

S/4HANA UPGRADE PROJECT

In the last quarter of 2022, for one of our customers from the commodity business area, we supported a project which aimed to **upgrade** from **version S/4 HANA 1809** to **S/4 HANA 2021**.



Michał Lubczyński
Int4 Premium Solution Architect

“With around 4,000 test cases executed and almost 180 business scenarios validated in just several weeks, Int4 Suite's automation proved its worth in this critical S/4HANA upgrade.

With a project timeline **from September to November**, the main challenge was the limited time available from the business team to participate in the UAT. In order to minimize the need for their engagement it has been decided to utilize Int4 Suite to conduct mass tests of multiple business scenarios.

We created **4000 test cases** based on the real business FI documents retrieved from production instance. It allowed us to test in mass **180 different business scenarios**

and helped identify the scenarios which were no longer used.

For such a technical upgrade project it is always crucial to ensure that after the upgrade every single document is posted in exactly the same way, as it did before. **Automatic comparison of the DB records makes this possible, and time feasible to manage.**

Comparing the tested system's current database entries with those from the reference production environment would have been sufficient for the majority of customers.

However in that particular instance, we had to do better because the tested interface permitted updating the database entries while deleting the old records.

Thankfully, Int4 Suite offers the customizable functionality of enabling the local storage of specific database values from the original reference documents at the time of test case creation.

Thus, further modifications to the original records would not impact the outcomes of test cases that are executed later.

The ability to compare databases has shown to be crucial to the success of the entire upgrade process.

During testing, **Int4 Suite helped in locating discrepancies** in the values of several of the uploaded documents, which resulted in the discovery of flaws in the FI customization.

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