

Anveo EDI Connect

for Microsoft Dynamics

Features

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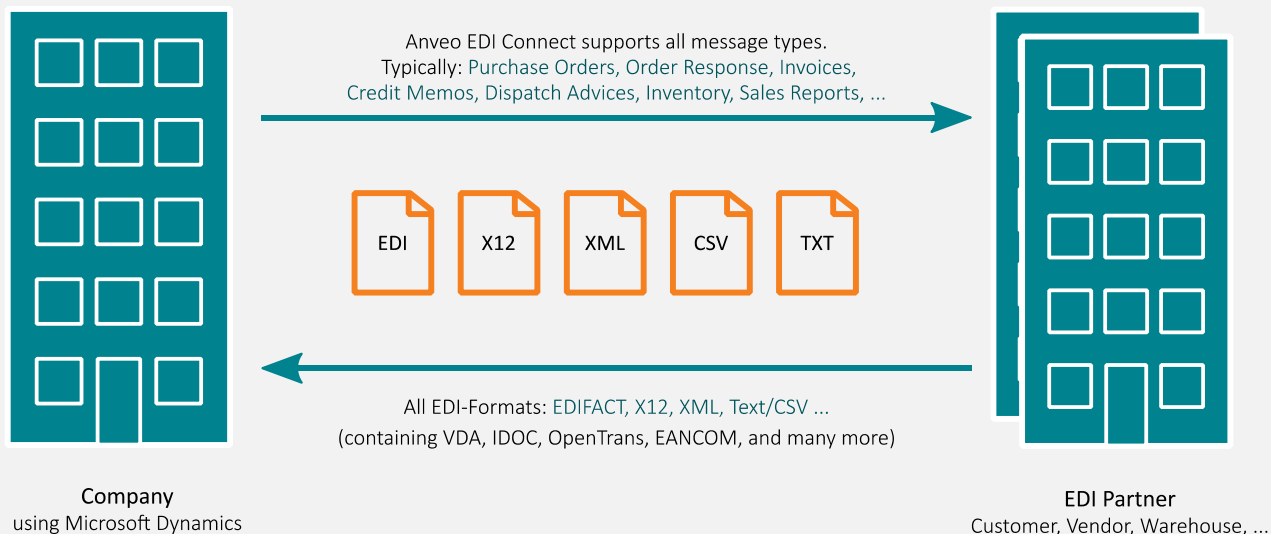
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Anveo EDI Connect

Exchange your business data from Microsoft Dynamics via your preferred interface



Available for Microsoft Dynamics 365 BC (Business Central)
and Microsoft Dynamics NAV 2009 R2 - 2018

The Anveo Role Center

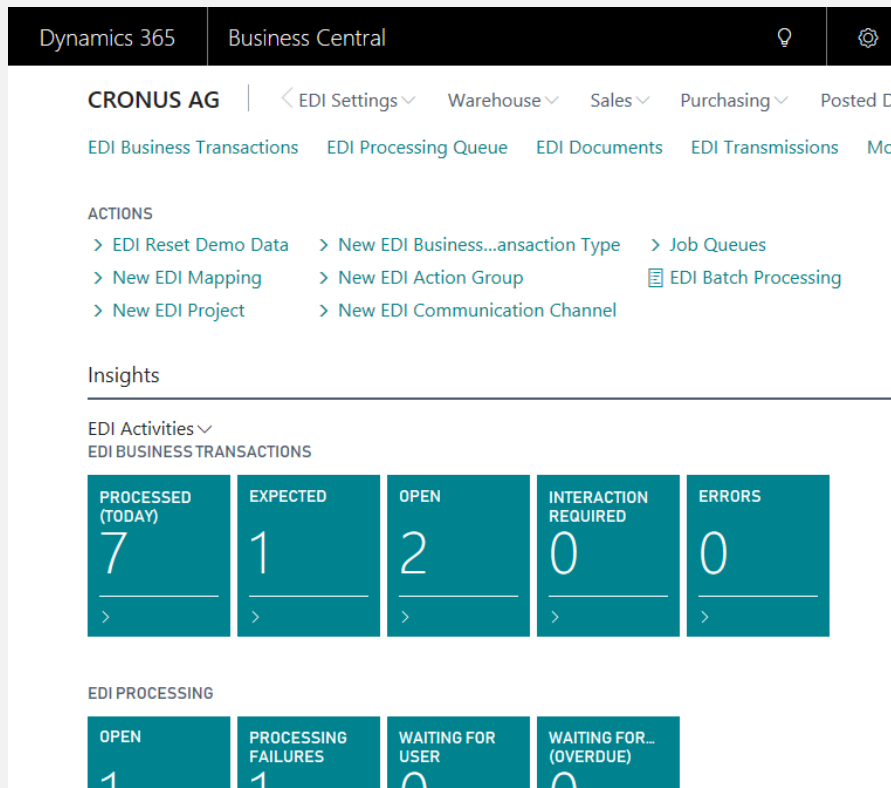
Keep an overview of your exchanged data

All incoming and outgoing transactions are clearly arranged in the Anveo EDI Connect Role Center.

Navigate quickly and easily to the business transactions of interest to you.

In the event of an error, you are informed directly. Move immediately to the corresponding information and get help to find a quick solution.

Of course, you can customize the Role Center to your individual needs.



The Anveo EDI Connect Components

All requirements for an interface platform combined in a single product

The Anveo EDI Connect solution is composed of several components that make it easier for you to connect business partners.

EDI SETUP

Definition of data transformation takes place in Microsoft Dynamics.

ASSISTANT

Automatically detects the message structure of EDIFACT and XML.

CONVERTER

Transform your data directly in Microsoft Dynamics – without the need for external software.

DATA TRANSFER

Transfer your data to EDI partners and keep control with the EDI Role Center.

- ✓ Electronic data interchange between business partners.
- ✓ Send and receive business documents.
- ✓ Keep control over your EDI data in Dynamics.
- ✓ Dynamics converter to process any data formats.
- ✓ Inter-company posting feature for any documents.
- ✓ Configure your own EDI workflow.

Setting Up Data Formats

Quickly and easily define data conversion with Anveo EDI Connect

Anveo EDI Connect is an add-on for MS Dynamics with fully integrated setup and operations. Data conversions are easily configured with just a few clicks.

No external converter or additional service provider is required to transform XML, EDIFACT, or X12.

All data transformations are executed on Microsoft's Dynamics service tier (or the Classic Client).

Available for Microsoft Dynamics 365 BC (Business Central) and Microsoft Dynamics NAV 2009 R2 (technical, executable also with previous database versions) up to version NAV 2018.



"Fortunately, with Anveo we have found a solution that meets all our requirements."

Richard Liinamo, Furniturebox

EDI MAPPING (ANVEO EDI CONNECT)

DEMO · NAV · CREATE_ORDER

Process Versioning Debug Create Show Attached Actions Navigate Less op

General

Project Code DEMO Code CREATE_ORDER

Format Code NAV Code CREATE_ORDER

Lines Manage

MAPPING 1	TYPE	MAPPING 2
EDI Document 1	...	Table EDI Document
Sales Header 1	...	Table Sales Header
"EDI Document 1"."Document Date"	→	"Sales Header 1"."Document Date"
"EDI Document 1"."Sell-to Customer No."	→	"Sales Header 1"."Sell-to Customer No."
"EDI Document 1"."Promised Delivery Date"	→	"Sales Header 1"."Promised Delivery Date"
"EDI Document 1"."Requested Delivery Da...	→	"Sales Header 1"."Requested Delivery Date"
"EDI Document 1"."Ship-to Code"	→	"Sales Header 1"."Ship-to Code"

Quick Edit Properties Manage

NAME VALUE

The Anveo Assistant For Importing EDI Formats

Save your valuable time by importing XML and EDIFACT sample files

Unique to Anveo

The Anveo EDI Connect Setup Assistant analyzes the EDIFACT, X12 and XML data structure of your example files, and creates a basic mapping structure automatically in Microsoft Dynamics.

All EDIFACT formats/standards are supported

The message structure is automatically detected for UN/EDIFACT formats such as D96A. All other formats can be also read by its generic detection.

EDI setup in just a few minutes

The Anveo EDI Connect Assistant significantly reduces your setup time. Define your EDI data structure with just a few clicks.



Reliability For The Future Due To Flexibility

Experience a flexible tool for all EDI requirements

Custom tables and fields

The Anveo EDI Connect setup refers to any fields and tables including flexible data filters from Microsoft Dynamics 365 Business Central and Microsoft Dynamics NAV, without additional development. Included are own buffer tables as visualization (import) and data precalculation (export), unless own structures are to be used.

Mappings for the complete data flow

The Anveo EDI Connect mappings are not only used for the assignment of incoming and outgoing data, they also offer data checks, multi-level workflow processes or follow-up actions such as posting.

Partner Management

In addition to the purely technical aspects, Anveo EDI Connect also clearly organizes information required for administration, such as GLNs, data recipients or contact persons. This avoids customization of the master data tables.

Zero-Coding-Platform

The connection of an EDI partner normally takes place without any development or customization of Microsoft Dynamics table structures. This minimally invasive structure accelerates setup times and facilitates updates.

Communication Channels

EDI files can be exchanged via different communication channels

There are many ways to send and receive EDI messages. Some are directly supported by Anveo EDI Connect. However, some may require a provider or external software to increase the control of data flow.

Anveo EDI Connect supports the following communication directly:

- File based (including UNC network shares)
- POP3 - Post Office Protocol 3
- SMTP - Simple Mail Transfer Protocol
- FTP - File Transfer Protocol
- FTPS - FTP over TLS

Commonly Used Communication Channels

FTP - File Transfer Protocol
FTPS - FTP over TLS
SSH - Secure Shell
SFTP - SSH File Transfer Protocol
SCP - Secure Copy
X.400 - Message Handling System
AS/2 - Applicability Statement 2
AS/3 - Applicability Statement 3
OFTP - Odette File Transfer Protocol
OFTP 2- Odette File Transfer Protocol 2
POP3 - Post Office Protocol 3
SMTP - Simple Mail Transfer Protocol
IMAP - Internet Message Access Protocol

Formats

The various types and formats are very diverse.

There are numerous formats for the exchange of data between business partners. Anveo EDI Connect supports almost all data formats, making Anveo an universal tool for any EDI requirements.

On the following pages, we will present the most common EDI formats.

UN/EDIFACT

United Nations Electronic Data Interchange For Administration, Commerce and Transport

```
UNB+UNOC:3+1234567890123:14+0987654321098:14+120501:1324+1  
,  
UNH+777+ORDERS:D:96A:UN:EAN008'  
BGM+220+ORD111111+9'  
DTM+137:120501:101'
```

Extract of an
EDIFACT example file

Especially in Europe, EDIFACT has gained wide acceptance and is supported by many systems.

The standard is constantly evolving. Each version gets a version number, such as D96A, D01B, D10A.

Anveo EDI Connect offers a very wide-ranging support for EDIFACT and handles all message types and dialects.

Commonly used data formats:

- ✓ Orders (ORDERS)
- ✓ Order Confirmation (ORDRSP)
- ✓ Shipment (DESADV)
- ✓ Invoice (INVOIC)
- ✓ Advice Of Settlement (REMADV)
- ✓ Load Data (IFTMIN)
- ✓ Sales Data (SLSRPT)
- ✓ Inventory (INVRPT)
- ✓ and a lot more ...

XML-Files

Extensible Markup Language

XML example file

```
<?xml>
<Root
xmlns="http://anveogroup.com/2014/examples/communication"
>
<Item No="IX3241">
<Description>
Item description with <b>Formatted</b> Text
</Description>
</Item>
</Root>
```

XML-based file formats

- ✓ IDOC
- ✓ cXML
- ✓ OpenTrans
- ✓ and more ...

XML files are supported by many systems. The format is easily readable by both the computer and, with a little practice, humans. The data is structured in *elements*.

Anveo EDI Connect supports XML files with various features, such as *namespaces*, *prefixes*, and many more.

Plain-Text / CSV

Simple text formats

Quite often, text separated formats are used to organize simple data structures such as item master data. Although its format is quite simple to read and understand, it may be difficult to represent complex data structures.

Anveo EDI Connect supports formats with fixed field lengths, with dynamic and mixed types. It is possible to define optional elements and record-based text formats such as VDA.

CSV example file

```
# Record Type = CUST;Name;No.  
CUST;Smith, John;1000  
# Record Type = ORDER;No.;Item No.;Qty  
ORDER;10023;IX3243;5  
ORDER;10023;IX3241;1  
ORDER;10023;IX3248;2
```

License

1.

The basic license provides all core functions and is required once for each installation.

Add the Enterprise Option on demand.

2.

In addition, each license package contains a different number of mappings. Alternatively, these can be licensed individually.

A mapping is the definition of an EDI message type for one communication partner.

License

The Anveo EDI Connect licensing consists of a basic license plus the required mappings

1. BASE

One **Anveo license** covers one live and one development system.

Setup in
Dynamics Client

Assistant for
data structure

**Role center
and converter**

Debugger

Data transfer
file, email, FTP

2. MAPPINGS

Text/CSV

XML

X12 /
EDIFACT

+ ENTERPRISE OPTION

Benefit from extended range of functions:

- **Versioning** Mappings
- Automatic go-live of mappings on specific dates
- **Unlimited number of Dynamics companies** for live operation and development

The Anveo license is bound to a Microsoft Dynamics license. Without the Enterprise Option, the basic license and mappings are required for each Microsoft Dynamics company. The Dynamics company name for the development system must clearly indicate that it is one.

The Flexible Anveo EDI Connect License

Individually configure your Anveo EDI Connect license



Purchase license plus 18% Anveo service plan per year for the right to update to the latest Anveo version and to extend the Anveo license. Mandatory for the first year. The installation of the update is not included in the service plan. The cancellation period for the Anveo Service Plan is one month before expiration.

Or Use the Anveo EDI Connect License Packages

The right package for every EDI integration as a cost-effective alternative to flexible licensing

BUSINESS	PREMIUM	UNLIMITED
Base license incl. mappings 3 EDIFACT/X12 10 XML 10 Text/CSV	Base license incl. mappings 10 EDIFACT/X12 20 XML 20 Text/CSV	Base license incl. mappings Unlimited EDIFACT/X12 Unlimited XML Unlimited Text/CSV
€ 3.500 or € 155 per month	€ 5.500 or € 240 per month	On demand
Enterprise Option + € 3.500 or + € 155 per month	Enterprise Option + € 5.500 or + € 240 per month	Enterprise Option on demand

Purchase license plus 18% Anveo service plan per year for the right to update to the latest Anveo version and to extend the Anveo license. Mandatory for the first year. The installation of the update is not included in the service plan. The cancellation period for the Anveo Service Plan is one month before expiration. Subscription: Duration is until 30.06. or 31.12. of a year (at least one full month), thereafter every six months. One month corresponds to 30 days for monthly shares. Reduction of the license or termination at the end of the term possible. Invoice and payment on the first day of the respective performance period.

The Flexible Rent Model of Anveo EDI Connect

Do you need the Anveo EDI Connect license as a rental model? Use Anveo Subscription.

€ 65

per month and
per 10 XML mappings
or 10 text/CSV mappings
or 2 EDIFACT/X12 mappings

Low investment

Extend your license at any
time as requirements change

Service Plan for latest
Anveo versions is
already included

Term is semi-annual and automatically extended. First period is pro rata until June 30 or December 31 of a year, at least one full month. Reduction of the license or termination at the end of the term possible. Invoice and payment on the first day of the respective performance period.

The Anveo Service Plan enables you to access the latest features at any time.



The Anveo Service Plan secures your Anveo investment, and you get access to new functions and optimizations.

The Benefits

- Right to receive all Anveo EDI Connect versions during the validity period of the Service Plan. Installation as a service must be performed by the Anveo Partner or ordered separately at a charge
- Anveo license upgrade right
- Automatically renews for one year at a time unless cancelled
- Cancellation period 1 month before expiration
- Mandatory in the first year, optional as of the 2nd year

18% of the license value per year

Proportional when extending a license

The Anveo Service Plan is already included in the monthly subscription fee.

Anveo EDI Connect – Quality Review Plan

Respond to constantly changing markets and companies by optimizing processes and infrastructure

The Anveo **Quality Review** provides regular reviews to identify meaningful changes and necessary maintenance tasks. This ensures that the desired increase in efficiency is sustained.

Take advantage of our experience from **countless projects** and secure **your investment**.

INCLUDED SERVICES

- ✓ **Consistency check** of data processing
- ✓ Validation of existing **processes**
- ✓ Identification of relevant **updates**
- ✓ Checking **maintenance jobs**
- ✓ Optimization of **automations**

YOUR BENEFITS

- ✓ Increase **efficiency** through better data quality and speed
- ✓ The solution is **more stable**, your team is **more satisfied**
- ✓ Secure your **investment**

€ 120
monthly
per Dynamics
company using
Anveo EDI Connect

Available for a minimum of 12 months and will automatically renew if not canceled at least one month prior to expiration. Many services are included in the price of the regular checks, such as reviewing the automations, the usability, and the processing jobs. However, some checks may incur follow-up costs, especially for validation of existing processes, which cannot be included in the price due to their varying scope and are therefore chargeable. A quote will be provided for this prior to any services being provided. The exact scope of services can be found on our docs page.

„After analyzing various software providers, we finally decided on the Anveo EDI Connect solution. It offers a comprehensive, yet relatively simple solution to realize our EDI requirements.“

Kerstin Bories, DRK - Service GmbH



Services

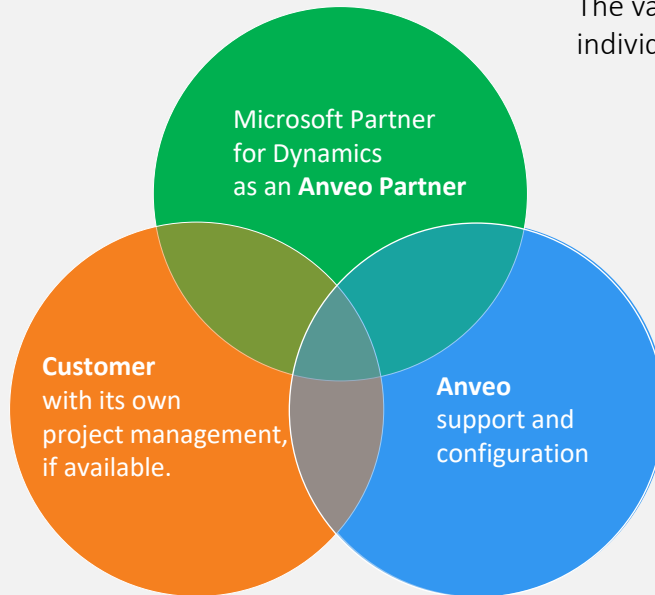
Anveo offers additional services to support the implementation of Anveo EDI Connect. Anveo is optimized for independent development by a Microsoft Partner for Dynamics.

- ✓ Creation of a **requirements analysis**
- ✓ **Installation** of Anveo EDI Connect
- ✓ **Configuration** of mappings in Dynamics
- ✓ **Developer's** manual with examples

Anveo Projects

Individual, practical training for your project managers and developers

The various tasks can be allocated individually for each Anveo project.



On request, we can take over parts of the implementation or the entire solution development in the case of limited resources.

Typical Tasks

Requirements Analysis

Installation

Configuration Of Mappings

Communication With
All Project Partners

Test Phase / Go Live

Integration

User Training / Documentation

Anveo Training

Individual, hands-on training for your project managers and developers

Your benefit: You can independently implement Anveo projects.

Typical content

Overview about the product

Configuration of XML mappings

Configuration of X12 mappings

Configuration of CSV mappings

Configuration of EDIFACT mappings

Customizations

Setup of communication

Individual trainings

You set the focus and decide on the content.

Practice oriented

Take the first project steps in a training course: Instead of theoretical considerations, your concrete customer requirements are already implemented.

Multiple, short online sessions

allow you to apply what you have learned between the trainings and secure your investment in the long term.

TRAINING

Practical training of your team to develop your own solutions.

3 x 2 hours online or
1 day in Hamburg at Anveo
plus 2 hours support
for further questions

Successful Implementation of EDI Projects with Anveo

In our many years of experience with EDI projects, we have identified three typical types of cooperation with Anveo. Depending on the scenario, we recommend the following services:

Own Implementation Of Your EDI Projects

Your company already has extensive EDI knowledge and all you need is an introduction to the Anveo EDI Connect solution. If you have any questions, please do not hesitate to contact us.

Recommended first step

Support on an hourly basis or
one day support package

Implementation By Your Dynamics Partner

Your Microsoft Dynamics partner implements your EDI project. We help with the first setup in the form of a training. Of course we are available for questions at any time.

Recommended first step

Anveo Training or
Three days support package

Complete Realization By Anveo

Anveo is responsible for the complete implementation, from requirements analysis to project management, including communication with all parties involved in the project, all the way to installation.

Recommended first step

Anveo Training or
Three days support package

We would like to point out that due to the individuality of EDI projects, with our recommended services no complete project implementation can take place. They represent a recommended, first step in the EDI project. Further efforts are necessary.

Anveo Managed File Transfer (MFT)

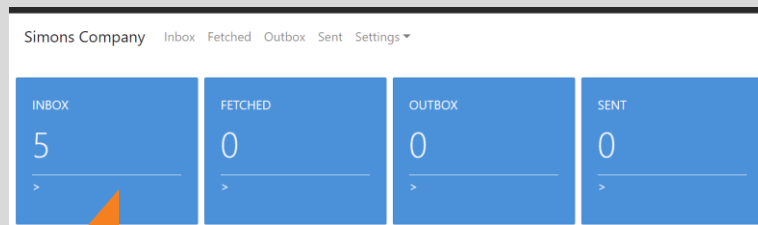
With Managed File Transfer, Anveo offers its own solution for automatic data exchange when using BC Online.

With the web-based Anveo Managed File Transfer portal, you get a simple and fast overview of all exchanged data. New data connections can be created and managed quickly and easily by you here. It also provides an overview of the live and test clients to be managed.

The MFT service supports the following protocols:

- FTP/FTPS (client side)
- SFTP (client side)
- AS/2 (server and client)
- X400 (via external service partners)

Other protocols can be requested.



The MFT Dashboard provides an overview of your data transfers.

The MFT Inbox gives detailed information about incoming and outgoing messages.

Simons Company Inbox Fetched Outbox Sent Settings ▼

INBOX Refresh Download

Subject	Partner ⓘ	Sent At ⓘ	Received At ⓘ	Status ▼
BIGFILE-2.txt ⓘ	MY-TEST	26.05.2020, 15:18:13 MESZ	26.05.2020, 15:18:13 MESZ	Ready
test.dat ⓘ	Simons Company	19.05.2020, 13:32:16 MESZ	19.05.2020, 13:32:16 MESZ	Ready
test.dat ⓘ	Simons Company	19.05.2020, 12:50:06 MESZ	19.05.2020, 12:50:06 MESZ	Ready

Technical structure of the Anveo Managed File Transfer



With the Anveo MFT service you get the possibility to easily exchange data within a Microsoft Dynamics 365 Business Central Online environment.

The service is only available for Anveo EDI Connect solutions for Business Central (Public Cloud / SaaS) and On Premises installations from version 14 (extensions only). For more information, please visit our website at <https://anvgrp.co/docsmft>.

Act

First Steps with Anveo EDI Connect

We will be glad to assist you in evaluating Anveo EDI Connect. We offer the following options:

- ✓ Demonstration and training videos on our website
- ✓ Personal online presentation
- ✓ Individual consulting - we are happy to answer your questions

Get An Overview

DEMO AND TRAINING VIDEOS

We provide free demo and training videos on our website.

See our demo videos on how to use Anveo EDI Connect to import EDIFACT or export XML files directly into Microsoft Dynamics.

Training videos are available on our website for the following scenarios:

- ✓ Import of EDIFACT Orders
- ✓ Export of EDIFACT Invoices
- ✓ XML import and export of orders and order responses



Experience Anveo Live

Features

Data Formats

License

Services

Act

Attend a Webinar - Register Now

We will introduce you to our Anveo EDI Connect solution in a personal online presentation.

We will be happy to answer your questions and assist you during the concept phase.

Register now at www.AnveoGroup.com.

Anveo EDI Connect Starter Package

The first steps made easy

The Starter Package is designed to accompany the first steps towards getting to know the solution. A complete project implementation is not covered.

30 Days Trial License

+

4 Days Of Flexible Support For Your EDI Project



With the Anveo EDI Connect **Starter Package**, you can start your EDI project flexibly, tailored to your requirements. Depending on the project phase and previous knowledge, the tasks for the Anveo team can vary and might include:

- ✓ Requirements analysis
- ✓ Implementation of mappings
- ✓ Training
- ✓ Communication with project participants
- ✓ Project management
- ✓ Test phase / Go-Live
- ✓ Integration

Benefit from our many years of experience in connecting numerous EDI communication partners.

Features

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Anveo EDI Connect – Setup at a Fixed Price

Project implementation with maximum planning security

Benefit from our experience in **hundreds of successful projects** and book your Anveo EDI Connect setup at a **fixed price**.

SERVICES

- ✓ Feasibility test incl. **project plan**
- ✓ **Mapping creation** (such as EDIFACT, XML, Text/CSV)
- ✓ Installation
- ✓ Key user & admin **training**
- ✓ Guided **Go-Live**

The package can only be booked after a feasibility check has been carried out and positively confirmed by Anveo. The offer will be based on a detailed project plan. Further information and the conditions for implementation can be found [here](#). A valid Anveo EDI Connect production license is required for implementation at the start of the project - this is not part of the fixed-price project. *If you start the project within 4 weeks after receiving our quote, you will receive the first year of Anveo Quality Review free of charge. For more information on the Anveo Quality Review Plan, [click here](#).

Invoice

Such as INVOIC

€ 4.900

Order

Such as Orders

€ 3.800

Shipping notification

Such as DESADV

€ 3.800

Order confirmation

Such as ORDRSP

€ 3.800

YOUR BENEFITS

- ✓ Benefit from our **experience**
- ✓ **Clearly defined scope** of services
- ✓ **project security** means **investment security**
- ✓ Highest **user acceptance** thanks to Best practices
- ✓ Also included: Anveo **Quality Review** Plan*

Features

Data Formats

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The Right Anveo Package For Every Situation

Anveo offers you support services for every milestone of your project.

STARTER PACKAGE



- ✓ 30 Days Trial License
- ✓ 4 days flexibly usable support

€ 3.960

TRAINING



- ✓ 1 day (8h) practical training of your team for your own solution configuration

€ 1.360

QUALITY REVIEW



- ✓ Regular system reviews
- ✓ Data consistency checks
- ✓ Checking and applying relevant Updates

€ 120 monthly

FIXED PRICE SETUP



- ✓ Planning security
- ✓ Installation
- ✓ Key-User & Admin-Training

starting at € 3.800

Please do not hesitate to contact us for individual packages.

Features

Data Formats

License

Services

Act

The Anveo Product Family



Features

Data Formats

License

Services

Act

The Anveo product family provides powerful extensions for **Microsoft Dynamics**.

The Anveo products are sold by more than 450 Microsoft Partners worldwide.

MOBILE APPS

Create your individual, fully offline-capable app directly in Microsoft Dynamics.

WEB APPS

Web-based solutions for Microsoft Dynamics 365 Business Central.

EDI

Electronic Data Interchange 100% powered by Dynamics. Experience EDIFACT without any external converter.

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