

About Advanced-Forms®

Advanced-Forms® is a state-of-the-art, user-friendly and flexible output management solution for companies of all sizes.

With Advanced-Forms® you can automate all aspects of output management. From electronic invoicing to digital layout and distribution of your business documents. From automated printing of barcode labels on label printers to digital archiving of your outgoing and formatted documents.

You no longer have to invest in expensive development time for the layout and processing of your business documents. With Advanced-Forms®, you can arrange the layout, distribution and archiving of your documents yourself and exactly according to your own organization and that of your suppliers and customers.

Due to the generic working method, it does not matter what kind of (ERP) application is the basis for the input files that are offered to Advanced-Forms®. Advanced-Forms® supports the most common formats such as XML, PDF, ASCII spool files, text files, etc. In addition, there are connectors with the most common ERP applications, including Oracle JD Edwards, SAP, Microsoft Dynamics and Infor (Baan, BPCS, Mapics , etc).

As an example, JD Edwards generates specific TaggedPDF files as input that our connector automatically converts into a structured XML. Quadira itself developed the connectors with ERP applications, including the JD Edwards connector.

Advanced-Forms® can also read from and write data to a database. In addition, all known databases are supported in basic form, including DB2 / 400, Oracle, SQLServer, etc. For JD Edwards we have adapted this module so that you can read data directly from the JD Edwards database, such as:

- Reading email addresses on the basis of, for example, a customer number, so that you do not have to make any adjustments to the existing output.
- Reading, for example, extra data for customs and other applications.



Thé document output specialist

We believe in software that is easy and flexible to use. In today's world of standardization, it is becoming increasingly difficult to remain flexible and maintain a corporate identity for your outgoing documents within your standard ERP. At Quadira, we are committed to increasing the flexibility within your organization.

Our success comes from a full commitment to excellent customer service, our investment in the right staff, and in the development and enhancements to our Advanced-Forms® solution. Quadira started in 1999 as a supplier of a document output management solution. The shortcomings in the document output management solution led to the idea of developing a solution called "Advanced-Forms®". With the knowledge gained about the market in combination with the shortcomings, the most comprehensive and successful document output management solution has been created.

Quadira has been the specialist in document output management for more than 20 years. With more than 1,000 implementations, 40 trained and certified professionals and passion for the market, we are ready for any document output management challenge.

www.quadirainternational.com

JDE Connector

The JD Edwards connector has been developed because the existing output options within JD Edwards Enterprise One are not sufficient to format that data unambiguously and easily. Within JD Edwards there are 3 types of data sources, namely PDF, XML and TaggedPDF.

PDF is the oldest form. PDF is a format that you have to convert to text to be able to edit it. PDF is a graphic format which means that the texts, lines, etc. are positioned on coordinates and a test file works on a line and column basis. As a result, the conversion from PDF to Text can lead to surprises, so that data is placed in different positions than expected, for example.

XML is a structured format, which lends itself perfectly to use as input for an Output Management solution. However, JD Edwards does not always supply a well-structured XML file, which means that it must be converted using custom programming.

TaggedPDF is a PDF containing, in addition to the field content, also the field names from JD Edwards. The JDE Connector converts the TaggedPDF files from JD Edwards to an XML format. The JDE Connector consists of four important parts:

- 1. The JDE Connector Configurator:** With this you can:
 - determine which elements from the PDF are needed for your final document layout
 - automatically cut a batch of documents per document
 - add extra information from one or more databases, so that you can use the standard documents as a starting point without customization in JDE
- 2. The JDE Connector engine:**
 - This converts the TaggedPDF to XML, according to the rules established by the JDE Configurator.
- 3. Database connector within the JDE Connector engine:**
 - Because the engine can also access databases, you are able to also read data that is missing from the supplied TaggedPDF or to make customization within JDE superfluous.

- Languages of documents are also provided with this. In a database of your choice, the translations are stored in the languages of your choice, which is then automatically retrieved by the engine.

4. Writing back the formatted document from Advanced-Forms® in JD Edwards, the so-called attachment: Advanced-Forms® creates a PDF file of the formatted data, which is placed on a fileserver after which a link is made within JDE between JDE and the created PDF. This makes it possible for users to view the formatted PDF within JDE via the “paperclip” attachment functionality of JDE.

Advantages of Advanced-Forms® with JDE Connector

Document layout without toolset customization and deployment problems in JD Edwards

- Advanced-Forms® develops the documents from the supplied electronic source of JD Edwards. This data is stored in a database and the translations are linked to it. Adding a new translation is therefore easy to realize.
- Data elements that are not available as standard on the supplied JD Edwards documents are easily read by our connector.
- Advanced-Forms® conversion is triggered from JD Edwards as if a printer were being controlled. All existing logic such as status updates, hold codes, locks of records, etc. from the JD Edwards documents remains intact.

Distribution of documents

- When, for example, a JD Edwards invoice run is started, various things must be started from one batch. All orders with a status of 580 are picked up and all invoices are processed. This job does not start MS-Word x times, but Advanced-Forms® creates the correct files from this batch, which will automatically be used in the correct language. This can include setting up in a customer portal, emailing a PDF file or printing the document.

Depending on the content, the file is given a correct name and is archived in the correct directory structure.

- We mail documents in PDF and / or XML format. The PDF file and / or the email message will also be digitally marked so that the source is always verifiable. The latter is a very specific property of the Advanced-Forms® software.

- The mail body of the email message can be sent personalized using the Advanced-Forms® software and accompanied with a mobile HTML layout, which is often not possible with other products. Depending on the country, these texts will be formatted in the correct language and the sender (company / department) may also result in different text / format / reply addresses.

- Advanced-Forms® has the option of receiving a read or delivery confirmation of every document sent.

- Each document can be provided with one or more attachments such as terms of delivery, advertising, but also, as is often used in construction, a so-called "counter slip" which the contractor must sign. Naturally, these attachments are again sent to the customer, in the correct language.

- E-Invoicing is fully supported. With Advanced-Forms XML files can be delivered to the customer. We use the XML UBL 2.0 format as standard, which is currently used as a standard in a national and European context. We see that more and more customers are adopting this standard and actually using it in their business. These standards are not yet supported by JD Edwards.

Printers

- In addition to the fact that Advanced-Forms® is printer-independent, i.e. supports all printers, we can use all the properties of the printers if there is a Windows driver available. Think of controlling separate bins, double-sided, color, black-and-white, automatic stapling, etc. These properties can be set depending on the document / customer / language.

- Advanced-Forms® supports all fonts (including barcode 2D and 3D like QR-codes).

- Advanced-Forms® offers a region dependent number format, which in other countries differs greatly from the U.S. or NL notation.

JD Edwards feedback / drafted document

- After sending the document, Advanced-Forms® can place the relevant document as a JD Edwards attachment in the ERP package, so that it is very easy for the user to request the original sent document.

- Advanced-Forms® has the option to view / review a generated batch document for approval before it is processed. This can also be set depending on the document / customer / language.

- With Advanced-Forms® we have the option to print images, for example articles, on the documents. These images are either extracted from JD Edwards or from a separate database or fileserver.