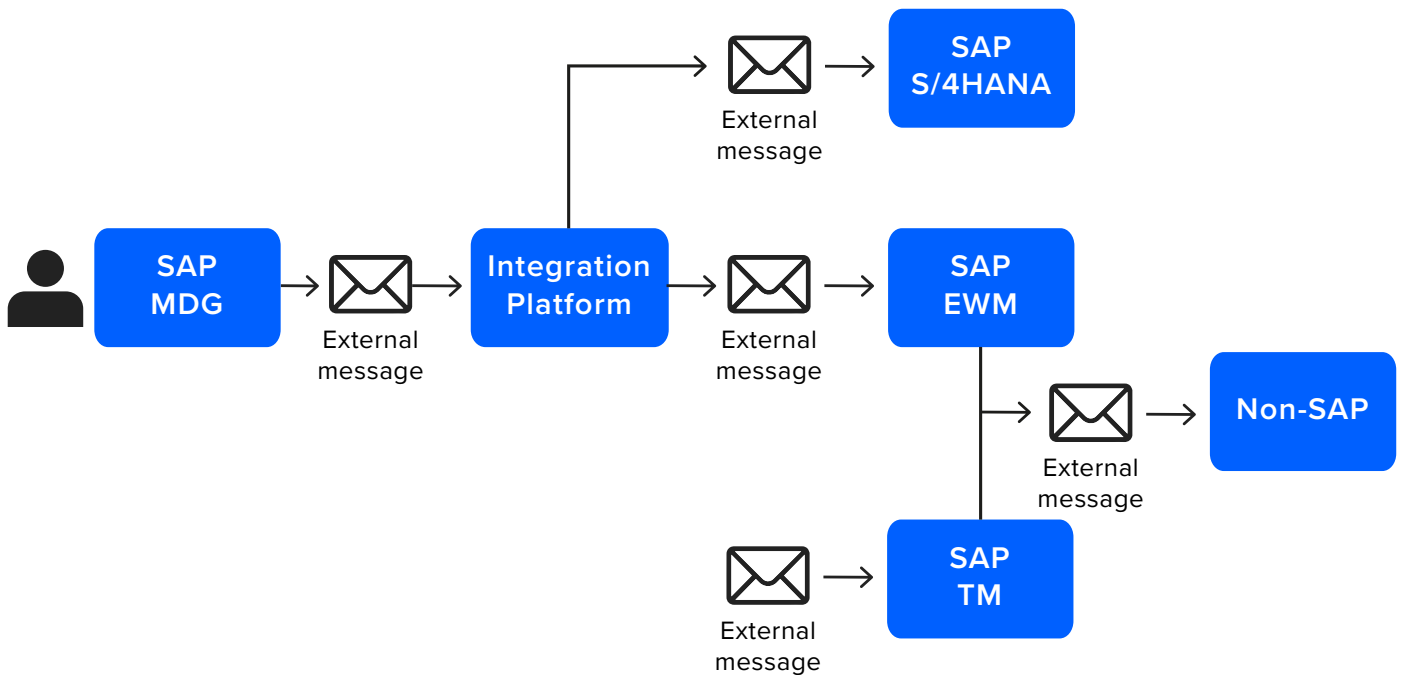
After the market valuation, the Automated SAP interface testing strategy was introduced.

The customer selected the **Int4 APITester** (part of Int4 Suite) solution to support automated application interface validation for SAP MDG implementation. This choice made solving the problems mentioned earlier possible.

“ The **ability** to completely automate testing of **SAP MDG** interfaces without being dependent on 3rd party non-SAP systems secured the testing phases and **increased** the level of master data objects developed and configured in **SAP MDG**. ”

SAP MDG Solution Architect

AUTOMATE TESTING OF MASTER DATA DISTRIBUTION INTERFACES AND DELIVER SAP MDG PROJECTS ON TIME AND WITHIN BUDGET



Validate Integration

Validate SAP system

Validate Receiver

Earlier defects detection

To detect defects, development and functional teams need to be able to test their solutions as much as possible. If any of them communicates with 3rd-party, non-SAP systems, they might have to run tests either by mocking up the non-existing systems manually or relying on external teams.

With the **Int4 APITester** solution, SAP developers and **SAP MDG** Functional consultants can run a much larger number of tests. This directly leads to early defect detection and large annual savings thanks to fewer issues in production.

Test simulation to remove delays

For **SAP MDG** implementations, 3rd-party non-SAP test systems can be hardly available as the support teams for each source system may have their own pace, own sprints, and own priorities. The **Int4 APITester** solution eradicates those dependencies as all 3rd-party non-SAP systems can be easily simulated and are not required for the main part of the **SAP MDG** project testing phases.

Cost reduction

Since most of the test landscapes for 3rd party/non-SAP systems can be simulated, **SAP MDG** projects can reduce the overall project costs and make them more sustainable compared to the traditional approach. So instead of having all test source systems installed and then supported by additional resources, use automated master data distribution testing to cut costs.

“
*Decrease of testing SAP business process from 29 hours to just 4 minutes is an **580x** increase in testing speed!*
”

Enterprise Architect



For more information,
contact Int4 at sales@int4.com
or visit www.int4.com/int4-apitester