Product EDI Connect
Service Specification

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1 Introduction

This document contains a list of all services, including description, that are included when ordering EDI Connect.

In the corresponding chapters, the prerequisites and obligations for the provision and operation of the individual services are also documented.

EDI Connect is a software solution hosted by nexmart, which supports the customer in the sales and procurement process to receive and process orders digitally and thus reduce manual intervention.

The client benefits from nexmart's extensive network of individually connected trading partners, the use of standard protocols and formats to nexmart and thus the reduction of interfaces to data exchange with nexmart.

2 Scope of Services ("in scope")

EDI Connect comprises the order interface between nexmart and the customer, so that the customer is able to receive orders that trading partners transmit to nexmart. EDI connect supports the following technical standards.

2.1 Transmission paths

EDI Connect supports inbound and outbound standard protocols X.400, OFTP, SMTP, HTTP(S), FTP(S), SFTP and AS2 using the latest security and encryption standards.

2.2 Exchange formats

EDI Connect supports nexmart's standard formats CSV1, CSV2 and nexmart XML and the common standards EDIFACT, X12, openTRANS, SAP IDoc, VDA, both incoming and outgoing, and handles files in XML, CSV, UBL-XML and Fix Record. The format definitions are defined, described and available with examples in the nexmart Message Connection Guideline.

Individual exchange formats must be commissioned in a separate evaluation project using the nexmart Message Guideline for Custom Formats.

2.3 Package EDI Clearing

With the EDI Clearing package, nexmart enables the customer to receive orders that are as valid as possible via correction, validation and enrichment, which can then be digitally processed in their system without further manual intervention. Only the order message type is

supported. EDI clearing can be used for all nexmart products with order processing (EDI Connect, documents to EDI, sales App and extranet channel).

2.3.1   Customer data validation

During the validation of the order, an active customer relationship can be checked. The client only receives orders from trading partners that he has approved for order transmission. This is configurable for the client via an activation.

If no active customer relationship can be found, the order will be stopped and after clarification and activation of the customer relationship will be processed further. For clarification, the manual clearing by the ordering party ("delegation process") described in chapter 2.3.6 is used here.

In addition, the currency in which an order is submitted by the ordering party is checked against the currencies supported by the client. The currencies accepted by the client are configurable.

2.3.2   Customer data clearing

When enriching the order, customer-specific information (customer number, name, addresses) can be added from company data known to nexmart. A prerequisite for this is that the sender can be identified.

2.3.3   Product data validation

When validating the order, it can be checked for order items whether the article numbers are contained in the product data of the ordering party, whether the units of measure of the order items correspond to the units specified in the product data and whether the quantities of the order items correspond to the specifications of the order quantity steps specified in the products.

If an order contains unknown or non-orderable order items, the order will be stopped and, after clarification, processed further. For clarification, the manual clearing by the client ("delegation process") described in chapter 2.3.6 is used.

2.3.4   Product data clearing

Product data clearing can correct, replace or remove order items.

Article numbers

Article numbers, individually managed by the trading partner, are prepared in the processing process for the target format of the customer, so that articles can be found and transferred successfully in the product data of the customer.

This includes the removal, padding, addition and replacement of characters.

Order quantities

The quantities of order items can be increased to minimum order quantities or the next allowed order quantity step or converted to the desired unit of measure. This requires that minimum order quantities, order quantity steps and factors for the conversion of units of measure are included in the product data.

Prices

Upon request the positions within an order can be enriched by the unit prices maintained in the catalog. The line item prices, and the total sum of the order are also calculated. The prerequisite for this is that the client has maintained the prices in the catalog provided to nexmart.

2.3.5 ERP clearing

By ordering a package from the ERP Connect product, orders can be checked before the order is transmitted. This can include changing article numbers, quantities, units of measure, adding price and availability information and removing entire order items.

2.3.6 Manual clearing by the client ("delegation process")

Order documents that nexmart cannot correct will be delegated to the customer for clarification. Subsequent correction or stopping of the order is possible for employees of the client via a web interface accessible via the Internet and provided by nexmart.

This interface is available in German, English, French, Dutch and Spanish.

Orders from individual trading partners can be automatically assigned to specific internal sales staff of the customer.

2.3.7 Manual rebooking

In the event of data loss at the customer or temporary failure of the customer's ERP system, the customer may resubmit orders via a web interface accessible via the Internet and provided by nexmart.

The content of the order will not be changed. If data in the order is responsible for an unsuccessful transmission to the ERP system, a subsequent posting will also fail and the configured asynchronous order transmission will be executed.

A subsequent booking does not trigger a new order confirmation for the trading partner.

2.3.8 Order confirmation for trade partners

In order to inform the trading partner about the changes to his order and the successful transmission, EDI clearing offers the customer the option of sending a legally non-binding order confirmation generated by nexmart to the trading partner.

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2.4 Package EDI Reverse Messages

The EDI Reverse Messages package supports additional message types for exchange between the ordering party and its trading partners on the standards defined in EDI Connect. The message types are invoice, order confirmation, shipping notification, sales data report, forecast delivery schedule and stock report.

2.4.1 Customer relationship

The delivery of messages is checked for an active customer relationship. The recipient also only receives messages for which he has set up an activation in nexmart's systems at the sender's end.

2.4.2 Mandatory field validation

For the message types invoice/credit note, order confirmation and sales data report it is possible to check for the presence of mandatory fields and the content of a field.

The mandatory field validation significantly increases the chances of successful digital processing for the recipient.

The mandatory field validation considers the default definitions in the Message Connection Guideline for the supported message types. Validation takes place in the header level, item level and header or item level. In the respective areas, the presence of a value can be checked for each field. An extended validation is possible via the storage of regular expressions by nexmart.

An unsuccessful mandatory field check triggers error handling in the form of a message stop. The ordering party and the receiving trading partner are informed via an error report by e-mail about which fields could not be validated. A successful transmission must be initiated by the client in his systems.

2.5 Referenced documents

The documents listed below are provided to the client together with the service description.

The latest version of the documents can be accessed online. The access data will be provided separately to the client.

2.5.1 Service Specification basic Setup

This document describes which services are part of setting up an interface to nexmart. It is only possible to use nexmart products once the basic setup has been set up.

2.5.2   Service Specification ERP Connect

This document describes the services that are part of setting up an ERP Connect interface. ERP Connect enables synchronous checking against and booking into the customer's ERP system.

2.5.3   Message Connection Guideline

This collection of documents documents documents the standard formats supported by nexmart, supplemented by example messages.

2.5.4   Message Guideline for Custom Formats

This document is used for joint evaluation for individual format of the client.

3   Exclusions ("Out of Scope")

The EDI Connect software solution does not cover the following services.

- The setup of currently unsupported message types is not part of EDI Reverse Messages and must be evaluated in a project and ordered separately.

- The setup of currently unsupported transmission paths is not part of EDI Connect and must be evaluated in a project and ordered separately.

- The setup of currently unsupported exchange formats is not part of EDI Connect and must be evaluated in a project and ordered separately.

- The EDI Clearing package does not offer individual processing for individual trading partners.

- The verification of an active customer relationship in the EDI Clearing package cannot be used together with the nexmart products documents to EDI, sales App and extranet Channel. With these products, active customer relationships are guaranteed by the correct supply of customer master data.

- For the provision of interfaces in the client's system, the client is responsible for their own interface provision.

- For the EDI Reverse Messages package, there is no web interface available to the client for viewing and editing that is accessible via the Internet.

- An enrichment of return messages within a procurement process with information from the corresponding order by nexmart is not possible.

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- The synchronous transmission path to an ERP system is not part of this solution and must be ordered separately via the ERP Connect product.

- nexmart assumes no responsibility for orders that have been delegated to the client in the course of manual clearing.

4 Assumptions on the provision of services

The assumptions regarding the performance of services described in the following must be ensured on the part of the customer to ensure smooth use of the EDI Connect product.

- The nexmart basic setup for setting up an interface for customer master data has been successfully completed.

- The regular and correct provision of the customer master data by the customer within the framework of the basic setup is guaranteed.

- A connectivity project to connect the customer and its trading partners to nexmart must have been successfully completed.

- The EDI Clearing package requires a successful setup of the nexmart basic setup for an interface for article master data.

- The regular and correct provision of the article master data by the customer within the basic setup is guaranteed.

- Changes to the set up EDI Connect interface or the associated packages will not be carried out by the customer on his own authority, but must be agreed with nexmart and any necessary adjustments must be ordered from nexmart.

- Orders delegated to the client are solved and processed by the client within 5 working days. nexmart reserves the right to stop the processing of orders that are with the client for more than 5 working days.

- The extended mandatory field validation in the package EDI Reverse Messages must be mappable via regular expressions.

5 Client's obligations to cooperate

The duties of cooperation described in the following are to be ensured on the client's side in order to guarantee a smooth use of EDI Connect.

- The appointment of a project manager to actively participate in a furnishing project carried out by nexmart.

- Active participation in planning and implementation of the setup project.

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- The Client is obliged to inform nexmart of all details of the necessary settings, data formats, contents and interfaces. This is done during the setup project via the documentation within a message guideline for the respective message type.

- The customer undertakes to independently name trading partners to be connected and to inform them about the setup via nexmart.

- The customer immediately reports changes to the Message Connection Guideline created in the setup project for a message type, so that a possible adaptation of the interface to nexmart can be ordered by the customer to nexmart in good time.

- Access data handed over in the context of the use of EDI Connect must be protected by the client.

- If an employee leaves the customer's company, the customer is obliged to delete his data from nexmart.

- Orders delegated to the client in the course of manual clearing are the responsibility of the client. The client is obliged to process the assigned orders and to ensure a successful order transmission.

nexmart reserves the right to change the scope of functions described above in future versions, which may include the omission of existing functions.