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ProE-SCM 365
3PL Connector App
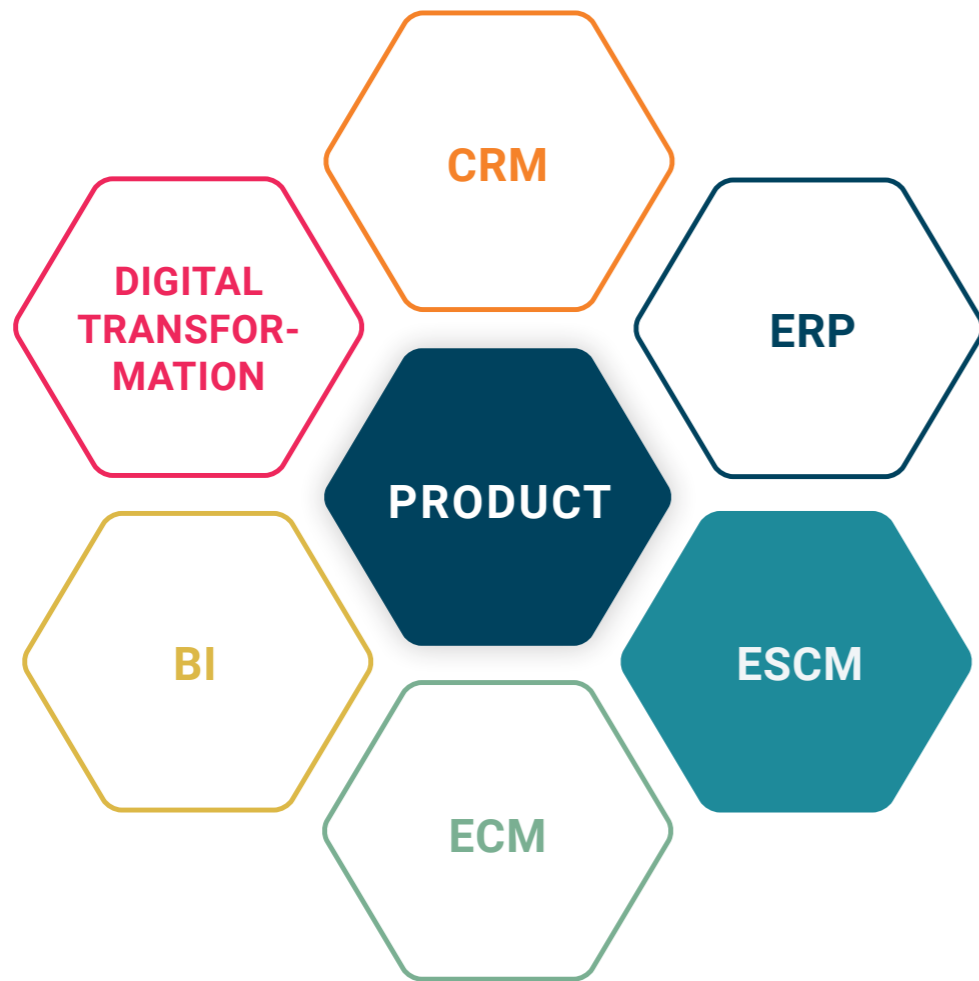
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Microsoft
Partner

Microsoft

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EVERYTHING AT A GLANCE

CRM

DIGITAL TRANSFOR-MATION

ERP

PRODUCT

BI

ESCM

ECM

4

Your **four** most important **advantages** at a glance

BASIS
Microsoft Dynamics 365 Business Central

INTEGRATION MODULE
Available for ProE-SCM, ProBatch

COMPANY SIZE
Small and medium-sized companies

INDUSTRIES
For all industries

COMPLETE PACKAGE

The module contains everything you need for professional warehouse connection, from EDI data processing and conversion to BC extensions (consignment orders, packaging materials, invoice lists, trade associations, GS1 labels).
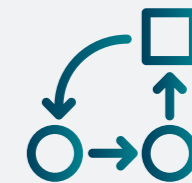
HIGH COST SAVINGS

No additional EDI converter or EDI service provider is required.

FULLY INTEGRATED EDI PROCESSING DIRECTLY IN MICROSOFT DYNAMICS 365 BUSINESS CENTRAL

No further programming is required – the app slots smoothly into your business software and extends it fully with EDI processing capabilities.

HIGH LEVEL OF AUTOMATION

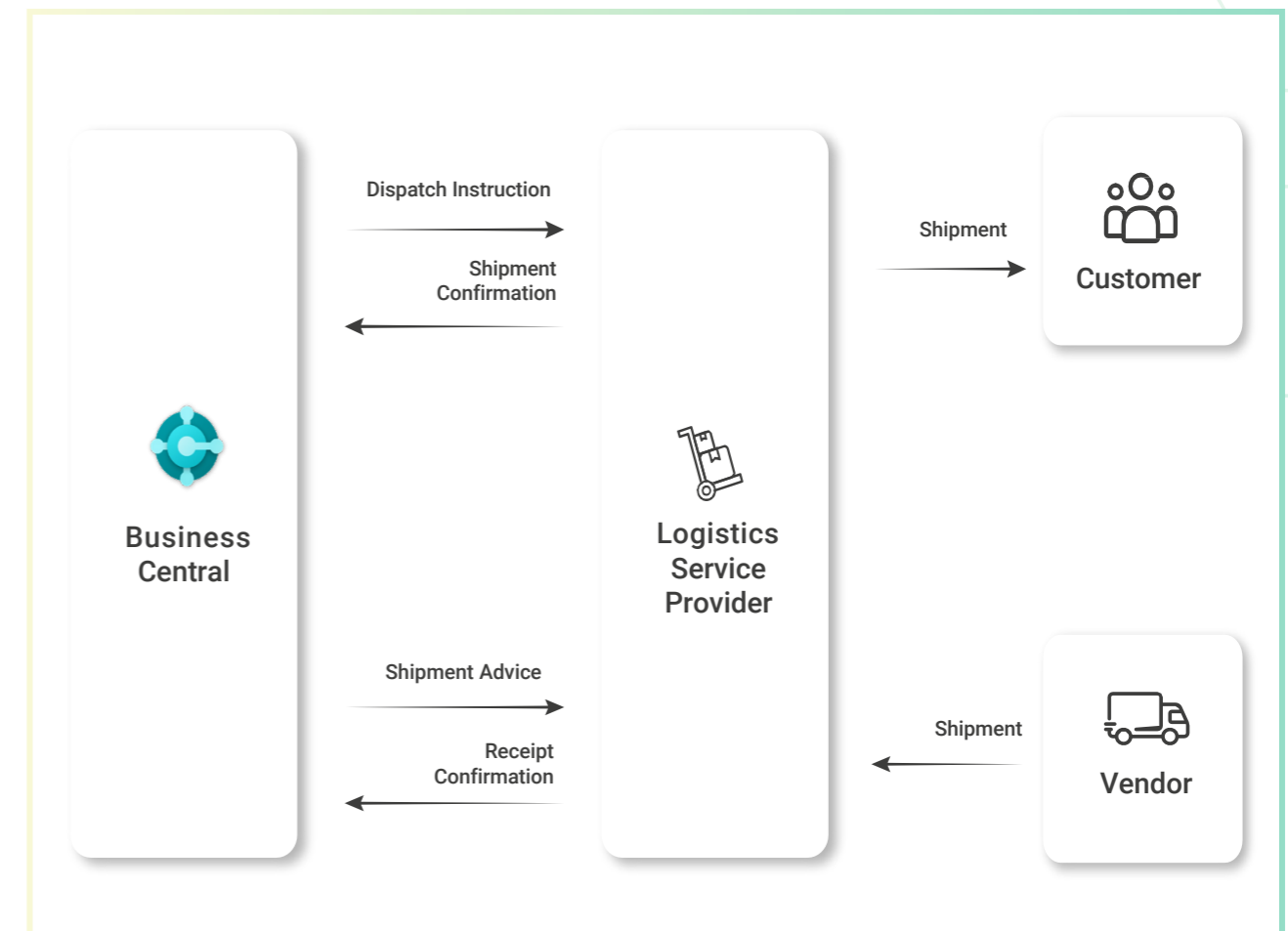Set your system up from partial to fully automated. Manual intervention is required only for problem-solving.

BASIC ELEMENTS OF THE APP

Basic elements of the 3PL Connector App

The ProE-SCM 365 3PL Connector App consists of **four basic elements:**

1. Extensions for BC standard to be able to process all EDI-relevant data.
2. EDI mapping technology (converter substitute)
   Example formats: EDIFACT, AnsiX12, XML, I-Doc, Text
3. Data transfer to the logistics service provider
   Sample protocols: Azure File Share, AS2, Webservice
4. Dispatch orders: Overview of shipments of the logistics service provider,
   including packing structure, SSCCs, packaging types, weights, batches, and much more.

The process at a glance

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FUNCTIONS

BC extensions

To handle typical business transactions via EDI, you need BC standard extensions. These include, for example, packages and packing hierarchies, NVE allocation, and delivery orders. All these are part of the core messages, such as the delivery instruction (INSDES) and dispatch notification (DESADV), but also of the transfer of customer/delivery addresses (PARTIN) and item master data (PRICAT) as well as of the import of inventory report and special movements (INVRPT).

Free connection of other logistics service providers

Connect new logistics service providers quickly and easily – thanks to communication in EDI standards, such as EDIFACT, EANCOM, EDITEC, or I-DOC. The setup can be done in-house, or, if you prefer, we can work with our solution partners, to help you with the setup.
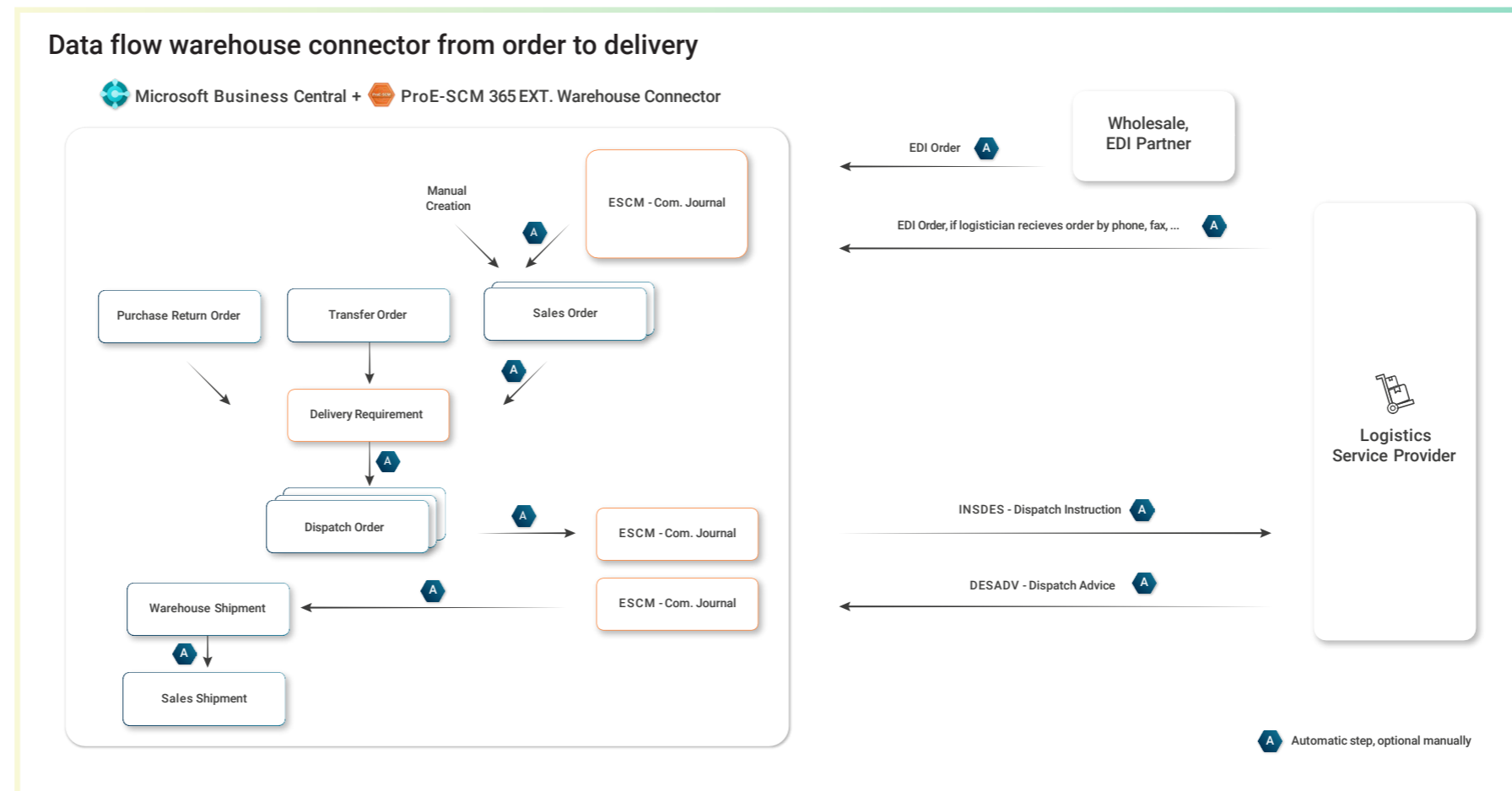
Dispatch management

Although your logistics provider carries out the picking and shipping of the goods, with ProE-SCM 365 Dispatch Orders, you can closely monitor shipped goods and goods received. You can see not only that the logistics service provider has dispatched the goods, but also how the shipment is packed, which SSCCs have been assigned for the load carriers, and much more.
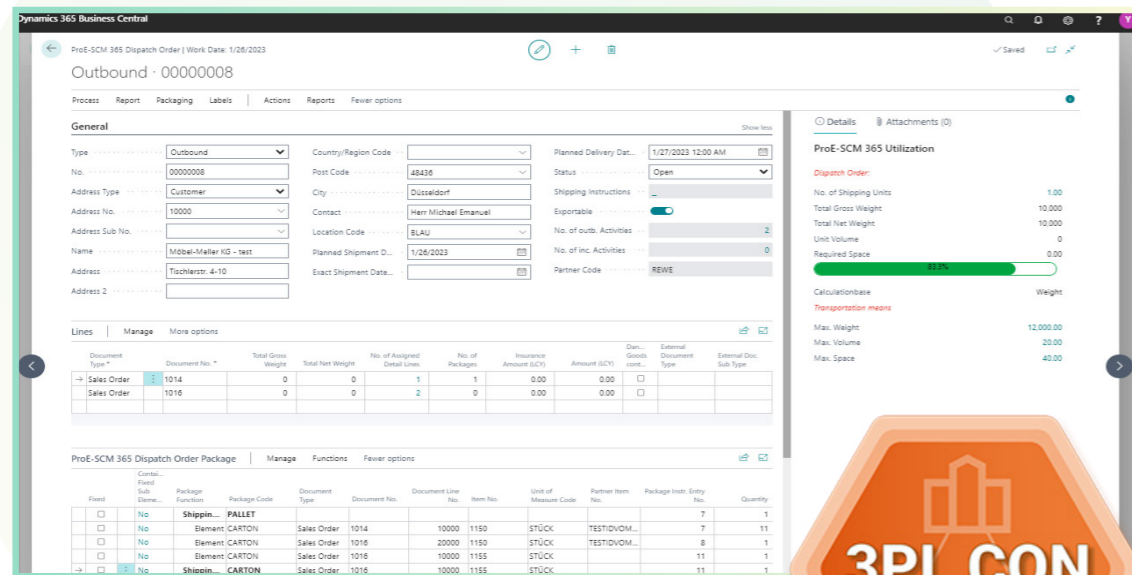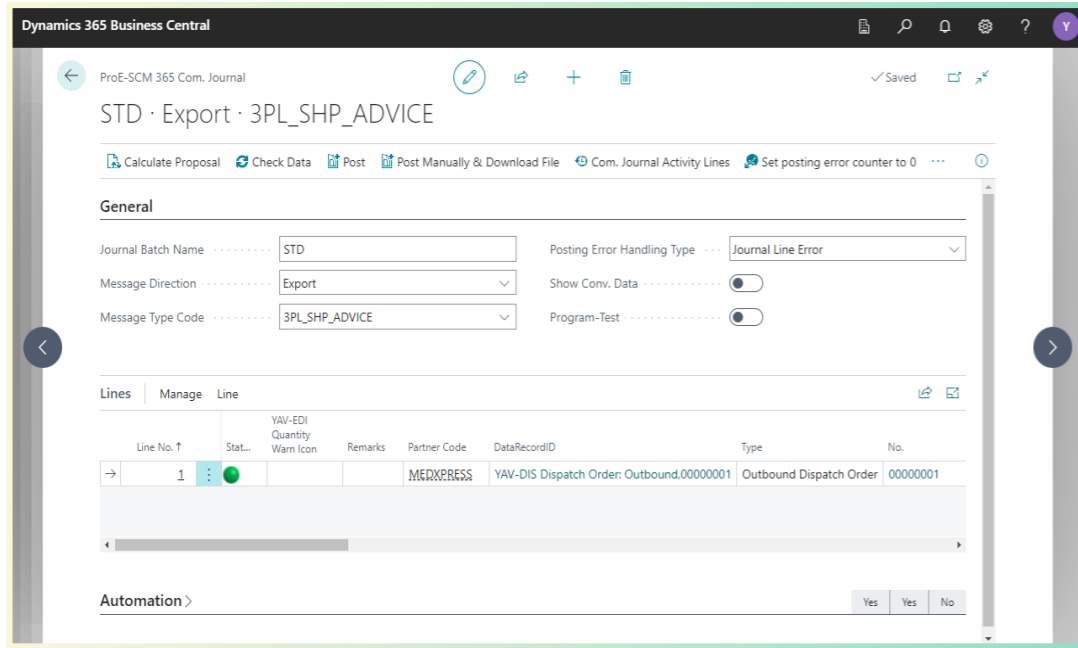
EDI Mapping Technology

Another highlight of the solution is the seamlessly integrated, freely configurable format conversion. And the best part is that you do not need an additional EDI converter or EDI service provider. This saves money and significantly speeds up the time to implement the solution because new partners can be configured directly in the solution in just a few steps.

As our configuration concept is two-tiered, technical formats (EDI mappings) and the business parameters are separate. This means that the configuration is done easily on the business level. No time-consuming creation of EDI mapping logics, formats, and fields is necessary, because these are available out of the box.

Data flow warehouse connector from order to delivery

Microsoft Business Central + ProE-SCM 365 EXT. Warehouse Connector

Manual Creation

ESCM - Com. Journal

Purchase Return Order

Transfer Order

Sales Order

Delivery Requirement

Dispatch Order

ESCM - Com. Journal

Warehouse Shipment

ESCM - Com. Journal

Sales Shipment

Wholesale, EDI Partner

EDI Order

EDI Order, if logistician recieves order by phone, fax, ...

Logistics Service Provider

INSDES - Dispatch Instruction

DESADV - Dispatch Advice

A Automatic step, optional manually

HOW DOES THIS WORK EXACTLY?
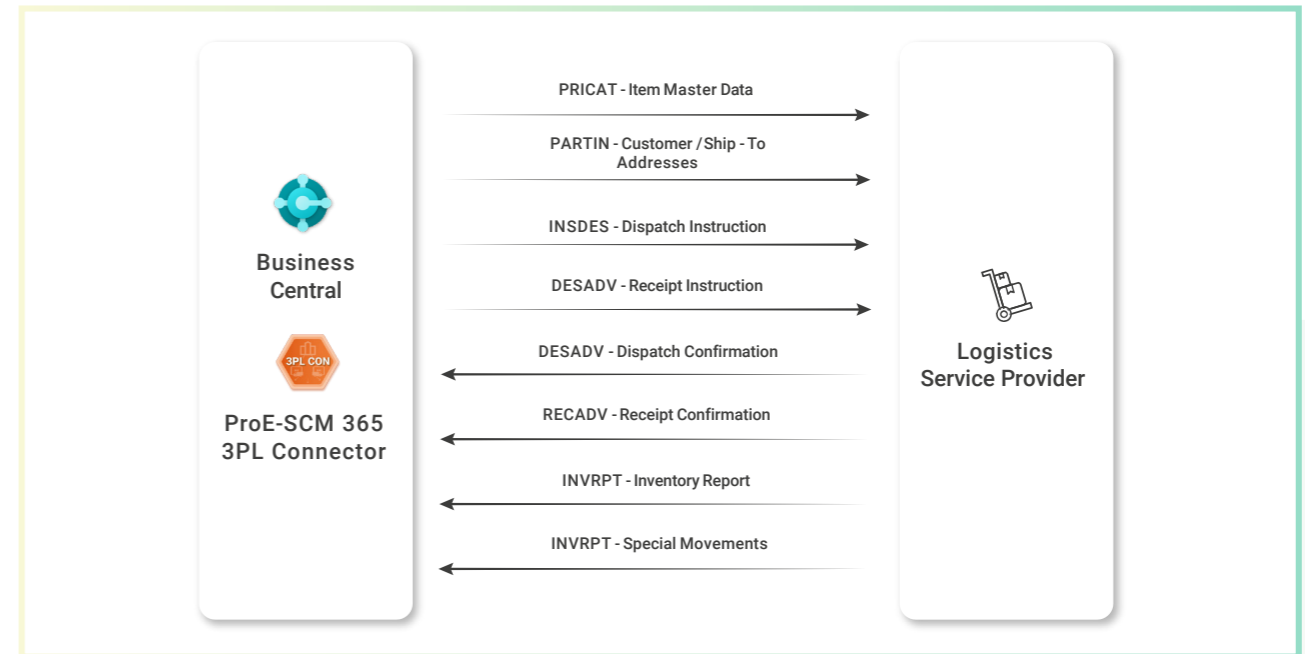## THE FEATURES

Data transmission

Data transfer is usually carried out via special protocols, such as AS2, Azure File Share (web service), or REST web service. Similar to a postal dispatch, you can view continual status updates directly in the system.

Mass data processing

The solution is designed for highly automated and mass processing of data. This speeds up your processes and reduces the workload of
your employees.

Message types at a glance

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Master data for the dispatch of the goods

It's no problem if your logistics service provider maintains the customer/delivery addresses and item master data in their internal system. You don't have to waste time preparing Excel lists or communicating the data by e-mail. With the message types PARTIN and PRICAT, customer/delivery addresses and item master data can be provided fully automatically.

The following messages are available out of the box:

- Customer/delivery addresses **(PARTIN)**

- Item master data **(PRICAT)**

Outsourcing/storage notifications and delivery/goods receipt confirmations

Inform the logistics service provider about upcoming outgoing and incoming shipments and receive delivery/goods receipt confirmations from the logistics service provider.

The following messages are available out of the box:

- Notification of warehouse shipment **(INSDES**

- Notification of warehouse receipt **(DESADV)**

- Processing of warehouse shipment confirmations including packing hierarchy **(DESADV)**

- Processing of warehouse receipt confirmations including packing hierarchy **(DESADV)**

Inventory balancing and special movements

Does your logistics service provider send you special movements such as changes to the lot status and the current inventory at the end of the day?

The following message is available out of the box:

- Inventory reports, special Movements **(INVRPT)**

EDI Integration

Does the recipient of the goods need an electronic shipping notification **(DESADV)**? No problem – with ProE-SCM 365 EDI, you can send a DESADV to the consignee fully automatically from the shipment order, transmitted by the logistics service provider.

Does the logistics service provider also accept orders for you? For this, you can also use the ProE-SCM 365 EDI app to receive orders electronically and fully automatically with the message type **(ORDER).**

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