

AUTOMATIC SERIAL NUMBER REQUEST

REDUCE MANUAL EFFORT AND RISKS



USE CASES

Sufficient serial numbers must be available in the Arvato CSDB in order to produce the items which need to be serialized. Currently, a CSDB user/operator must manually check the respective serial number pools before the start of the production. If necessary, the CSDB user must manually send a serial number request. These manual procedures are time-consuming and prone to errors. Insufficiently filled serial number pools introduce the risk that production orders cannot be started at the packaging line, or can only be started with a delay.

SOLUTION

Provision of a serial number request tool that automatically monitors the serial number pools of the articles, and also automatically generates serial number requests so that sufficient serial numbers are available at all times.

ADVANTAGES

- Elimination of the time-consuming manual inspection before the start of production to know whether the respective serial number pool is sufficiently filled.
- Minimize the risk of delays and errors caused by “forgotten” serial number requests.
- Significant reduction of time and personnel costs. Resource savings scale with the number of serial number requests or production orders to be created.
- Optional notification of successful or failed requests to the CSDB gateway.

Arvato CSDB Use Case

- VS-009 (create serial number request)

Prerequisites

- Read access to the CSDB core's SQL database
- Access to the CSDB Gateway Account
- Optional: Access to the outgoing e-mail server (SMTP)

DOCUMENTS AND TEMPLATES

Traxeed delivers the following documents with the Serial Number Request Tool:

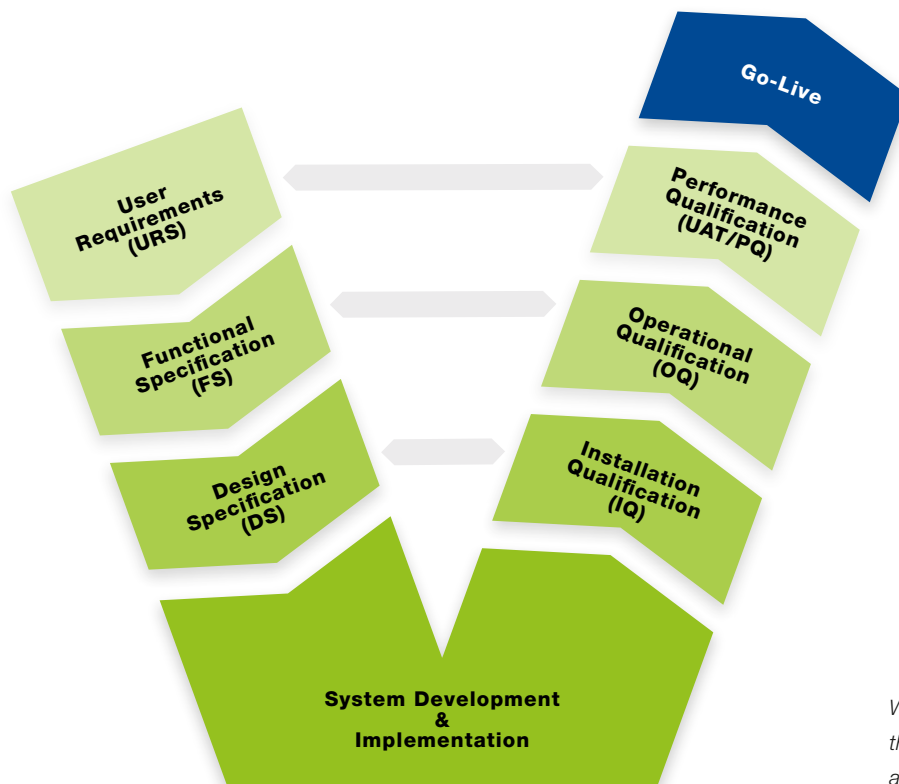
- User Requirement Specification (URS)
- Functional Specification (FS)
- Risk Analysis (RA)
- Test Cases (TC) for Function (OQ) and Acceptance Tests (PQ)
- Tracability Matrix (TM)
- Administration Manual (AM)

With the supplied documentation, an efficient validation of the tool can be carried out. The validation documents are adapted to the specific CSDB core and CSDB gateway parameters.

FURTHER DOCUMENTATION AND SERVICES

The following advanced services are optionally offered for a complete documentation of the implementation:

- Creation of the Design Specification (DS)
- Realization of a configuration test (IQ)
- Execution of a function test (OQ)
- Hyper care



With the V-model approach, the highest quality standards are maintained