

OSIS: Open System Integration Server – The OSIS Starter Packet –

The OSIS starter packet contains the software for the OSIS client and server system architecture and includes the **OSIS application modules**. Many of the basic functions and all the mapping functions (application orientated processing of the files/messages) are made available with the starter packet. According to the individual requirements, the basic packet can be extended to include the relevant **OSIS-EDI-Modules** for the conversion of Syntax & Semantic (for example from/to EDIFACT, IDOC, XML etc.) and the **OSIS-Communication-Modules** (for example for TCP/IP, OFTP, ALE from SAP/R3, access to SQL-Databases etc.)

Additional to the configuration and administration of OSIS via GUI's, the basis functions are, for example:

- Completely automated data transfer,
- Logging of all the transactions and system processes,
- Configurable status messages,
- Scheduler to automate the triggering of OSIS actions and system processes,
- Communication, taking into account the input sequence
- Periodic (active) and event triggered (passive) communication (receive, collect, send, make available), depending upon the protocol used and the options made available by it,
- Input and output archives that can be activated or deactivated, archiving of data at various stages of the OSIS internal data transmission as required,
- Automated reorganisation of the system data, in particular the archives,
- The possibility to re-activate the transmission process for data in the archives,
- Error logs for the logging of all error situations,
- Configurable generation of status messages as a result of error situations,
- Archiving of data in error situations,
- A choice of automated or manual re-activation of the communication process in an error situation,
- A safe and reliable processing re-start procedure. The re-start procedure can be carried in single OSIS internal data transport steps, and thus data processing steps,
- As extra help tools:
 - Setting of breakpoints in the configuration (Configuration debugging),
 - Manual re-starting of the data transmission in the case of transmission errors, after correcting the configuration error.