



**K-Rise Systems, Inc.**

Enterprise. Easier.

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## EASYProcess

**EASYProcess is an Enterprise Development Platform, seamlessly integrating with JD Edwards, SAP, or any data source. Complete with diverse client environments and full change management control, EASYProcess allows you to build applications, your way.**

### Data Orchestration

- **EASYProcess allows for very complex rules to be applied to data moving through an application.** A developer can adjust date formats, currency formats, and any mathematical calculation. Decisions can be made on that data and alerts or emails sent. Comparisons of all kinds can be made against data from any system within your enterprise.
- **Orchestration of data** in EASYProcess happens within a very user-friendly, graphical interface. Familiar flow chart icons are used to build the data flow with all of the necessary, decision-making branching. The programmer drags and drops these elements onto the page and connects them in the direction required by the logic. Your business rules are fleshed out in a straightforward, easy-to-follow, format.
- The **EASYProcess orchestration** is very flexible, allowing for the inclusion of any business rule at any point in an application. Programmers learning EASYProcess are able to begin building basic orchestration after a day of training and are soon producing complex applications.

### Database Connectivity

- EASYProcess can connect with data sources of all kinds, from older legacy systems that might produce flat files to the more complex data found in your JD Edwards or SAP installation. Using a variety of native drivers such as OLEDB, ODCB, and ODA, **EASYProcess can access all of your data sources.** EASYProcess brings all that data into one place for the developer, allowing portals and applications to be built.
- EASYProcess enforces rules from JD Edwards or SAP on a selected item and **attaches account information on it before submission** to the next approver within the hierarchy.

### Email Connectivity

- EASYProcess can **send email** based on any number of triggers or as a result of activities by users. A customer making a purchase not only can generate a thank you and a receipt but can notify the sales representative of the transaction, including the amounts and even the other items that the customer viewed while browsing. EASYProcess can monitor file statuses and changes in JD Edwards or SAP, sending notifications to customers with those updates. Managers can be notified of employee requests for vacation or approval needs for requisitions.
- EASYProcess can **monitor mailboxes, scan emails**, and then perform the appropriate action. A requisition approval request has the option of containing links that users can click on to generate a response. That response is then communicated to EASYProcess and next actions are

taken. For example, a next action might be performing requisition updates within JD Edwards or SAP (e.g. updating the requisition status of an approved purchased order). Vendors can reply with itemized changes to a purchase order, for example, which then can be updated directly within your ERP system.

- **Emails can contain information from any data source** in your system, attachments of excel spreadsheets or image files, and many types of links. These links could be simple response links which create a properly formatted email that, when sent out, are received by and acted upon by EASYProcess. More complex links can take users directly to a specific location requiring a specific action. For example, a vendor may be required to update quantity information on an invoice. A link will take the vendor directly to the proper place within your portal to make that update. K-Rise Systems' Vendor Self-Service Portal comes fully equipped with appropriate security as well as user "timeouts" which prohibit access for specified periods of time.
- **Emails flowing to and from EASYProcess can be formatted** based on context. Those emails being sent to customers may require certain logos, trademarks, and other company images. EASYProcess has the capability to standardize and customize e-mail format.

### JD Edwards Connectivity

- EASYProcess can be implemented for **all versions of JD Edwards**, from the latest EnterpriseOne and further back to World 7.33. EASYProcess has the ability to call business functions within your system the way they are currently being used. EASYProcess makes use of emulators to perform background functions the same way as your users would. Direct table look-ups for inquiries can also be done by combining results with data from other sources as well.
- EASYProcess uses iSeries/AS400 screen emulators to give you **access to JD Edwards World transactions.** These emulators run as a server and host multiple sessions of iSeries as necessary. EASYProcess allows you to write and read from these iSeries sessions/screens from the process orchestration. This service uses standard iSeries emulator commands to perform transactions in JD Edwards World.

**ORACLE®**



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- EASYProcess **calls BSFNs using XML Interoperability**. To ensure that your business logic is enforced, all transactions use only BSFNs available on your enterprise server.
- EASYProcess can bring any data from JD Edwards or insert/update any data back into it. With EASYProcess it's possible to **connect to both the JD Edwards Data Library and the JD Edwards Control Library**, enabling the availability of UDC Codes.

### SAP Connectivity

- EASYProcess is **certified to integrate with SAP ECC 6.0** and all previous versions, including the R/3 product line. Naturally, this also applies to the individual modules of ECC, such as FICO, SRM, CRM, SCM, PLM, etc.
- EASYProcess integrates with the **SAP Business Object Repository (BOR) API** using the SAP .NET Connector 3.0. EASYProcess can access an SAP business object by calling one of its BAPIs. For example, when EASYProcess wants to get a list of all companies, it would call the "BAPI\_COMPANY\_GETLIST" BAPI of the company business object. EASYProcess can also call non-BAPI function modules. This integration format ensures that all integral logic and data access remains in SAP, leaving your EASYProcess team to work with the high-level business rules.

**SAP® Certified**  
Integration with SAP NetWeaver®

### Web Services

- EASYProcess allows for integration with any available web services. It is capable of working **with payment gateways (e.g. VeriSign, PayPal, and Authorize.NET), calculating taxes in the cloud (e.g. Avalara Tax Services)**, retrieving shipping information from UPS or other postal service companies, and updating SAP or JD Edwards data with information from Salesforce.com. This data can then be intermingled with data from other internal enterprise sources giving your users all the answers they need in one place (and on one line).
- EASYProcess can **securely give access to data** within your systems through web services. Due to the level of flexibility that EASYProcess offers, you may even have web services that combine data from many of your own sources into one inquiry.

### Import/Export Data

- **Excel files** can be read and data can be utilized from this file as the application deems appropriate. EASYProcess has the ability to export data from Excel, enabling quick and easy reporting.
- **Creating PDFs** is another way EASYProcess can fulfill your reporting needs. EASYProcess can also automate your reporting and send out PDFs or spreadsheets to the people that need them.

### iSeries

- **AS/400 RPG/CL/Cobol programs are called** synchronously. Parameters can also be passed and retrieved.
- EASYProcess has the ability to **call AS/400 commands** or submit jobs.
- **Emulator/Terminal Service Interface** calls an interactive AS/400 program and submits transactions which uses existing business logic and avoids the re-write of RPG programs.
- The EASYProcess standard database connectors fully support iSeries DB2/400 I/O. All standard database operations (e.g. read/write/update/delete) are supported. EASYProcess also supports the IBM native .NET driver for faster database access.

### Portal Factory

- Web elements, such as buttons and links, are available to **drag and drop**, along with their associated data. All available data sources are pre-configured for mapping to various elements.
- All of the **web elements** users are familiar with on the Internet are available to the program through a drag and drop interface. Buttons, links, text boxes, and lists can be dragged and dropped into the portal design.
- EASYProcess **builds Web Parts**. Development can be applied into many environments - most importantly SharePoint.
- EASYProcess allows for the addition of filtering and securities within the back-end development of a Web Part, and **one Web Part can be used in many places**. For example, a manager using the same Web Part can view client information while a sales representative can change pricing. This same Web Part can appear in many places as well. Further, this Web Part can be placed on the landing page of one user's SharePoint home page as well as be placed directly into an online store.
- The data within a Web Part can be **filtered** in various ways. EASYProcess stores a range of data for each user which can be used as a filter. Their **authority level enables** certain data within a Web Part active and editable, and a new



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user may only be allowed to inquire on that data. The web part itself and the links leading to it can be hidden from users who do not have proper authority. For example, order entry clerks can only perform order entry tasks, while their manager can access administrative features through links, not visible to that clerk, within the same portal.

- EASYProcess is **capable of matching, exactly, your website's** design, including colors, logos, icons, and any other branding images. Not only can EASYProcess match design, it can also match page navigation. As EASYProcess changes as you change, layout will never be permanent and can be altered to suit your needs. Whether your concerns are B2B or B2C related, EASYProcess can manage both.

### Managing Environments

- **EASYProcess Enterprise Manager (EEM)** is an enterprise-level application that can help **organize and manage your application environments**. EASYProcess can mirror your JD Edwards Environments by matching your infrastructure topology.

### Team Development

- Connections to data sources can be set up to be resident on the PC or directly to the server. The developer can seamlessly **switch between varying development environments**. As updates for EASYProcess occur, these are quickly moved to each programming environment, requiring no actions on the part of the programmer.
- EASYProcess is a **team development platform**, containing best practices in regards to ongoing development. Programmers involved in a project are given access to only *their* part of the project. Web Parts are checked out and made read-only to other staff. After being checked in, Web Parts can be pushed into the next development stage. Managers can see which programmer is working on what portion as well as view overall development progression.

### EASYTracking

- EASYTracking (included with your annual support package) is a module that allows for seamless communication during the **testing stage of development**. Testers simply click within the location under review and submit instructions regarding this location to the programmer. EASYTracking delivers this information to the programmer, places the request in queue, and manages supplemental communication between the tester and programmer as well.
- **Email integration** is another feature of EASYTracking. EASYTracking uses current email addresses to manage all communication between the tester and programmer.

- Emails generated by this portal possess formatted links that return the email to EASYTracking once they are clicked. EASYTracking applies that email response to the proper issue number, eliminating the need to remember each issue and its accompanying number. EASYTracking can be utilized directly from current email accounts or through the portal itself.
- As developers finish various portions of a **project**, they are able to update **progression**, track their amount of working time, and enter in the type of development being completed (e.g. new development, bug fixing, or testing). Managers are able to then view the status of a project and perform reporting tasks for each portion of development as necessary.

### Workflow and BPM

- EASYProcess includes a built-in module to easily create workflows using **Business Process Management (BPM)**. From simple to complex approval hierarchies, users can create their own business processes as needed, utilizing approval hierarchies from human resource systems such as PeopleSoft or Active Directory. These processes fully integrate with SAP, JD Edwards, or other enterprise resources that your company may utilize.
- **Built-in mechanisms** allow for delegation, watcher assignment, and notification emails at various steps within the workflow. Pre-built Web Parts allow for review and approval reporting for those workflow items.
- Examples of **business processes that can be created within the workflow module** of EASYProcess include:
  - Procurement/Requisition Approval Workflows
  - Purchase Order Approval Workflows
  - Add/Edit Address Book/Customer/Vendor Approval Workflows
  - Vendor Invoice Approval Workflow
- EASYProcess uses workflow modules in several of its own **enterprise products**.

*"EASYProcess is a major factor in our most successful year ever at Caltrol."*

**-Steve Murphy**

Director of IT, Caltrol

*"Using EASYProcess saved us several hundred thousand dollars in our first year alone."*

**-Jay Petri**

CIO, Carico International