

SOAP

Interface description SOAP 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 SOAP.

SOAP has been used by many businesses as a network protocol for almost 20 years now, and is regarded as an industrial standard application in the WWW, for good reasons: SOAP is intuitive, extremely flexible, platform-independent and scalable.

Learn more in this document.

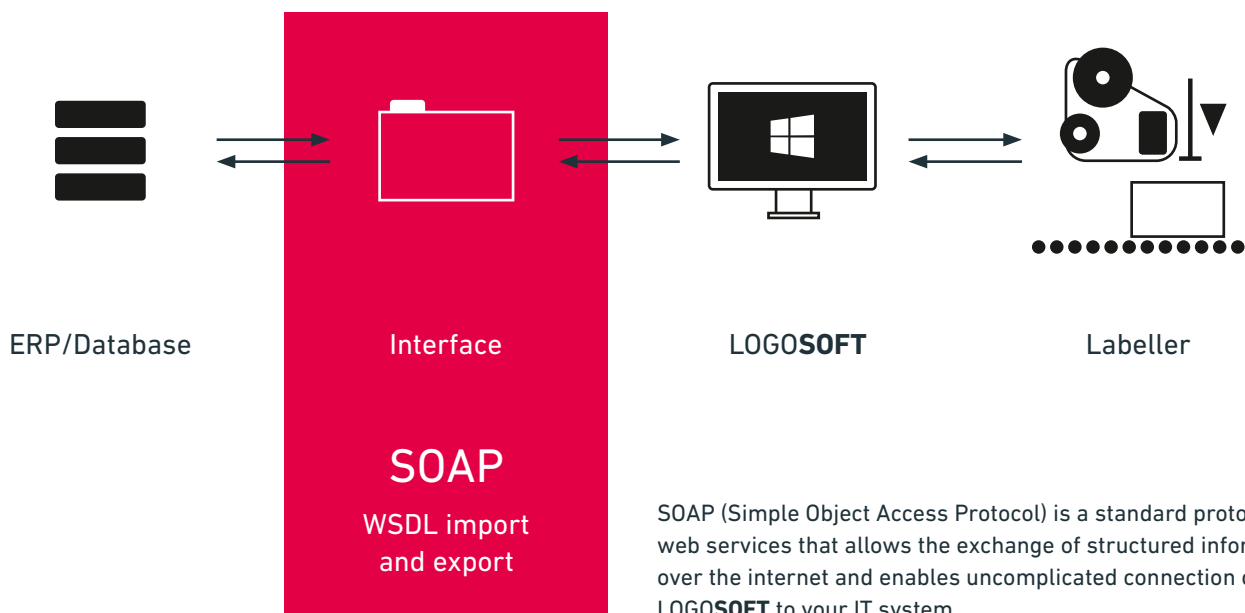
» **Smooth software integration due to SOAP interface.**

Interface connection made easy:

For smooth communication with ERP.

How does the connection via SOAP work?

To ensure that your database (ERP, LCS or similar database protected systems) can communicate with LOGOSOFT, SOAP is interposed as an interface, which enables your database to provide WSDL (Web Service Definition Language) files for the data exchange with LOGOSOFT. These WSDL files contain all data required to print your labels. It's as simple as that.



Example:

The SOAP function call:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns="http://dpd.com/common/service/types/LoginService/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:getAuth>
      <delisId>*userid*</delisId>
      <password>*password*</password>
      <messageLanguage>de_DE</messageLanguage>
    </ns:getAuth>
  </soapenv:Body>
</soapenv:Envelope>
```

The reply:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:getAuthResponse xmlns:ns2="http://dpd.com/common/service/types/LoginService/2.0"
      xmlns:ns3="http://dpd.com/common/service/exceptions">
      <return>
        <delisId>*userid*</delisId>
        <customerUid>*userid*</customerUid>
        <authToken>LTM1NDQyNzk0MDY0OTc50DEONwRRMTMzMzEw0Dc2MTcOMARR</authToken>
        <depot>0163</depot>
      </return>
    </ns2:getAuthResponse>
  </soap:Body>
</soap:Envelope>
```

Data import:

- » LOGOSOFT calls the SOAP function at regular intervals (the polling interval is configurable).
- » LOGOSOFT imports the data from the function call into its internal database for further processing and subsequent use for LOGOSOFT applications.

Data export:

- » LOGOSOFT calls the SOAP function at regular intervals (the polling interval is configurable).
- » LOGOSOFT transmits the data as a function parameter to the SOAP interface.
- » Your system imports the data for further internal processing.

To be provided by the customer:

- » Access rights
- » Provide the WSDL file as a basis for a cost estimate by Logopak