

ENCANVAS® INFORMATION FLOW DESIGNER™ RAPID CODE-FREE CREATION OF ROBOTIC WORKFLOWS



Use Encanvas Information Flow Designer™ to:

- Mimic humans and perform mundane office admin tasks
- Retain and recycle programming components for data transformation and ETL
- Formalize upload routines
- Move data from one file location to another
- Create notifications and alerts
- Invoke system automated events by a scheduled event or as the result of data arriving into a watch folder
- Transform data as part of an extract and transform routine
- Merge and convert data into different formats
- Concatenate IFD routines to produce more complex information flows
- Create a library of data transforms and data connections
- Support Encanvas deployments by simplifying the acquisition and return path of data

Formalize information flows across the enterprise through system automation

Encanvas Information Flow Designer™ ('IFD') empowers business analysts to rapidly create elegant system-automated events without scripting or coding. An easy to learn and use drag-and-drop user interface highlights available tools to invoke automation routines, transform data and post success or failure notifications.

Optimize core business processes

All businesses have common core processes – such as customer order processing, pick and despatch etc. – whose performance has a direct bottom-line impact on profitability. Often, the way organizations need to operate falls out of sync with the way core business systems have been designed to work. Encanvas Information Flow Designer™ helps to fine-tune business processes by enriching notifications, alerts and information interchange between departmental silos and IT systems.

Recycle programming components

It's not uncommon for IT teams to need to produce specialist programmes to acquire, transform or post data between folders and applications. Often this investment in code is used only once because no means exists to recycle these useful routines and transforms. Encanvas Information Flow Designer™ provides programmers with an elegant environment to build a library of drag-and-drop events and transforms to recycle IT investments.

Simple, yet powerful

Analysts can string together workflow threads created using Encanvas IFD to address complex business process automation challenges.

Applications for Encanvas IFD

Detailed here are examples of how organizations are employing Encanvas Information Flow Designer to streamline their business processes:

Notifications and alerts

When data changes in a data table or new data records are added, Encanvas IFD can send notifications via SMS, email or Squork™ to alert customers, suppliers, supervisors and colleagues. Examples of use might include:

- Improve customer service
- Increase stock turnover
- Alert customers as new stock arrives
- Prevent sales to accounts exceeding credit limit
- Notify executives of underperformance

Simplify data upload and return paths

When creating composite portal and mobile applications (sometimes called 'mashups') it becomes necessary to automate data upload and feed routines. With Encanvas IFD, IT teams can implement new federated portal solutions and create prototypes and simulations without needing to programme or purchase expensive middleware.

Data transforms

With Encanvas IFD, business analysts can normalise, merge, convert and transform data.

Encanvas Information Flow Designer™
is a Microsoft® .NET application

Host platform

Requires Microsoft® Windows XP/Vista operating systems onwards with Microsoft® dotnet framework installed (v1.1 onwards)

Supported formats

Encanvas Information Flow Designer is able to read and transform the following data formats:

- XML (WSDL)
- CSV / .XLS
- ODBC compliant databases, views and tables
- SQL Server OLAP
- Custom connectors

Related products

- Encanvas Secure&Live™
- Encanvas Create Design Studio™

Feature	Benefit
Code-free composition	Create information flows with minimal IT skills
Automation of notifications and alerts	Install elegant email and SMS notifications from virtually any system
Automation of uploads and return paths	Rapidly create extract and feed data flows
Automation of data transform routines	Transform data, install proprietary rules and formulas, pre-process data, merge data sources etc.
Easy deployment	A small desktop application, installed via a fully automated install CD
Recycle programming effort	Create a library of useful components over time using Encanvas IFD's library management features
Concatenating threads	Service complex information flow processes by concatenating IFD threads
An integrated component of Encanvas architecture™	For class-leading user identity management, group creation, website administration, business analytics, data governance/security, data entry and applications customization capabilities.

How it works

Encanvas Information Flow Designer™ presents users with a list of the components they are able to drag-and-drop into a simple 'workflow thread'. Components are held in a library under the following headings:

Trigger components

Use these components to trigger events. Common forms include scheduled (timed) events, data table changes (such as the addition of a new record) and watch folder events.

Source components

A series of components that enable business analysts to acquire data held in different formats including database, XML, CSV, binary code and other data formats.

Transform and validate components

These components are pre-designed building blocks for transforming, merging and converting data structures into 'something else'.

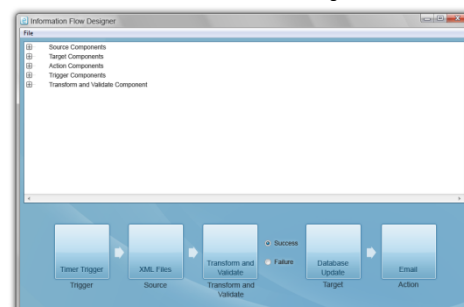
Target components

Target components configure the destination of data (i.e. Defining a destination folder or data table)

Action components

A series of action components are provided to enable business analysts to determine 'what happens' once the information flow has been actioned successfully (e.g. Send an email to the IT administrator confirming the procedure has been performed successfully).

Illustration of Information Flow Designer™



For more information

For further details about Encanvas Information Flow Designer™ and other Encanvas® products, visit www.encanvas.com. Encanvas® is a registered trademark of Encanvas. All other trademarks and trade names are acknowledged as belonging to their respective owners. Encanvas® reserves the right to modify specifications of products without notice.

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