XML

Interface description XML
to LOGOSOFT

LOGOSOFT makes your print & apply labelling processes safer and more efficient. Our high-performance middleware provides central control and monitoring of your entire labelling processes.

LOGOSOFT offers you maximum flexibility that starts with the connection to your database system. LOGOSOFT provides interfaces to all common software applications, including XML files.
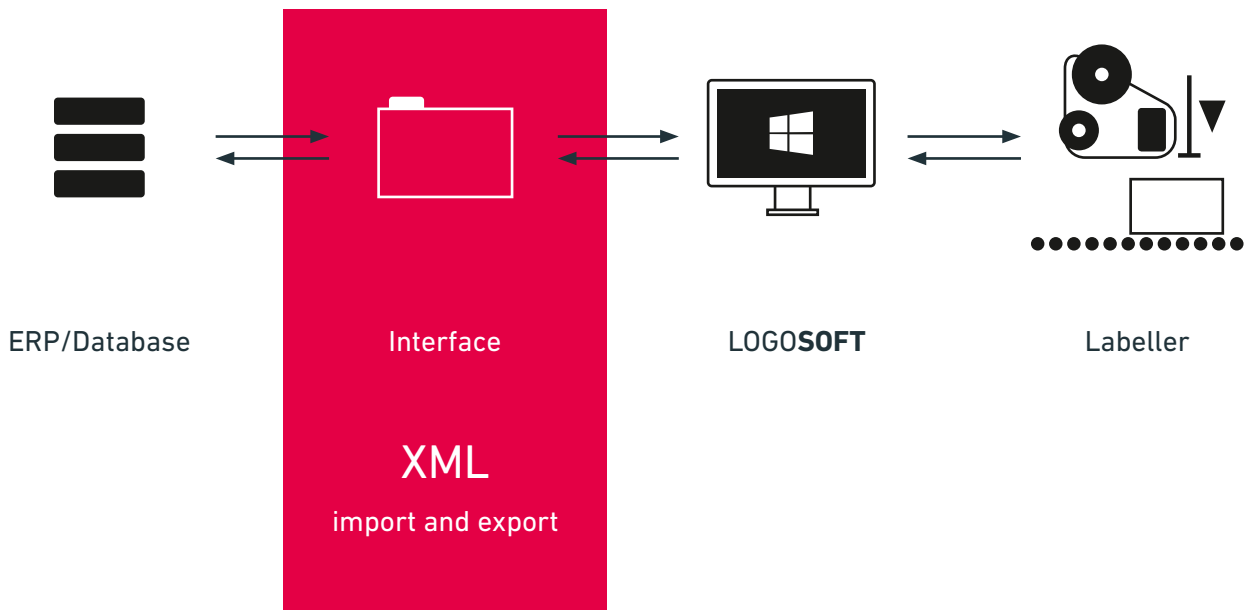
Learn more in this document.

» Smooth data transmission via XML files.

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Data import and export made easy:

Data transfer via XML files.

What is an XML file and how does the data exchange with LOGOSOFT work?

"XML" (Extensible Mark-up Language), which had been developed to categorise data into hierarchies, has meanwhile become a standard interface used to exchange data between different applications, for example between your database and LOGOSOFT. XML interfaces can be programmed quickly and easily and enable the transfer of XML files containing all the information needed to print your labels directly from your database to LOGOSOFT, of course by ensuring maximum data security.

ERP/Database   Interface   LOGOSOFT   Labeller

XML

import and export

The key advantage of XML files is their extendibility, which means that specifications can be adapted with very little effort. High safety levels and uncomplicated recovery of information are further benefits provided by XML files. In addition, XML files are text-based and thus can easily be opened via a text editor.

Example:

An XML file:

```
<?xml version:"l.0" encoding="UTF-8" standalone="yes"?>
<productionorder>
     <title>Apple-Juice</title>
     <ean>0123456</ean>
     <BBD>01.01.2021</BBD>
</productionorder>
<productionorder>
     <title>Orange-Juice/<title>
     <ean>0123458</ean>
     <BBD>05.05.2021</BBD>
</productionorder>
```

All print information contained in the XML file is stored on one level, which means inside an XML tag. All elements contain the print information without unit- or lower-case and upper-case letter conversions. To configure the interface, we need to assign the XML tags to label layout fields. The fields are described in detail in our label layout documentation.

Data import:

» Your system generates the XML file and saves it on a pre-defined network drive.

» LOGO**SOFT** verifies the directory at regular intervals and detects the presence of a new file (the polling interval is configurable).

» LOGO**SOFT** imports the data into its internal database for further processing. The data can subsequently be used for LOGO**SOFT** applications.

» Imported data can be marked, moved or deleted (configurable).

Data export:

The XML interface provides the opportunity to send feedback data (log files) to your IT system upon completion of the labelling process. For this function, LOGO**SOFT** provides an XML file in a pre-defined structure in another network directory, which can be imported by your system.

Scope of standard functions:

» XML files with max. 50 information fields

» One data level (see example above)

» Access via network protocols such as Server Message Block (SMB), File Transfer Protocol (FTP) and Universal Naming Convention (UNC)

Options:

As an option, several XML files and respective information fields for data import and export can be provided / processed.

To be provided by the customer:

» Network directory with access rights

» Allocation of file field information to data fields in the label layout

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