Perceptive Process

Release Notes

Version: 3.3.x

perceptivesoftware
from Lexmark

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Perceptive Process 3.3.x Release Notes

This document provides an overview of the changes in Perceptive Process (Perceptive Process Design and Perceptive Process Enterprise), version 3.3.x.

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- **Enhancements** provides an overview of the enhancements made to existing features.
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Perceptive Process Product Help is updated with every release. In addition, you can go to the Customer Portal on the Perceptive Software website to view Product Documentation for a particular version. This Product Documentation includes the Product Guides for Perceptive Process Design, Perceptive Process Enterprise, and Perceptive Process Server, Installation and Setup Guides, and Technical Specifications.

Upgrade

You can easily upgrade any version of BPMone and Perceptive Process to Perceptive Process 3.3.x (Perceptive Process Design or Perceptive Process Enterprise).

- If you are upgrading from a version before Perceptive Process 3.2, we recommend you read the release notes for the intermediate versions.
- If you are upgrading from Protos Personal 8, contact Perceptive Software Product Support.
- If you are upgrading from Protos Enterprise 8, contact your account executive or Perceptive Software Product Support. We advise you to have a Perceptive Software installation consultant perform the upgrade.

Perceptive Process 3.3.0 – March 2015

The following new features, enhancements, updates, and changes to supported platforms are included in Perceptive Process (Perceptive Process Design and Perceptive Process Enterprise), version 3.3.0.

Enhancements

Secure cookies

Perceptive Process uses cookies to remember settings, such as your preferences. To improve security, the cookies now have a *secure* attribute.

- If a cookie is set during a secure HTTPS session, in subsequent sessions the cookie is sent only if the connection protocol is HTTPS.
- If a cookie is set during an unsecure HTTP session, in subsequent sessions the cookie is sent regardless of the connection protocol that is used.

Note As a consequence of this added security, you might not see all your preferences if you alternate between HTTPS sessions and HTTP sessions.

Explicit caching policy

When sending data over the Internet, some data should be stored in the web browser cache, and some should not.

- Dynamic data should never be cached, to prevent theft and content spoofing, where cached data are used to insert malicious content on a webpage. Examples of dynamic data are user data, case data, and worklist content.

- Non-dynamic data should be cached. Caching makes the data available immediately, thus speeding up the web application.

Previously, Perceptive Process only specified a caching instruction when sending dynamic data, which obviously was the instruction not to store the data in the cache. Giving explicit caching instructions is now extended to sending non-dynamic data. Whenever possible the instruction is to cache the non-dynamic data only for the current user.

Case Form controls

The usage of a COMBO BOX on a form is now in line with the usage of an EDIT FIELD. This means that an explicit confirm is now required (i.e. TAB key or ENTER key) to send the value from the client to the server.

At the same time the so-called arrow keys are now fully functional, that is the UP and DOWN scroll up/down the list of possible values.
Finally, the focus flow between the controls on a form as specified during the design is now followed at the client side.

For an EDIT FIELD with a left alignment specification a change has been made. If this field does not have the focus and the text in the field is longer than the width of the field the left most part of the text is visible, due to the left alignment specification. If it were a right alignment specification, the right most part would be visible.

In both cases, if the field receives the focus the right most part is always shown and the text cursor is placed at the end of the string.

The background color scheme for controls has been made more consistent. Additionally, a read only control will now have the background color of its parent, either the form or a frame.

Finally, a new color scheme named **colors** has been introduced to emphasize the difference between editable controls and not editable controls. This new scheme also emphasizes the reason why a control is not editable. As this is a user setting, every user has to explicitly select the new color scheme when required.

When a BUTTON is used on a form and this BUTTON has the close case functionality set (and the extended confirm mechanism is not set) a dialog is presented when there is still unconfirmed data present on any form. This dialog allows the user to indeed close the case and lose the unconfirmed data or to keep the case open and check the unconfirmed data.

Updates

Server

- Resolved an issue with the availability of free TCP/IP ports. When no free port can be found, the server now terminates in stead of endlessly trying to find a free port. An appropriate message is printed in the corresponding log file.

- Resolved an issue with crashing server processes. This prevented an user from creating new cases.

- Resolved an issue with SSL security (the so-called POODLE vulnerability). As of this release the older SSLv3 protocol is no longer supported. This means that clients should now have at least one of the TSL protocols (TLSv1.0, TLSv1.1 and/or TLSv1.2) enabled to set up a secure connection to the server. A connection request with the older SSLv3 protocol is now rejected by the server.
If this new setup is not possible, contact Product Support.

Worklists and cases

- Depending on how a case is designed to run, when a user selects an item from a COMBO BOX in a case form, this COMBO BOX can turn into a read-only value. Resolved an issue that could occur when using Java 1.7, where such a read-only COMBO BOX appeared to be editable.

- Resolved an issue with the length of case tab labels. These labels were unnecessarily long because the words "Case Guide" were added automically. These extra words are now stripped from the case tab labels. Also, the word "Form" is no longer added automatically to titles of case forms.

- Resolved an issue with the StdTimestamp module's Subtract function. The subtraction of exactly one day from midnight now returns the correct result.

- Resolved an issue with a startup option for cascading case instances. The –n<Form> parameter was not handled properply. This parameter is now handled and it is now possible to open a specific form for a case that is opened from within another case.

  Be advised that for this feature to work properly the form needs to be explicitly modelled in the Form Zone.

- Resolved an issue with the history of cases. When two users create a new case at the exact same time the history of one of those cases could show a wrong user name. This has been corrected and both created cases now show the corrects user name in the history.

- Resolved an issue with the update of a worklist definition. When a worklist definition was changed this change was not communicated to the so-called query threads, resulting in failures when getting the contents of an updated worklist.

  However, this does **not** mean that it is now recommended to update worklist definitions on a production system during production hours. It is still recommended to make updates to worklists or other configuration parameters outside the production hours.

- Resolved an issue with the Information Box from the Case Guide. Instead of displaying this Box a Java Exception was thrown. This Box is now correctly displayed, it contains environmental settings as well as user preferences. The box may be opened from the Context Zone.

Design

- Resolved an issue with the properties on a library object. When a library object is used in a reserved Process Model all users were shown, this has been corrected.

- Resolved an issue with a generated HTML report in Dutch. In a Dutch HTML report of a Process Model a button label for switch back from full screen mode was untranslated. This button label is now translated.

Documentation

- In the "Perceptive Process Server Product Guide", updated the descriptions of the CHIP C functions chp_csf_getlink and chp_csf_openenc.

- In the "Perceptive Process Installation and Setup Guide", added upgrade instructions for Unix systems.

Supported platforms

The support for platforms has changed. The following platforms are now supported.

Type	Product
Database System	Microsoft SQL Server 2012 database, with SQL Server 2012 Native Client
Client Operating System	Microsoft Windows 8.1 **Note** When using Internet Explorer, you should start Perceptive Process from the Desktop. You cannot start Perceptive Process form the new Start screen, also called the Metro interface, because that doesn't support plug-ins such as Java which is required for Perceptive Process.
Internet Browser	Microsoft Internet Explorer 11, 32 bit Firefox 31 (ESR release)
Server Operating System	- IBM AIX v7.1 (64-bit) - Microsoft Windows Server 2012 - Microsoft Windows Server 2012 R2

Support for the following platform has ended.

Type	Product
Client Operating System	Microsoft Windows XP

Because Windows no longer supports Windows XP, our active support for Windows XP has ended as well. However, you can still use Perceptive Process 3.3 on Windows XP, should you want to.

A complete overview of supported platforms is available in "Perceptive Process Technical Specifications". If you have any questions about the supported platforms, contact Product Support.