

Implementing the System Integration – a Service from the Gesellschaft für Logistische Systeme LS GmbH –

The realisation of the technical concept is largely a question of customising the OSIS (Open System Integration Server) Software to carry out the transmission and conversion of messages. In most cases the following project steps are carried out:

- Choosing and sequencing the OSIS modules and components for the transmission and conversion of messages per job and workflow,
- Configuration of the OSIS modules for the processing of messages (set up the mapping between various applications by, for example, converting the format structure, translating strings, translating the content byte-wise, logical checks, sorting, branching/duplicating, distributing, combining data etc.),
- Configure the OSIS-EDI-module for the creation and interpretation of standard message forms with the Syntax and Semantics as defined by the standards or agreed individually between partners,
- Set up a test environment and test the technical solution.

The implementation of the running technical solution generally carried out by the customer. The steps are as follows:

- the installation of the software on a Windows or UNIX Platform,
- the configuration of the OSIS communication modules for the technical networking with internal IT applications and for the communication with external partner via EDI. For each individual case a partner is configured in the communication setup, this determines the communication protocol, the method of receiving (passive) or collecting (active) messages and for sending messages, periodically or triggered by an event, the evaluation and routing of status messages (i.e. processing error, communication error, collect-job started, data received, data sent etc.),
- the carrying out of system tests for the communication at the technical level as well as integration tests with regard to the technical content and technology,
- the supervision of the change over to production.

The result of this project phase is the running **system solution**.

