



# Informed Filler® for Java

Create visually appealing Java forms for your Web site that include local intelligence features to improve accuracy and reduce network traffic and server usage. Easily design and maintain your forms with Informed Designer.

Informed Filler® for Java™ brings the benefits of the Informed® family of electronic forms software to the Web platform. With Informed you can design your forms once with Informed Designer® on Windows® (3.1x, 95, NT) or Mac™ OS, then fill them out with Informed Filler on Windows (3.1x, 95, NT), Mac OS or in any Java capable browser. This means you have the flexibility to use Informed anywhere you use forms in your organization.

## Forms in Your Browser

Informed Filler for Java brings the benefits of electronic forms to the Web platform. Informed Filler for Java is a Java applet used to fill out visually appealing, intelligent forms in any Java capable Web browser. Forms are created using Informed Designer on Windows (3.1x, 95, NT) or Mac OS and then saved for use with the Informed Filler Java applet. Place your Java forms and the Java applet on your Web server, and anyone with a Java capable browser can fill them out. No additional client software is needed. No complicated installation or configuration process is required.

To help reduce the total cost of ownership (TCO) of PC computers, many organizations are looking to the thin client to cut administration and maintenance costs. With the thin client, applications and content are delivered to the worker's desktop on a demand basis. Informed Filler for Java supports this environment.

## Automate in Phases

The average business uses hundreds of forms. These forms, whether used internally, for business-to-business communication, or for the general public, are today, quite often paper based. With an estimated annual expenditure by US organizations of \$120 billion to process paper forms, the potential savings through automation are staggering! In fact, automating even a single form can yield a 200-300% return on investment in the first year.

Informed lets you automate forms processes in phases. Start with print-on-demand solutions and eliminate storage and distribution costs. Or implement fill-and-print solutions to improve productivity with time saving form intelligence and automated revision control. Or go 100% paperless to increase efficiencies with near-instant routing, electronic approval and tracking, automated submission of forms into database systems and more.

A common use of Informed Filler for Java is to add forms capabilities to the policies and procedures already posted on your Web site

Fill out forms from within any Java capable Web browser.

## Designing Java Forms

Use Informed Designer's easy to use, forms specific tools to create powerful Java forms and break the HTML barrier to provide numerous cost saving and productivity enhancing features.

- Local calculations, error checking, choice lists, lookups, formatting and on-line help improve worker productivity and accuracy.
- Local calculations and error checking reduce CGI programming.
- Depend less on CGIs and server-side services to reduce network traffic and server usage.
- Use Informed Designer's rich design environment to create professional, visually appealing Java forms.
- Reduce your design and maintenance costs with Informed Designer.
- Integrate Informed Filler for Java with our more capable Windows and Mac OS Fillers to meet your most demanding requirements.

## Policies and Procedures

One of the most common uses of an organization's corporate intranet is to publish policies and procedures. A high percentage of these procedures require users to fill out forms – forms like Vacation Requests, Purchase Requisitions, Time Sheets and Expense Claims. With Informed Filler for Java, these forms can be integrated tightly with the procedures they're associated with. Your employees could, for example, find the procedure for requesting time off, read it, then quickly fill out the Vacation Request form and submit it to your Web server for processing. In fact, an entire forms workflow system can be designed using existing Web technologies and Informed Filler for Java.

## BENEFITS

- Local calculations, error checking, choice lists, lookups, automatic formatting and on-line help improve worker productivity and accuracy
- Local calculations and error checking reduce CGI programming
- Depend less on CGIs and server-side services to reduce network traffic and server usage
- Use Informed Designer's rich design environment to create professional looking, visually appealing Java forms
- Reduce your design and maintenance costs with Informed Designer
- Design once then deploy on Windows (3.1x, 95, NT), Mac OS or in any Java capable browser
- Integrate Informed Filler for Java with our more capable Windows and Mac OS Fillers to meet your most demanding requirements.

## SPECIFICATIONS

Applications based on Java and the thin client environment rely more on network services rather than the services available on the user's computer. The Informed Filler for Java feature set has been designed accordingly and, as a result, represents a subset of the capabilities of Informed Filler for Windows and Mac OS. This specification details the features available in Informed Filler for Java.

## COMPONENTS

- The Java applet. The Informed Filler for Java applet is a generic, precompiled applet that is used with all Informed Java forms. You will not need a Java compiler in addition to Informed Designer. The various Java classes that make up the Informed Filler for Java applet can be placed on your Web server once and shared by all of your Java forms. The Informed Filler for Java applet is approximately 100k in size.
- The GIF image. When you save a Java form, Informed Designer creates an HTML file and a GIF image of the form template. The GIF image acts as a backdrop and provides the visual appearance of the form template. All modern Web browsers can easily draw GIF images. Using GIF images means that all of Informed Designer's rich graphics features, including all drawing tools, are fully supported.
- The HTML file. This file includes the form template description (the cells on the form, their sizes and positions, and attributes such as formatting, calculations, error checking and so on). Also included in this file are the locations of the Java applet and the GIF image. You can insert this HTML into an existing page on your Web server, or you can install the file as a new page and create a link to it from another page.

## DRAWING ENVIRONMENT

All Informed forms are created using Informed Designer. All graphics and design features are fully supported. Informed Designer is available for Windows (3.1x, 95, NT) and Mac OS. Please see the Informed Designer Specifications for details on drawing environment, object appearance and object manipulation.

## PAGE CONTROL

- Multiple pages form template (maximum 99)
- Master page for logos, headers and footers
- Work page for hidden calculations
- Form template sizes from 0.5" by 0.5" to 17" by 17"

## DATA FORMATTING

- Cell types including text, date, time, number and boolean (checkbox and radio button)
- Designer definable custom format options for each cell type
- Checkboxes with different check and radio button styles including "x", checkmark, filled square and filled circle

## DATA INTELLIGENCE AND DATA ENTRY

- Designer configured calculations and defaults with built-in if/then/else logic
- Display only cells to prevent user editing of calculated or default values
- Over 100 functions including mathematical, statistical, boolean, text, date, time and more
- Designer definable error checking with custom alert messages
- Optional, recommended and required cells to recommend or force entry of cell values
- Lookups via HTTP to automatically retrieve and enter data from databases or other sources
- Designer definable choice lists for common entries
- Designer definable help message for each cell
- Designer definable tabbing order
- Row-by-row tabbing through tables
- Copy and paste cell values

## ACTION BUTTONS

- Multiple action buttons
- Custom button names
- Clear button for clearing the form
- HTTP POST and GET requests supported
- Reply can be an HTML page for display in same or new browser window

## DATABASE AND WEB SERVER ACCESS

- Use HTTP lookups and action buttons (see earlier) to access Web services
- Write custom CGIs to access databases and information systems
- Submit form data into standard databases or custom systems
- Retrieve form-specific on-line help for display in browser window
- Design custom search engine request forms
- Integrate with Informed Filler for Windows and Mac OS

## PREFILL JAVA FORMS

- Dynamically prefill forms with data for editing purposes
- Useful for building or integrating with workflow systems

## SYSTEM REQUIREMENTS

- Informed Designer 2.1 or later (to create your form template)
- Java capable Web browser (version 1.0.2 or later Java support required)
- A Web server

For more information, please refer to the Informed brochure, the Informed Designer Specifications sheet, the Informed Filler Specifications sheet and the Shana Web site at [www.shana.com](http://www.shana.com).