

**Construction
Imaging®**

MANAGE | AUTOMATE | INTEGRATE

JD Edwards Integration

Providing content management technologies to fully manage, automate, and integrate construction business processes with construction business applications, document archiving, and information availability. Automated workflows, integrated applications, and structured information management provide our clients with the necessary tools and professional resources to implement and maintain a successful Enterprise Content Management strategy.

Construction Imaging fully integrates with the JD Edwards ERP software line providing a “best in class” pairing between ECM and ERP. Construction Imaging technologies augment the business process, providing electronic workflows to streamline the data collection into the JD Edwards|World|E1 ERP system. Additionally, the ECM integration provides a central storage and management solution for all electronic documentation.

Centralized storage provides a principal administration portal for security, access, archiving, backup, and retention. Construction Imaging solutions equip JD Edwards|World|E1 users and administrators with an array of tools to develop and maintain a comprehensive Enterprise Content Management strategy.

Data Validation

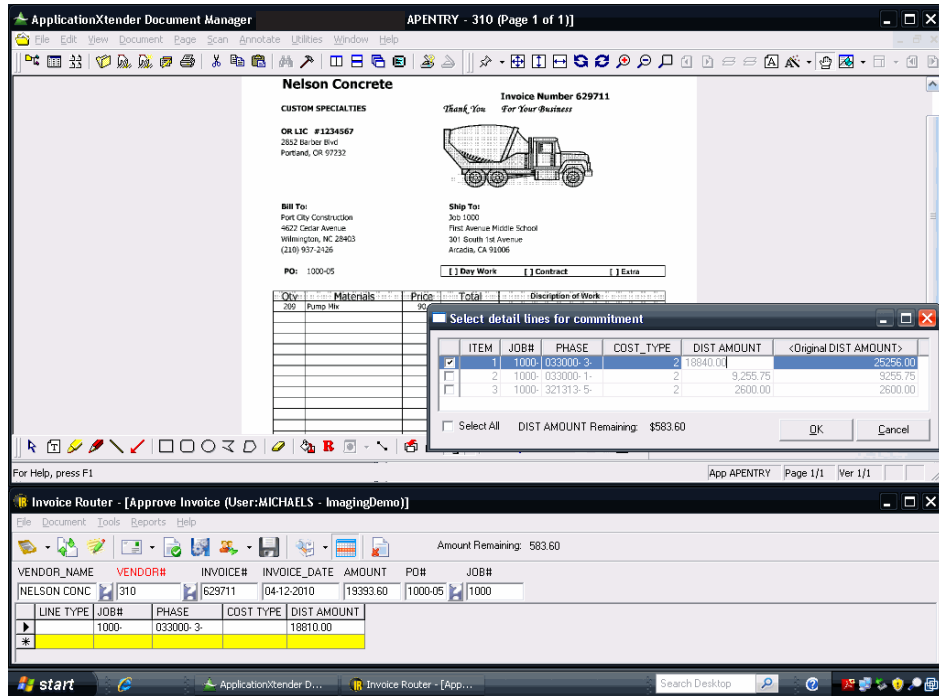
Data validation is a critical component of the JD Edwards|World|E1 integration. Data validation ensures that the document management system is operated on correct, clean and up-to-date JD Edwards|World|E1 ERP data. Often this process is carried out for the purpose of making JD Edwards|World|E1 data available to end-users without giving them access to the JD Edwards|World|E1 ERP software. It also ensures data consistency between the two programs and eliminates manual entry. Popular data validation includes Data Lookup and Commitment Pull.

Data Lookup

Lookups, “Lists” in JD Edwards|World|E1, provide an easy way to ensure users input valid information into the appropriate fields. Lookups can be as simple as showing a list of vendors, or as complicated as providing the user with a list of valid cost types for the company, job and phase



that they have entered for a particular invoice detail line. Lookup fields are typically configured to mirror JD Edwards|World|E1, but may be customized to customer requirements if necessary.



Commitment Pull

Invoice Router's standard detail grid provides a great way to code invoices; however, for those invoices that have the coding lines already setup in JD Edwards|World|E1, implementing the Commitment Pull feature is a great advantage. The Commitment Pull provides real-time access to JD Edwards|World|E1' Job Cost data from Invoice Router. Users are presented with a grid showing all lines in JD Edwards|World|E1 for that particular commitment. Users then select lines that apply to that invoice and enter the current amount for the line item being approved.

The Commitment Pull allows users to view the commitment amount remaining in JD Edwards|World|E1 on a purchase order or subcontract prior to routing or approving the invoice in the document management system.

Advanced Validation

JD Edwards|World|E1 clients that have advanced validation needs, a solution feature provided allows for customer-created Stored Procedures to be executed when a user attempts to approve a document. The Stored Procedure will have access to any field value from the document and when completed will return a warning or error message stating the reason the document failed validation. If the information validated successfully, the user sees nothing and the document is approved. Stored procedures can include verifying that the subcontract has been signed, insurance is up to date and a lien release is present.

Data Export

Exporting data from Construction Imaging into JD Edwards|World|E1 can be performed in a variety of methods, depending on the document type and/or the client's internal policies and procedures. Data Exports eliminate duplicate keying, which is a goal of any Enterprise Content Management implementation.

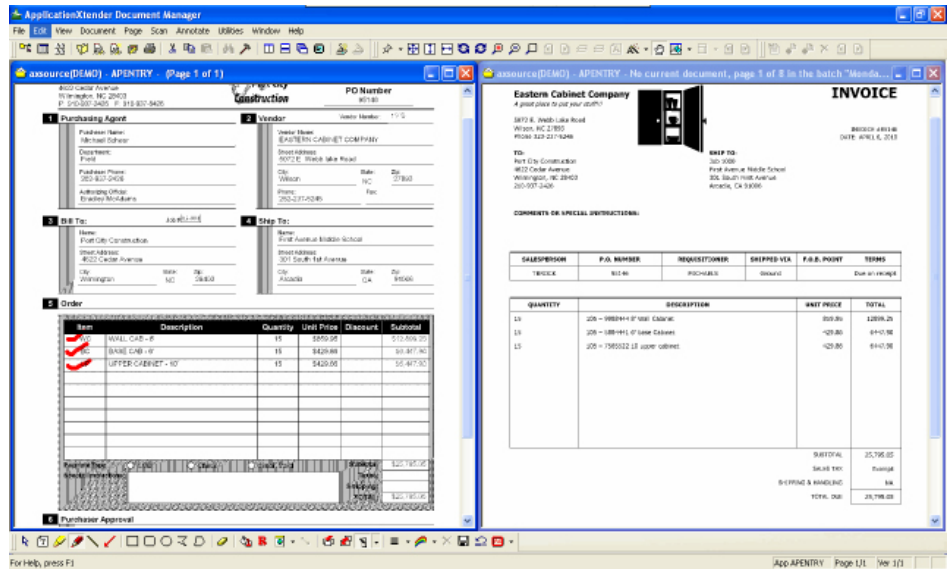
Type Once Export

Type Once Technology allows data from Invoice Router to be pushed directly into the Enter Invoices screen in JD Edwards|World|E1. Users don't need to learn any new processes; the Type Once Export enters the

data exactly as if a user had typed in the invoice manually, but much faster. Validation is performed interactively by JD Edwards|World|E1 as it always has. If an error occurs, the process is paused and the user is prompted to resolve the problem. If the AP user cannot resolve the problem immediately, the export can be canceled and the document routed to the appropriate user for correction.

Batch Export

This method eliminates the need for AP to see every document, while still ensuring that JD Edwards|World|E1 validates every invoice. An Import Template is provided to import batches of invoices directly into the system. Invoices appear as a new batch in JD Edwards|World|E1 and must still be processed by an AP user. To ensure compliance and data integrity, JD Edwards|World|E1 tables are never directly edited or modified.



Construction Imaging's document management system supports 200+ native document views from within the system, providing complete document control without downloading files to the desktop.

Document Linking

Construction Imaging documents are linked to JD Edwards|World|E1 transactions and can be viewed from the inquiry screen within JD Edwards|World|E1. Almost immediately, Construction Imaging will locate each associated record and create a link between the accounting software and the document management system. Since all documents are managed in one repository; routine maintenance is streamlined and central.

Powerful Viewer

Construction Imaging provides a powerful viewer with support for more than 200 document types. Some popular types include: Word, Excel, PDF, CAD, JPEG, TIFF and many more. Users no longer need expensive third party software to simply view a stored document.