

# Perceptive TransForm

## Release Notes

Version: 8.x

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## Perceptive TransForm 8.x Patch (February, 2017)

**Important** Perceptive TransForm versions 8.12.0 and higher contain new features and enhancements that have changed the installation and configuration of Perceptive TransForm E-Forms Manager and Perceptive TransForm iFiller. Prior to upgrading, see the 8.12.x *Perceptive TransForm Getting Started Guide*.

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.14.1
- Perceptive TransForm E-Forms Manager 8.14.1
- Perceptive TransForm iFiller 8.14.1

### Perceptive TransForm Designer and Filler

#### Supported Version

- Perceptive TransForm. Minimum version: 8.14.1

#### Updates

- SetByFormula or DefaultData Text Truncation. Resolved an issue where the text that was set in a field by evaluation of either SetByFormula or DefaultData formulas was truncated at 255 characters. This affects versions 7.0 and higher.

### Perceptive TransForm E-Forms Manager

**Important** E-Forms Manager, version 8.14.1, is the final major release that supports ODBC data sources. All new data sources are created as a JDBC data source. Existing ODBC data sources are supported in 8.14.1 and work as normal, however, you are unable to create new ODBC data sources. For more information, see the *Perceptive TransForm E-Forms Manager Data Source Getting Started Guide*.

#### Supported Version

- Perceptive TransForm. Minimum version: 8.14.1

#### New Feature

- View Form Lock Password. Adds capabilities for form administrators with certain access level to view a form's lock password.

#### Enhancements

- Data Source. Enhances Data Source Setup Wizard. For more information, see the *Perceptive TransForm E-Forms Manager Data Source Getting Started Guide*.
- Form Submission Encrypted Fields. Preserves encrypted fields in a form submission.
- Managed URLs. Adds option to control whether a confirmation dialog is presented prior to closing a form.
- Web Service Integration. Includes user interface optimizations and enhancements.

- User interface. Includes general user interface optimizations and enhancements.
- Security. Includes general security-related updates.

## Updates

- Email. Resolved an issue where an SMTP password could not be saved when the Email Server was initially configured without SMTP Authentication settings. This affects versions 8.11.2 and higher.
- Email Templates. Resolved an issue where the body of an HTML email template was saved with extra HTML markup when the email template was saved while viewing the HTML source. This affects versions 7.0 and higher.
- Email Templates. Resolved an issue where the body of an HTML template was not formatted correctly when viewing the template's details. This affects versions 8.11.2 and higher.
- Autofill Query. Resolved an issue where an unexpected error occurred when testing an Autofill Query that failed to connect to the target database. This affects versions 8.9.0 and higher.
- Web Service Autowrite. Resolved an issue where certain characters may have been encoded incorrectly in the request template. This affects versions 8.11.2 and higher.
- Data Repository Configuration Utility. Resolved an issue where when MySQL was the selected database type, the label for the database field was missing on step 4. This affects versions 8.9.0 and higher.
- Form Settings Export. Resolved an issue where when exporting the settings for a form that used a Web Service Operation, constants that were used in that operation were not exported. This affects versions 8.9.0 and higher.
- About E-Forms Manager Page. Resolved an issue where when using MySQL as the data repository, an error may have occurred when viewing the About E-Forms Manager page. This affects versions 8.9.0 and higher.
- Web Service Operation – Select from WSDL. Resolved an issue where an unexpected error occurred in the Web Service Operation if the Cancel button was clicked in step 2 or 3 of the Select from WSDL wizard. This affects versions 8.9.0 and higher.
- Web Service Operation – Select from WSDL. Resolved an issue where when an Autofill operation was being configured, the One-Way property was erroneously displayed. This affects versions 8.9.0 and higher.
- Filler. Resolved an issue where SetByFormula and DefaultData formulas may have evaluated incorrectly. This affects versions 8.14.1.

## Perceptive TransForm iFiller

### Supported Version

- Perceptive TransForm. Minimum version: 8.14.1

### Enhancements

- Confirm Close. Adds support to control at the application level whether a confirmation dialog is presented prior to closing a form.
- Security. Includes general security-related updates.

## Updates

- Field Validation. Resolved an issue where a field that failed validation did not receive focus once the validation message was dismissed. This affects versions 8.0 and higher.
- Bitmap – Annotate Image. Resolved an issue where if an image's size was larger than the Bitmap field's size, the quality of the image may have been degraded after saving annotations. This affects versions 8.6.0 and higher.
- Bitmap – Annotate Image. Resolved an issue where the annotate Image dialog did not resize correctly when a smaller image than the original image was loaded into the dialog. This affects versions 8.6.0 and higher.
- Print. Resolved an issue where legal size forms were printed using letter size dimensions. This affects versions 7.0 and higher.
- SetByFormula or DefaultData Text Truncation. Resolved an issue where text that was set in a field by evaluation of either SetByFormula or DefaultData formulas was truncated at 255 characters. This affects versions 7.0 and higher.
- EditText (DisplayCalendar=Yes). Resolved an issue where an unexpected error occurred when the value of a date field that displayed a calendar and contained an OnUpdate Message Box command was updated. This affects versions 8.13.0 and higher.
- Field Focus. Resolved an issue where the current field did not retain focus after a dialog was dismissed. This affects versions 8.0 and higher.
- Field Navigation. Resolved an issue where if the current field had an OnUpdate Message Box command, clicking on another object did not change the current object to that object. This affects versions 8.0 and higher.

## Perceptive TransForm 8.x Patch (October 20, 2016)

**Important** Perceptive TransForm versions 8.12.0 and higher contain new features and enhancements that have changed the installation and configuration of Perceptive TransForm E-Forms Manager and Perceptive TransForm iFiller. Prior to upgrading, see the 8.12.x *Perceptive TransForm Getting Started Guide*.

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.13.5
- Perceptive TransForm iFiller 8.13.5

## Perceptive TransForm E-Forms Manager

### Supported Version

- Perceptive TransForm. Minimum version: 8.13.0

### Enhancement

- Oracle 12c Support. This release adds Oracle 12c as a supported database you can use as E-Forms Manager's data repository.

## Updates

- Web Services Autofill. Resolved an issue where an HTTP 406 Not Acceptable error occurred when invoking a RESTful web service. This affects versions 8.12.0 and higher.
- Web Services Autofill. Resolved an issue where resource parameters were incorrectly encoded when invoking a RESTful web service. This affects versions 8.12.0 and higher.
- SSL. Resolved an issue that caused an error to occur when attempting to connect to a server that only supports TLS 1.2. This affects versions 8.8.0 and higher.
- Imaging – Automatic ApplicationXtender Settings. Resolved an issue where the automatic ApplicationXtender export process default password was not saved. This affects versions 8.12.1 and higher.
- Imaging – Automatic ApplicationXtender Settings. Resolved an issue where the Change Password button was erroneously displayed when the selected default security model was Windows. This affects versions 8.12.1 and higher.

## Perceptive TransForm iFiller

### Supported Version

- Perceptive TransForm. Minimum version: 8.13.0

### Updates

- Bar Codes. Resolved an issue where linear bar codes would display as a black box when encoding certain data. This affects versions 8.12.0 and higher.
- Android. Resolved an issue where virtual keyboard was not activated when the login dialog was displayed. This affects versions 8.12.0 and higher.
- Android. Resolved an issue where elements may not have been correctly aligned after form submission. This affects versions 8.12.0 and higher.
- SSL. Resolved an issue that caused an error to occur when attempting to connect to a server that only supports TLS 1.2. This affects versions 8.8.0 and higher.

## Perceptive TransForm 8.x Patch (September 9, 2016)

**Important** Perceptive TransForm versions 8.12.0 and higher contain new features and enhancements that have changed the installation and configuration of Perceptive TransForm E-Forms Manager and Perceptive TransForm iFiller. Prior to upgrading, see the 8.12.x *Perceptive TransForm Getting Started Guide*.

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.13.2 and 8.13.3

## Perceptive TransForm E-Forms Manager 8.13.2

### Supported Version

- Perceptive TransForm. Minimum version: 8.13.0

### Update

- Remote Unsign. Resolved an issue where when unsigned a field set failed if the case of the unsigned user name did not match the signing user name. This affects versions 8.13.0 and higher.

## Perceptive TransForm E-Forms Manager 8.13.3

### Supported Version

- Perceptive TransForm. Minimum version: 8.13.0

### Update

- Installer. Resolved an issue where an error occurred during the installation after specifying an initial form administrator account. This affects versions 8.12.1 and higher.

## Perceptive TransForm 8.x Patch (August 8, 2016)

**Important** Perceptive TransForm versions 8.12.0 and higher contain new features and enhancements that have changed the installation and configuration of Perceptive TransForm E-Forms Manager and Perceptive TransForm iFiller. Prior to upgrading, see the 8.12.x *Perceptive TransForm Getting Started Guide*.

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.13.0
- Perceptive TransForm E-Forms Manager 8.13.0
- Perceptive TransForm iFiller 8.13.0

## Perceptive TransForm Designer and Filler

### Supported Version

- Perceptive TransForm. Minimum version: 8.13.0

### Enhancements

- Bar Codes. This release enhances the rendering of bar codes to produce higher fidelity.
- User Interface. This release includes general user interface optimizations and enhancements.

## Perceptive TransForm E-Forms Manager

### Supported Version

- Perceptive TransForm. Minimum version: 8.13.0



## Enhancements

- Form Administrator Authentication. This release adds support for LDAP and Active Directory.
- Form Administrator Authentication. Now if a user is unable to log in after several attempts, the user is prevented from logging in for a specified amount of time.
- User Interface. This release includes general user interface optimizations and enhancements.
- Security. This release includes general security-related updates.

## Updates

- Form Administrator – Edit. Resolved an issue where the Cancel button may not have appeared on the Edit Form Administrator page. This affects versions 8.12.0 and higher.
- Image Export. Resolved an issue where when the export format was a multiple-page format, such as TIF (multipage) or PDF, there was an extra underscore in the exported file name. This affects versions 8.11.0 and higher.
- Form Administrator Authentication. Resolved an issue where, after installing E-Forms Manager, users may have been unable to log in with the initial form administrator account provided during installation. This affects versions 8.12.1 and higher.

## Perceptive TransForm iFiller

### Supported Version

- Perceptive TransForm. Minimum version: 8.13.0

### Enhancements

- Date Form Field – Date Picker. This release adds support to display a date picker for date form fields.
- Bar Codes. This release enhances the rendering of bar codes to produce higher fidelity.
- Security. This release includes general security-related updates.

## Perceptive TransForm 8.x Patch (July 14, 2016)

**Important** Perceptive TransForm versions 8.12.0 and higher contain new features and enhancements that have changed the installation and configuration of Perceptive TransForm E-Forms Manager and Perceptive TransForm iFiller. Prior to upgrading, see the 8.12.x *Perceptive TransForm Getting Started Guide*.

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.12.3

## Perceptive TransForm Designer and Filler

### Supported Version

- Perceptive TransForm. Minimum version: 8.12.1

## Updates

- Import. Resolved an issue where importing a PDF document into Designer may have partially imported one or more pages of the document. This affects versions 8.12.0 and higher.

## Perceptive TransForm 8.x Patch (June 23, 2016)

**Important** Perceptive TransForm versions 8.12.0 and higher contain new features and enhancements that have changed the installation and configuration of Perceptive TransForm E-Forms Manager and Perceptive TransForm iFiller. Prior to upgrading, see the 8.12.x *Perceptive TransForm Getting Started Guide*.

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.12.2

## Perceptive TransForm Designer and Filler

### Supported Version

- Perceptive TransForm. Minimum version: 8.12.1

### Updates

- Graphical Signature. Resolved an issue where clicking a Bitmap field that was configured for Graphical Signature while previewing a form resulted in an error message. This affects versions 8.11.0 and higher.
- Graphical Signature. Resolved an issue where clicking a Bitmap field that was configured for Graphical Signature caused the application to close. This affects versions 8.11.0 and higher.

## Perceptive TransForm 8.x Patch (June 7, 2016)

**Important** Perceptive TransForm versions 8.12.0 and higher contain new features and enhancements that have changed the installation and configuration of Perceptive TransForm E-Forms Manager and Perceptive TransForm iFiller. Prior to upgrading, see the 8.12.x *Perceptive TransForm Getting Started Guide*.

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.12.1
- Perceptive TransForm E-Forms Manager 8.12.1.1
- Perceptive TransForm iFiller 8.12.1

## Perceptive TransForm Designer and Filler

### Supported Version

- Perceptive TransForm. Minimum version: 8.12.1

## Enhancements

### General

- Attachment Count. This release adds a new function, Attachmentcount, that returns the number of form attachments.
- Bar Codes. All bar codes have been enhanced to support representation of dynamic form data.
- Base64 Image Support. This release now supports the display of Base64-encoded images in a bitmap object.
- Attachment Support. The HasAttachments property of a new form is now set to Yes by default.
- Post Submit Commands. This release adds support for executing commands in a form after submission.
- User Interface. This release includes general user interface optimizations and enhancements.

### Designer Command List

The following commands are no longer supported and have been removed from Designer's command list:

- ClipboardClear
- ClipboardPaste
- EmailTo
- Open
- Post
- SecurePost
- Send
- Submit

## Perceptive TransForm E-Forms Manager

### Supported Version

- Perceptive TransForm. Minimum version: 8.12.1

### Enhancements

- About E-Forms Manager. Additional information, such as architecture and database type, is now displayed on the About E-Forms Manager page.
- User interface. This release includes general user interface optimizations and enhancements.
- Security. This release includes security-related updates to third-party components.
- Batch Form Submission Utility. This release adds the ability to submit offline forms in batches.
- Wacom Signature Pad Support. This release adds support for capturing graphical signatures with a Wacom signature pad.
- Web Services Autofill and Autowrite. This release adds support for RESTful web services. Note that a separate web service license is required to use this feature.

- Managed URLs. This release enables the configuration of submission-related and published-form-managed URLs. These URLs can now be configured with usage options.
- Bar Codes. All bar codes now support representation of dynamic form data.
- Post Submit Commands. This release adds support for executing commands in a form after submission.
- Image Autofill. This release adds support for Autofill of images in their native format.
- Constants. This release adds a new type of constant that can be used for passwords or other sensitive data.
- User interface. This release includes general user interface optimizations and enhancements.
- Security. This release includes security-related updates to third-party components.
- This release adds 64-bit support.

## Updates

- Published Forms List Details Page. Resolved an issue where a Form Not Available page was incorrectly displayed when clicking on Filler or iFiller link. This affects versions 8.11.3 and higher.
- ApplicationXtender. Resolved an issue where if the image format for a form version was PDF or multipage TIFF, the export to ApplicationXtender would fail. This affects versions 8.11.0 and higher.
- Perceptive eAuthorize. Resolved an issue where in certain proxy configurations, the eAuthorize signing process would fail. This affects versions 8.4.0 and higher.
- Form Version Settings Import/Export. Resolved an issue where constants used in a form version's settings were not exported as a dependency. This affected all versions.
- Constants. Resolved an issue where editing a constant name that was already in use prevented the constant from being updated. This affects all versions.
- Web Services Operation — Dialog Parameter Message. Resolved an issue where the default dialog message could not be changed. This affects versions 8.11.1.2 and higher.
- Form Details. Resolved an issue where a form's current category was not selected when editing form details. This affects all versions.
- Constants. Resolved an issue where web services operations that were using a constant were not listed on the Constant Usage page. This affects versions 8.11.3 and higher.
- Data Repository Configuration. Resolved an issue where an error may have occurred when migrating the existing data repository to a new data repository. This affects versions 8.9.0 and higher.

## Perceptive TransForm iFiller

### Supported Version

- Perceptive TransForm. Minimum version: 8.12.1

### Enhancements

- Combo Box and Radio Button. This release adds an OK link that you can use to close popups.

- Security. This release includes security-related updates to third-party components.

## Updates

### General

- On Download Authentication Dialog. Resolved an issue where the Enter button did not submit the dialog. This affects versions 8.10.0 and higher.
- Perceptive eAuthorize. In certain proxy configurations, the eAuthorize signing process would fail. This affects versions 8.4.0 and higher.
- Wacom Signature Pad Support. This release adds support for capturing graphical signatures with a Wacom signature pad.
- Bar Codes. All bar codes now support representation of dynamic form data.
- Security. This release includes security-related updates to third-party components.
- This release adds 64-bit support.

### User Interface

- Attachment Count. If a form contains attachments, the total number of attachments is now displayed.
- Toolbar. This release adds support for displaying an e-form in iFiller without the toolbar.

## Perceptive TransForm 8.x Patch (October 9, 2015)

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.11.3
- Perceptive TransForm E-Forms Manager 8.11.3
- Perceptive TransForm iFiller 8.11.3

## Perceptive TransForm Designer and Filler

### Enhancement

- User Interface. General user interface optimizations.

## Perceptive TransForm E-Forms Manager

### Enhancements

- Workflow – Business Process Step. This release enhances the Workflow feature with the ability to specify numerical steps in a business process. These numerical steps can be used in the form's Workflow configuration and form design.
- Autofill – On Submission View. This release enhances the Autofill feature by adding a new action type that allows an Autofill to occur when a submission of a form version is viewed.
- Form Field Lists. Form field lists are now sorted alphabetically when displayed in the user interface.
- Security. This release includes security related updates to third party components.

## Updates

- **Autofill.** Resolved an issue where an unexpected error may have occurred in the Autofill handler create or edit wizard when the Back button was clicked. This affects versions 8.9.0 and higher.
- **New Form Version Copy Settings.** Web Services Autofill and Autowrite settings for a form version were not copied from a previous version when a new version was created. This issue has been fixed. This affects versions 8.9 and higher.

## Perceptive TransForm iFiller

### Enhancement

- **Autofill – On Submission View.** This release enhances the Autofill feature by adding a new action type that allows an Autofill to occur when a submission of a form version is viewed.

## Perceptive TransForm 8.x Patch (June 30, 2015)

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.11.0
- Perceptive TransForm E-Forms Manager 8.11.0 and 8.11.1
- Perceptive TransForm iFiller 8.11.0

The following new features, enhancements, and updates are included in this patch.

## Perceptive TransForm Designer and Filler 8.11.0

### Enhancement

- **Installer.** The Designer and Filler installers are now built as Windows Installer (msi) packages.

## Perceptive TransForm E-Forms Manager 8.11.0

### New Features

- **Topaz Signature Pad Support.** This release adds support for capturing graphical signatures with a Topaz signature pad.
- **Published Form URL Placeholders.** This release adds new placeholders that can be used to create published form URLs in email templates and other areas of the application.

### Enhancements

- **Read-only Submission.** If a submission contains attachments, those attachments are now viewable from the read-only PDF version of the submission.
- **Business Process.** This release enhances the Workflow-related business process functionality and now provides a read-only version of a submission if the business process is complete.

- Placeholders. The list of available placeholders that can be used in various areas of E-Forms Manager has been standardized.
- ECM Connectors. The available Image Format options have been standardized.
- Form Version Deletion. Previously, form administrators assigned the Level 2 – Edit Form Catalog access level could delete a form version. This release requires that form administrators be assigned the Level 3 – Publish Forms access level or higher in order to delete a form version.
- Form Details. A form’s reference key has been added to the form details view.
- PDFs. All PDFs produced by E-Forms Manager are now encrypted.
- Perceptive Content Connector. This release adds support for Perceptive Integration Server.
- Perceptive Content Connector. This release replaces Folder and Tab with Field1 and Field2 index fields.
- Perceptive Content Connector. This release adds support for Perceptive Content eForm data mapping.

## Updates

- E-Forms Manager Server Service. Resolved an issue where while attempting to stop the E-Forms Manager Server Windows service, the service may have terminate unexpectedly. This affects versions 8.9.0 and higher.
- Installer. Resolved an issue where the installer may have become unresponsive during a new installation or upgrade. This affects versions 8.8.0 and higher.
- Installer. Resolved an issue where the E-Forms Manager failed to start after an upgrade of version 8.8.0, or earlier, to 8.10.0. This affects versions 8.8.0 and higher.
- Various ECM Connectors. Resolved an issue where the Back button on the third page of the wizard was inoperable. This affects versions 7.x and higher.

## Perceptive TransForm E-Forms Manager 8.11.1

### New Features

- Lock Field Set on Submission. This release adds the ability to optionally lock a set of fields when a form is submitted without the use of Remote Signing.

### Enhancements

- Access Passport Connector. This release adds support for Reference Properties 1 – 3 and the Observer property to the Passport Connector.

### Updates

- Web Services Autofill. Resolved an issue that caused Web Services Autofill operations to fail with an “Error occurred retrieving value from XML document” message. This affects versions 8.10.0 and higher.

- Web Services Autofill. After a Web Services Autofill Handler was edited, a Web Services Autofill operation that used that handler could fail. This issue has been resolved. This affects versions 8.10.0.1 and higher.
- Publish On & Publish End Date Format. Resolved an issue where if the Display Date format was changed from the default format, the Publish On & Publish End date format did not adhere to the selected Display Date format. This affects versions 8.10.0.1 and higher.
- Perceptive Content Connector. Resolved an issue where the following error occurred when attempting to add a Form to an existing document in Perceptive Integration Server 7. "The form uses unsupported file encoding or the encoding has been improperly declared for the form data. No changes were saved. (8Y66UU:9WTZZ2)". This affects versions 8.11.0 and higher.
- Perceptive Content Connector. Resolved an issue where when a source or value was specified in the Export to Perceptive Content workflow action, the Field2 document key value was not set on the document in Perceptive Content. This affects versions 8.11.0 and 8.11.1.

## Perceptive TransForm iFiller 8.11.0

### New Features

- Topaz Signature Pad Support. This release adds support for capturing graphical signatures with a Topaz signature pad.

### Enhancements

- Business Process. This release enhances the Workflow-related business process functionality and now provides a read-only version of a submission if the business process is complete.
- Read-only Submission. If a submission contains attachments, those attachments are now viewable from the read-only PDF version of the submission.

### Updates

- Graphical Annotation. Resolved an issue that could have caused an unexpected error to occur when clicking the Save button on the Annotate Image dialog. This affects versions 8.6.0 and higher.
- Submission-related URLs. Resolved an issue that caused submission-related URLs for forms that required authentication, and were created prior to version 8.10.0, to not provide the submission. This affects versions 8.10.0 and higher.

## Perceptive TransForm 8.x Patch (April 24, 2015)

This release includes the following version.

- Perceptive TransForm iFiller 8.10.1.1

The following update is included in this patch.

## Perceptive TransForm iFiller

### Update



- Resolved an issue where a message stating "We are unable to open the requested form because it does not exist in the form provider's catalog." was displayed when a user clicked on, or browsed to a link that was generated for one of the following tokens prior to 8.10.0, and when authentication was required to view the submission: \$SUBMITTED\_FORM\_IFILLER\_URL or \$BP\_SUBMITTED\_FORM\_IFILLER\_URL.

## Perceptive TransForm 8.x Patch (February 25, 2015)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.10.1
- Perceptive TransForm iFiller 8.10.1

The following new features, enhancements, and updates are included in this patch.

### Perceptive TransForm E-Forms Manager

#### Enhancement

- TransForm E-Forms Manager now utilizes Apache Tomcat version 8.0.14.
- Managed URLs. Managed URLs have been enhanced to support specifying parameters after a Managed URL placeholder in an email template and other areas of the application.
- SSL Security. The SSL configuration has been enhanced to disable protocols and cipher suites that have been identified as weak or capable of creating a vulnerability (such as POODLE).
- Submission-related placeholders. This release adds a new submission-related placeholder (\$SUBMITTED\_BY\_EMAIL) that returns the email address of the user that submitted the form, if authentication is required for submission.

#### Updates

- XML Messaging & Email. Resolved an issue where once an XML Messaging process occurred, all emails were sent with correct subject, a blank body, and an empty attachment named "noname." This affects version 8.10.0.
- Submission Processing. Resolved an issue where certain characters may not have displayed correctly after the submission tracking number was returned to the form. This affects versions 7.x and higher.
- Business Process Status. Resolved an issue where certain characters may not have displayed correctly in the business process status dialog. This affects versions 7.x and higher.
- User Interface – Constant Detail. Resolved an issue where the Back to List button on the constant details page navigated to the incorrect page. This affects version 8.10.0.
- Authentication Provider – Reduced User Search Base Character Limit. Resolved an issue where the character limit for the user search base attribute of an authentication provider was erroneously reduced. This affects versions 8.7.0 and higher.
- Installer. Resolved an issue where after an upgrade of an instance that runs over SSL, the incorrect URL was launched when "Launch the Administration Console now" option was selected. This affects versions 7.x and higher.

## Perceptive TransForm iFiller

### Enhancement

- TransForm iFiller now utilizes Apache Tomcat version 8.0.14.
- SSL Security. The SSL configuration has been enhanced to disable protocols and cipher suites that have been identified as weak or capable of creating a vulnerability (such as POODLE).

### Updates

- Submission Processing. Resolved an issue where certain characters may not have displayed correctly after the submission tracking number was returned to the form. This affects versions 1.x and higher.
- Business Process Status. Resolved an issue where certain characters may not have displayed correctly in the business process status dialog. This affects versions 1.x and higher.

## Perceptive TransForm 8.x Patch (February 6, 2015)

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.10.0
- Perceptive TransForm E-Forms Manager 8.10.0
- Perceptive TransForm iFiller 8.10.0

The following new features, enhancements, and updates are included in this patch.

## Perceptive TransForm Designer and Filler

### Enhancement

- User Interface. General user interface optimizations.

## Perceptive TransForm E-Forms Manager

### New Features

- Web Services Autowrite. This release provides the ability to send data from a submission to an external system using a SOAP (1.1 or 1.2) web service.  
**Note** A separate web service license is required to use this feature.
- Fully searchable PDF. This release provides support for fully searchable PDF versions of submissions.
- User Interface – Date Display Format Configuration. This release provides the ability to select the format of the dates displayed in the Administration Console user interface.
- E-Forms Manager Catalog Web Services. This release adds a new web service that can be used to retrieve a read-only version of a form submission.

## Enhancement

- User Interface – Constants. Constants are now a top-level menu item in Administration and have been removed from the General section.
- User Interface – WS Integration. The user interface for the WS Integration menu item has been enhanced to display two top level tabs: Endpoints and Operations. The Autofill tab is now located under the Operations tab.
- WS Integration – Endpoint Authentication. Web Services Endpoint login or logout operations are now listed under a new, separate tab labeled Endpoint Authentication.
- End User Authentication – Database. In addition to \$USER\_ID, the following placeholders can also be used to place an end user's username into a query: \$USERID, \$USER, \$USERNAME, or \$USER\_NAME.

## Updates

- Perform Database Autowrite Workflow Action – Handler Execution Order. Resolved the issue where handlers were executed in the order that they were created. Autowrite handlers selected in the action now execute in the order that they are displayed in the action. This affects versions 7.1.2 and higher.
- Database Upgrade. Resolved an issue where an error might have occurred during database upgrade from 8.7.0.1 to 8.7.0.2. This affects versions 8.7.0 and higher.
- Form Version Settings Import. Resolved an issue where an error might have occurred importing form version settings that contain Autowrite handlers with a gap (sequential but not consecutive) in the execution orders. This affects versions 7.1.2 and higher.
- Form Deletion. Resolved an issue where if a form's title contains an apostrophe ('), then the form could be deleted. This affects versions 7.1.2 and higher.

## Perceptive TransForm iFiller

### New Feature

- Accessibility Support. This release adds support to the user interface for accessibility tools following the WAI-ARAI 1.0 W3C recommendation. Screen readers that support WAI-ARAI (such as JAWS) are supported.

### Enhancement

- Form Locking. As of this release, provides the ability to view a read-only version of a submission that is currently being viewed by another user.

### Update

- Radio Buttons. Resolved an issue where radio buttons might not retain their value when gaining focus. This affects versions 7.x and higher.

## Perceptive TransForm 8.x Patch (October 10, 2014)

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.9.0
- Perceptive TransForm E-Forms Manager 8.9.0
- Perceptive TransForm iFiller 8.9.0

The following new features, enhancements, and updates are included in this patch.

## Perceptive TransForm Designer and Filler

### Enhancement

- Graphical Annotation and Graphical Signature. This release enhances the graphical annotation and graphical signature dialog boxes so they are similar to the iFiller dialog boxes.

## Perceptive TransForm E-Forms Manager

### New Features

- MySQL Support. This release provides support for a MySQL 5.5 (or higher) database to use as the data repository for E-Forms Manager.
- Managed URLs. This release provides support for a new set of form URLs used to open or download a published form or a submission.
- Managed URLs Catalog Web Services. This release provides an additional set of catalog web services to provide managed URLs that you can use to either open or download a published form or a submission.
- Form Locking. As of this release, all business process submission form instances viewed using the iFiller business process submission URL (for example, \$BP\_SUBMITTED\_FORM\_IFILLER\_URL) only allow one user at a time to view the submission.
- Web Services Autofill. This release provides the ability to populate data into a form from a SOAP (1.1 or 1.2) web service through the Autofill feature.

**Note** A separate web service license is required to use this feature.

### Enhancement

- Web Services Form Administrator Role. Added a new form administrator access level for accounts used solely to invoke the E-Forms Manager web services.

### Updates

- Form Version Settings Import. Resolved an issue that caused an error to occur when importing form version settings from a version of E-Forms Manager prior to version 8.7.0 into an E-Forms Manager version 8.7.0 and higher. This affects versions 8.7.0 to 8.8.2.1.
- Licensing. Resolved an issue where a license with Non-Production license use was reported as Production license use. This affected versions 8.8.1, 8.8.2, and 8.8.2.1.
- Imaging. Resolved an issue when exporting of a form to images failed when the Bits per Pixel setting was 16 or 32. This affected versions 8.7.0 to 8.8.2.1.

## Perceptive TransForm iFiller

### New Feature

- Form Locking. As of this release, all business process submission form instances viewed using the iFiller business process submission URL (for example, \$BP\_SUBMITTED\_FORM\_IFILLER\_URL) only allow one user at a time to view the submission.

### Enhancement

- Tab or Window Close Behavior. Enhanced iFiller so that the tab or window that contains it automatically closes when you click the Close button on the iFiller toolbar.

### Update

- Bitmap Support. Resolved an issue where bitmap fields were not reset when included in a field set that was reset with a Reset command. This affected versions 7.x to 8.8.0.

## Perceptive TransForm 8.x Patch (August 10, 2014)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.8.2.1

The following updates are included in this patch.

## Perceptive TransForm E-Forms Manager

### Updates

- Perceptive ImageNow Connector. Annotations added to TIFF images are now sized correctly. This affects versions 8.8.0, 8.8.1, and 8.8.2.
- Database Integration – Autofill Query. The Test Autofill Query form now allows input of values for parameters greater than 30 characters. This affects versions 7.x and higher.
- Authentication Autofill. For Authentication Autofill form field to user attribute mappings, there are no longer errors while saving when there are a large number of form fields that are mapped. This affects versions 8.7.0.3 and higher.

## Perceptive TransForm 8.x Patch (July 10, 2014)

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.8.2
- Perceptive TransForm E-Forms Manager 8.8.2
- Perceptive TransForm iFiller 8.8.2

The following enhancements are included in this patch.

## Perceptive TransForm E-Forms Manager and TransForm iFiller

### Enhancements

- Perceptive eAuthorize Connector. The Perceptive eAuthorize Connector now utilizes the GetSigningLinks DocumentNOW operation to retrieve signing links used in the Immediate Presentment process.
- Perceptive eAuthorize Connector. The Perceptive eAuthorize Connector now stores the document link retrieved from the GetAccessLink DocumentNOW operation in the form after signing is complete.

## Perceptive TransForm 8.x Patch (June 10, 2014)

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.8.1
- Perceptive TransForm E-Forms Manager 8.8.1
- Perceptive TransForm iFiller 8.8.1

The following updates are included in this patch.

## Perceptive TransForm E-Forms Manager

### Updates

- Licensing. An error no longer occurs when loading a license into E-Forms Manager.
- Autofill. An error no longer occurs when using the authentication dialog box.
- Autofill. Instruction text and the user name and password labels now appear in the authentication dialog box if an Autofill process requires authentication.
- Database Backup. An error no longer occurs when backing up the E-Forms Manager default database with the Database Backup feature.
- Installer – Oracle. An error no longer occurs when upgrading an E-Forms Manager instance that uses an Oracle database as the data repository from version 8.7.0 to version 8.8.0.
- Published Forms List Page. An error no longer occurs when trying to view published forms in a category that was created in 8.8.0.

## Perceptive TransForm iFiller

### Update

- E-Forms Manager related 8.8.1 Updates. Some of the updates to E-Forms Manager for this release require updates to iFiller.

## Perceptive TransForm 8.x Patch (May 10, 2014)

This release includes the following versions.

- Perceptive TransForm Designer and Filler 8.8.0
- Perceptive TransForm E-Forms Manager 8.8.0
- Perceptive TransForm iFiller 8.8.0

The following enhancements and updates are included in this patch.

## Perceptive TransForm Designer and Filler

### Enhancement

- Graphical Annotation. This release enhances the graphical annotation and graphical signature dialog boxes to better detect when annotations have been made.

## Perceptive TransForm E-Forms Manager

### Enhancements

- Licensing. The licensing process now populates the license request form with the information from the current license.
- Authentication Dialogs. All authentication dialog boxes now display a message if the provided username or password is incorrect.

### Updates

- Installer – Microsoft SQL Server. An error no longer occurs when upgrading an E-Forms Manager instance that uses a SQL Server database as the data repository. If integrated security is used to connect to the database then a connection to the database is now correctly established.
- Installer – Microsoft SQL Server. Upgrading a SQL Server database is now successful if integrated security is used to connect to the database.
- ImageNow ECM Connector. TIFF images that are exported to ImageNow can be annotated with the Annotation tool in ImageNow.
- ApplicationXtender. All PDF files that are attached to a form can now be opened in ApplicationXtender.

## Perceptive TransForm iFiller

### Enhancements

- Graphical Annotation. This release enhances the graphical annotation and graphical signature dialog boxes to better detect when annotations have been made.
- Bubble Tip Display. This release enhances the display of bubble tips to more appropriately size large bubble tips.
- MultiEditBox. This release prevents MultiEditBoxes from being resized.
- Toolbar. The icon for the Print toolbar button has been updated.

## Update

- An error no longer occurs when attempting to load an image in a format other than PNG into a Data Field Only Bitmap field.

## Perceptive TransForm 8.x Patch (April 10, 2014)

This release includes the following version.

- Perceptive TransForm E-Forms Manager 8.7.0.3

The following updates are included in this patch.

### Perceptive TransForm E-Forms Manager

#### Updates

- Authentication Autofill. When using iFiller to view a published form that is configured with Authentication Autofill on download, the user's information is now always populated in the form when the user is authenticated successfully.
- Database Upgrade – Oracle. When E-Forms Manager's Data Repository is an Oracle database, the upgrade from 8.3.0 to 8.4.0 is now successful.
- Database Upgrade – Oracle. When E-Forms Manager's Data Repository is an Oracle database, the upgrade from 8.7.0 to 8.7.0.2 is now successful.

## Perceptive TransForm 8.x Patch (February 10, 2014)

This release includes the following version.

- Perceptive TransForm E-Forms Manager 8.7.0.2

The following update is included in this patch.

### Perceptive TransForm E-Forms Manager

#### Update

- LDAP and Active Directory Authentication. Authentication using either an LDAP or Active Directory may fail in 8.7.0 when authentication succeeded in versions prior to 8.7.0. If authentication using an LDAP or an Active Directory provider no longer authenticates an end user after upgrading E-Forms Manager to 8.7.0 but authenticated end users in the version prior to 8.7.0 and there have not been any changes to the provider settings, then this release fixes this issue.

## Perceptive TransForm 8.x Patch (January 10, 2014)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.7.0.0
- Perceptive TransForm iFiller 8.7.0.0



- Perceptive TransForm Designer 8.7.0.0
- Perceptive TransForm Filler 8.7.0.0

The following enhancements and updates are included in this patch.

## Perceptive TransForm Designer and Filler

### Enhancements

- Default installation folder. This release changes the default installation folder for Designer and Filler from TransForm 7.0 to TransForm\Desktop; for example, [drive:]\Program Files\TransForm\Desktop.
- Dictionary. Words were added to the default dictionary used by the spell check tool.

## Perceptive TransForm E-Forms Manager

### New feature

- Authentication Autofill. This release provides a new feature that populates a user's information into a form once the user is authenticated. Authentication and user information population is done at the same time so a separate autofill operation is not needed to populate the authenticated user's information into the form.

### Enhancements

- Imaging engine. The imaging engine that exports a form (PFF file) to supported image formats is more robust and produces smaller image file sizes.
- Authentication providers. The supported authentication providers were enhanced to allow additional user attributes to be specified so that these user attributes can be used with the new Authentication Autofill feature.
- LDAP Authentication Provider setup wizard. The following labels were changed in the LDAP Authentication Provider setup wizard.
  - User Entries Filter changed to User Search Filter.
  - User Name Search Base changed to User Search Base.
- Active Directory Authentication Provider wizard. The following label changed in the Active Directory Authentication Provider setup wizard.
  - User Name Search Base changed to User Search Base.

### Updates

- Microsoft Internet Explorer 10 support. The components of the Administration Console and the Published Form Catalog user interface now display properly in Internet Explorer 10. Previously, some components did not display correctly.
- Form Administrator log-in. After a form administrator's profile is updated by selecting Form Administrator > Edit > Save Changes, the form administrator can now log in to E-Forms Manager.

## Perceptive TransForm iFiller

### Enhancements

- Print functionality. This release enhances the print functionality and now provides an inline PDF printer-friendly version of the form.
- Graphical annotation on iPhone. When using an iPhone to annotate an image or graphically sign a form, it must now be in landscape orientation.

### Update

- If form printing is disabled, the form can no longer be printed by using either a Print or PrintDirect command.

## Perceptive TransForm 8.x Patch (November 20, 2013)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.6.0.1
- Perceptive TransForm iFiller 8.6.0.1

The following update is included in this patch.

## Perceptive TransForm E-Forms Manager

### Update

- The E-Forms Manager and iFiller installers were updated to install a new version of a required internal library.

## Perceptive TransForm 8.x Patch (November 11, 2013)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.6.0.0
- Perceptive TransForm iFiller 8.6.0.0
- Perceptive TransForm Designer 8.6.0.0
- Perceptive TransForm Filler 8.6.0.0

The following enhancements and updates are included in this patch.

## Perceptive TransForm E-Forms Manager

### Enhancements

- Data Source – Editable Data Source Type. You can now change the type of data source from ODBC to JDBC or vice versa when editing a data source. In prior versions, you could not change the type of data source when editing a data source.

- Data Source – JDBC Driver Class and JDBC Connection URL Input Length. The maximum length of input for Data Source JDBC Driver Class and JDBC Connection URL is now 255 characters.
- ImageNow ECM Connector. ImageNow MessageAgent 6.7 is now supported.
- E-Forms Manager Designer catalog file. The E-Forms Manager Designer catalog file that is installed in the [drive:]My Forms\E-Forms Manager Sampler Forms folder has been renamed from E-Forms-Manager-7.2.cat to E-Forms-Manager.cat.

## Updates

- ECM Connector. An error no longer occurs when clicking the Retry button on any ECM connector submission export details page.
- Form version settings import. If the exported form version settings contain an Autowrite Handler that calls a Stored Procedure, the import no longer fails.

## Perceptive TransForm iFiller

### Enhancement

- Graphical annotation support. This release adds the ability to annotate an image graphically. This feature uses the HTML canvas, which is not supported in all browsers.

### Update

- iFiller Server. If the domain of the iFiller Server URL uses Google Analytics (for example, injects Google Analytics scripts in requested pages), an unexpected error no longer occurs causing the message, "An unexpected error has occurred and we are unable to process your last operation" to display when attempting to view a form with iFiller in Microsoft Internet Explorer 10.

## Perceptive TransForm Designer and Filler

### Enhancement

- Aztec and Data Matrix Barcode Support. This release adds the ability to place Aztec or Data Matrix bar codes on a form. The Aztec or Data Matrix bar code dynamically encodes specified form data and can be read by any barcode scanner that supports these two bar code types.

## Perceptive TransForm 8.x Patch (August 21, 2013)

This release includes the following version.

- Perceptive TransForm E-Forms Manager 8.5.1.0

The following enhancement and updates are included in this patch.

## Perceptive TransForm E-Forms Manager

### Enhancement

- ImageNow ECM Connector: This release adds support for Message Agent 6.7 to the ImageNow ECM Connector.

## Updates

- ImageNow ECM Connector: An error no longer occurs when clicking the Retry button on the ECM Connector submission export details page.
- Form Version settings: Import now succeeds when settings contain an Autowrite Handler that calls a stored procedure.

## Perceptive TransForm 8.x Patch (August 9, 2013)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.5.0.0
- Perceptive TransForm iFiller 8.5.0.0
- Perceptive TransForm Designer 8.5.0.0
- Perceptive TransForm Filler 8.5.0.0

The following enhancements and updates are included in this patch.

## Perceptive TransForm E-Forms Manager

### Enhancements

- ImageNow ECM Connector: Added the ability to store data values that are provided at the time of signing with eAuthorize as custom properties within Perceptive Content.
- DocuWare ECM Connector: This release provides support for seamless integration with DocuWare Enterprise Content Management systems.

### Updates

- ImageNow ECM Connector: If a document already exists in a workflow queue, the export now succeeds if the ImageNow ECM Connector tries to add the document to the workflow queue again.
- Installer – wrapper.conf: Modifications to the configuration file, wrapper.conf no longer may be discarded during the upgrade process.

## Perceptive TransForm iFiller

### Enhancement

- Perceptive eAuthorize dialog: This release enhances the Perceptive eAuthorize dialog so that it is sized based on the resolution and orientation of the display.

### Update

- While filling out a form with an Apple iPad or iPhone, an unexpected error no longer occurs causing the following message to display: “An unexpected error has occurred and we are unable to process your last operation.”

## Perceptive TransForm Designer and Filler

### Enhancements

- Wacom LCD Signature Tablet STU-500: This release adds support for capturing a graphical signature with a Wacom LCD Signature Tablet STU-500.
- Dynamic ComboBox form field: This release adds the ability to specify one or more EditText fields as the available choices in a ComboBox. This allows a form designer to dynamically specify the choices as the values of EditText fields.
- Graphical Annotation Bitmap form field: This release adds the ability to prevent the contents of a graphically annotatable bitmap form field from being modified by adding it to a signature field set. Once that field set is signed then the bitmap content cannot be modified.

### Update

- Display of Date Popup Calendar: Resolved an issue where in some cases, tabbing from a ComboBox field to an EditText field that should display a date popup calendar did not display the calendar.

## Perceptive TransForm 8.x Patch (June 27, 2013)

This release includes the following version.

- Perceptive TransForm E-Forms Manager 8.4.0.1

The following updates are included in this patch.

## Perceptive E-Forms Manager

### Updates

- Resolved an issue where E-Forms Manager web services may have become unavailable, causing communication with eAuthorize to become unavailable.
- Resolved an issue where remote signing of a multi-page form may have returned a “Failure connecting to web server” message.
- Resolved an issue where autofill operations that retrieve a large number of records (100+) may have returned a “Failure connecting to web server” message.

## Perceptive TransForm 8.x Patch (April 11, 2013)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.4.0.0
- Perceptive TransForm iFiller 8.4.0.0

- Perceptive TransForm Designer 7.0.1.0

The following enhancements are included in this patch.

## Perceptive TransForm E-Forms Manager

### Enhancements

The enhanced integration of Perceptive eAuthorize with TransForm enables you to leverage the TransForm ImageNow connector settings to capture one or more electronic signatures on a TransForm e-form and retain the dynamic indexes, attachments, metadata, and custom properties for storage within the ImageNow repository.

This integration is based on industry standards for web services, enabling the secure communication of TransForm e-forms and transactional data elements (attachments, XML, indexes, and metadata) into ImageNow.

### Perceptive eAuthorize integration

- You can now use a single- or multiple-step process for signing TransForm e-forms. You can also assign one or more electronic signatures to a TransForm e-form. This provides the following capabilities.
- The first signature can be supplied at the time of form completion, and then notify subsequent signatories to provide additional signatures, and have the completed signed PDF received by TransForm E-Forms Manager.
- You can statically (as a constant) or dynamically assign the signatories within TransForm Designer or while configuring the template parameters.

### ImageNow integration

- There is now a seamless workflow with Perceptive eAuthorize. TransForm E-Forms Manager now collects the electronically signed PDF from Perceptive eAuthorize and performs a consolidated submission into ImageNow of the parent TransForm E-Forms configuration. This includes:
  - Attachments
  - Custom properties
  - Dynamic and static indexes
  - All original functionality of the ImageNow integration

## Perceptive TransForm Designer

- Perceptive TransForm Designer now includes a catalog object that supports the new eAuthorize signature functionality.

## Perceptive TransForm iFiller

- Perceptive TransForm iFiller was updated to support the new eAuthorize signature functionality. Note that this new functionality is not supported with TransForm Filler.

## Perceptive TransForm 8.x Patch (March 26, 2013)

This release includes the following versions.

- Perceptive TransForm E-Forms Manager 8.2.0.3
- Perceptive TransForm iFiller 8.2.0.1

The following updates are included in this patch.

### Perceptive TransForm E-Forms Manager

#### Updates

- An error no longer occurs while creating a new Microsoft SQL Server database with the Data Repository Configuration tool.
- E-Forms Manager can now connect to the Internet when a proxy server is in use.

### Perceptive TransForm iFiller

#### Updates

- The loading time for some forms has been improved. Previously, the loading times of some forms may have been slower than previous versions.
- In Microsoft Internet Explorer 8, 9, or 10, the Perceptive eAuthorize Signature dialog box now displays correctly.