Perceptive Content

Release Notes

Version: 7.3

Written by: Product Knowledge, R&D
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Hyland™

Table of Contents

Overview

Perceptive Content 7.3.x contains new features, product and platform enhancements, and updates. New features introduce the new functionality available in your Perceptive Content 7.3 system. Product enhancements provide an overview of the enhancements made to existing features. Platform enhancements provide an overview of the enhancements made to existing development tools, such as iScript. Patch releases specify the enhancements, both product and platform, and updates for each monthly patch.

A major or minor release, consistent with the versioning standard of *major.minor.incremental.build*, occurs approximately every eighteen months. An incremental release of Perceptive Content occurs each calendar quarter. Build releases, also known as patch releases, are posted each month.

Perceptive Content 7.3.0.584 Release (July 10, 2023)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client

Perceptive Content Client

- Resolved an issue with the LearnMode script AppGetTree() function not working correctly with Google Chrome versions 114 and later. (PER-8653)

Perceptive Content 7.3.0.xxx Release (March 10, 2022)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

All Patched Products

- Updated the code signing certificate for Windows applications and WebNow. (PER-6991)

Perceptive Content 7.3.0.567 Release (December 10, 2021)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client

Perceptive Content Client

- Resolved an issue where creating a filter with a time constraint during Daylight Savings Time could cause the Time value to change back one hour. (PC-90356)

Perceptive Content 7.3.0.558 Release (February 10, 2021)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Integration Server

Perceptive Content Server

- Resolved a performance issue in Integration Server when reading temporary files that are written if an uploaded file exceeds the stream.cutoff.size setting. (PC-89739)

Perceptive Content 7.3.0.549 Release (December 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server

Perceptive Content Server

- Improve hardware licensing support for UEFI and SMBIOS3 Linux environments. (PC-89715)

Perceptive Content 7.3.0.544 Release (November 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server

Perceptive Content Server

- Resolved an issue where a user group could be deleted even though it was associated with a custom property. (PC-89343)

Perceptive Content 7.3.0.537 Release (October 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Forms Server

Perceptive Forms Server

- Resolved an issue where Forms Server dialog boxes would become cropped when moving them. (PC-89260)

Perceptive Content 7.3.0.532 Release (September 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Output Agent
- Perceptive Content Server

All Perceptive Content Agents

- Resolved an issue where Amazon S3 OSM plugin used incorrect server hostname when verifying TLS certificates. (PC-89525)

Perceptive Content Output Agent

- Resolved an issue where annotations were incorrectly formatted when using Output Agent to export a document from Perceptive Content. (PC-89082)
- Added a new option, Clientview, for the output.mode setting in the [General] group of the inserverOutput.ini configuration file. This setting allows files exported via Output Agent to more closely match what is produced when exporting from the Perceptive Content desktop client. (PC-89082)

Perceptive Content Server

- Resolved an issue where searching for string custom properties using `is blank` and `is not blank` operators returned incorrect results. (PC-89356)

Perceptive Content 7.3.0.521 Release (August 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Recognition Agent

All Perceptive Content Agents

- Resolved an issue in iScript sedbc ODBC library which could result in an agent crash when using Oracle Datadirect drivers on Linux and a stored procedure is executed using an invalid SQL statement. (PC-88496)

- Resolved an issue on Linux where reading XML files in iScript using the inxml library could result in data corruption. (PC-89360)

Perceptive Recognition Agent

- Revised iScript error messages. For more information, see the inow.ini [iScript] settings topic of the Manage Content help. (PC-89248)

- Updated the underlying iScript string methods for non-Unicode agents. (PC-89360)

Perceptive Content 7.3.0.509 Release (July 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content OSM Agent
- Perceptive Content Server
- Perceptive Forms Server
- Perceptive Integration Server

All Perceptive Content Agents

- Resolved an issue where database connectivity issues could result in an agent crash. (PC-89362)

- Resolved an issue where search parameters containing double hyphens would cause an error. (PC-89173)

- Improved handling for database error 08S01 "Communication link failure". (PC-89327)

Perceptive Content OSM Agent

- Resolved an issue where database errors could result in an agent crash while triggering recovery. (PC-89362)

Perceptive Content Server

- Resolved potential cross-site scripting vulnerabilities in Perceptive Forms Server. (PC-89244, PC-89245, and PC-89246)

- Revised iScript error messages. For more information, see the inow.ini [iScript] settings topic of the Manage Content help. (PC-89248)

Forms Server

- Resolved potential cross-site scripting vulnerabilities in Perceptive Forms Server. (PC-89244, PC-89245, and PC-89246)

Integration Server

- Resolved potential cross-site scripting vulnerabilities in Perceptive Forms Server. (PC-89244, PC-89245, and PC-89246)

Perceptive Content 7.3.0.500 Release (June 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server

Perceptive Content Server

- Resolved an issue where database connectivity issues could result in a server crash. (PC-89348)

Perceptive Content 7.3.0.494 Release (May 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client

All Perceptive Content Agents

- Improved database transaction error handling. (PC-89119)
- Improved handling for Oracle error HY000 -5 "Unexpected Network Error". (PC-88808)
- Limited number of retries when database lock timeout occurs. (PC-89265)

Perceptive Content Client

- Resolved an issue where typeahead search functionality would not work correctly when routing an item in workflow. (PC-89210)
- Resolved an issue where the client could terminate unexpectedly when opening a workflow item. (PC-89126)
- Resolved an issue in the client where multiple pages exported to a single PDF file were distorted due to different page sizes. (PC-89108)

Perceptive Content 7.3.0.479 Release (April 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server

All Released Products

- Updated the code signing certificate for Windows applications and WebNow. (PC-89088)

Perceptive Content Server

- Resolved an issue where audit files could have invalid XML content. (PC-88480)

Perceptive Content 7.3.0.471 Release (March 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server
- Perceptive Integration Server

All Perceptive Content Agents

- Perceptive Content Database now supports Oracle 18c and 19c. (PC-88430)
- Perceptive Content now supports RabbitMQ version 3.8. (PC-89085)

Perceptive Content Server

- Resolved an issue where the intool `db-schema-validation` command did not correctly identify invisible indexes on Orace database versions 18c and 19c. (PC-88430)

Perceptive Integration Server

- A new setting, session.cookie.samesite.policy, was added to the [General] section of the integrationserver.ini configuration file. For more information, see the "Appendix A; integrationserver.ini file options" section of the Perceptive Integration Server Installation Guide. (PC-89087)

Perceptive Content 7.3.0.460 Release (February 10, 2020)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server
- Perceptive Forms Server

All Perceptive Content Agents

- Resolved an issue where installers may not preserve inow.ini settings while performing an upgrade or a clean install when Perceptive Content Server is installed. Updated installers for Fax Agent, File Processing Agent, iConvert Agent, Output Agent, and Perceptive Content Server. (PC-88845)

Perceptive Content Server

- Resolved an issue where socket errors could result in higher CPU utilization on Linux. (PC-88712)

Perceptive Forms Server

Resolved an issue where form data populated by a URL parameter could persist when opening a different form. (PC-88599)

Microsoft 2020 LDAP Advisory

Microsoft 2020 LDAP channel binding and LDAP signing requirements

This requirement applies to the following:

- Perceptive Content Server LDAP Authentication
- Perceptive Content User Replication Agent
- Perceptive Content Management Console LDAP User Import
- Perceptive Content Integration Server X.509 LDAP Authentication

Microsoft plans to release a security update to all Windows versions in March 2020 that requires Lightweight Directory Access Protocol (LDAP) channel binding and LDAP signing. Hyland has reviewed the proposed changes and has identified potential impacts to Perceptive Content. To satisfy the new LDAP signing requirements, Perceptive Content LDAP configurations must support SSL/TLS and bind on port 636. LDAP configurations that do not leverage SSL/TLS and bind on port 389 will no longer work when Microsoft releases the LDAP security update in March. Hyland recommends that System Administrators review Microsoft Security Advisory ADV190023 and ensure that their Perceptive Content LDAP configurations are configured to use SSL/TLS. For any assistance needed relating to Perceptive Content LDAP configurations please contact Hyland Global Support.

For more information, see the following blog post on Hyland Community.

https://community.hyland.com/en/blog/posts/72137-2020-ldap-channel-binding-and-ldap-signing-requirement-for-window

Perceptive Content 7.3.0.444 Release (December 10, 2019)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client
- Perceptive Content Integration Server
- Perceptive Content Local Agent
- Perceptive Content Server
- Perceptive Content User Replication Agent

All patched products

- Updated timestamping authority for signed Perceptive Content Windows applications and Java clients. (PC-88720)

All Perceptive Content Agents

- Agents now properly escape ODBC connection strings when making database connections. (PC-88691)

Perceptive Content Client

- Resolved an issue where the client would incorrectly display the toolbar after logging in. (PC-88620)

Perceptive Content Integration Server

- Adding settings to control File Conversion Service connection pool and connection pool lifetimes. (PC-88704)

Perceptive Content Server

- Optimized server call that was invoked on user login to prevent client-side timeout when user has permissions to view a large number of views. (TFS77734)
- A new setting, init.cache.vsl.rules.for.views, was added to the [General] section of the inserver.ini configuration file. For more information, see the "inserver.ini [General] settings topic of the Manage Content help. (TFS77734)
- Added new settings for performance improvements when Perceptive Content agents are using an Oracle database. For more information, see the "inow.ini [ODBC]" settings topic of the Manage Content help. (PC-88761)
- Added configuration settings for reusing connections when database errors occur. (PC-88704)
- Improved database query performance when resolving global privileges for users. (PC-88704)
- Improved a database query for monitoring connections so that it can better leverage custom indexes. (PC-88704)
- Perceptive Content Server now supports Oracle 12c R2 (12.2.0.1).

Perceptive Content User Replication Agent

- Resolved an issue where User Replication Agent would unexpectedly terminated when running as a remote agent. (PC-88686)

Perceptive Content 7.3.0.424 Release (November 10, 2019)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client

Perceptive Content Client

- Resolved an issue with zoom regions not working in the client. (PC-88638)
- Resolved an issue with the font type and size not setting correctly in the Viewer options. (PC-88596)
- Resolved an issue where completed tasks were not displaying in the view results. (PC-88560)

Perceptive Content 7.3.0.408 and 7.3.0.411 Release (October 10, 2019)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Business Insight
- Perceptive Content Server
- WebNow

Business Insight

- Added a new form, eForm Group Security, that allows you to view the privileges granted to group members for an eForm. (PC-88510)
- Added a new form, eForm User Security, that allows you to view the privileges granted to a user for an eForm. (PC-88510)

Perceptive Content Server

- Resolved an issue where characters were being interpreted as wildcards in certain VSL query statements. (PC-73548)

WebNow

- Resolved an issue where the system would save eForm data to the wrong document after a previous eForm was opened. (PC-88517)

Perceptive Content 7.3.0.401 Release (September 10, 2019)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content
- Perceptive Content Client
- Perceptive Content Server
- Perceptive Recognition Agent

Perceptive Content

- Resolved an issue where iScript would return corrupted form data if it contained an asterisk. This issue affected Perceptive Forms Server and Perceptive Experience. (PC-87051)

Perceptive Content Client

- Resolved issue where a trailing space on doc key entry would prevent updates from being saved in a workflow context. (PC-88479)

Perceptive Content Server

- Resolved an issue in workflow where custom properties could not be modified after being saved. (PC-73863)

Perceptive Recognition Agent

- Resolved an issue where Perceptive Recognition Agent would unexpectedly close when processing 0kb files. (PC-88394)

Perceptive Content 7.3.0.386 Release (August 10, 2019)

The following components are included in this month's patch.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server

Perceptive Content Server

- Resolved an issue where license renewal could result in query timeouts when running in an active-active environment. (PC-88202)

Perceptive Content 7.3.0.375 Release (June 19, 2019)

The following enhancements and updates are included in the initial release of Perceptive Content 7.3.x.

Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Business Insight
- Perceptive Content Client
- Perceptive Content Integration Server
- Perceptive Content Server

Perceptive Business Insight

- Business Insight now supports Oracle 12c R2. (PC-87821)
- Business Insight now supports TLS (Transport Layer Security) 1.2. (PC-87822)
- Added a new Business Insight report that list the extensions for all OSM files in the Perceptive Content environment. (PC-88052)
- Performed minor updates and enhancements with existing Business Insight reports. (PC-88107)

Perceptive Content Client

- Removed Java Access Bridge from the Perceptive Content installer. You must pre-install Java Access Bridge on the consumer's system to use Java Learnmode integration. (PC-87982)
- Replaced the JABInstaller executable with JABConfigurationTool for configuring Java Access Bridge at installation and run time. (PC-87982)
- Resolved an issue where the client would unexpectedly close because of an invalid formula in captured Excel files. (PC-87904)
- Updated KeyView to deploy into the 32-bit **Common Files** folder that all Perceptive Content components consume. (PC-87904)

Perceptive Content Integration Server

- When Perceptive Content Client requests certain resources from Perceptive Content Integration Server, the server now returns the privileges the client has on that resource. This update allows Perceptive Experience to dynamically enable or disable buttons and controls based on the user's privileges. (PC-57209)

Perceptive Content Server

- Perceptive Content Server now supports Windows Server 2019. (PC-87851)
- Perceptive Content Server now supports 64-bit Linux. (PC-86751)

- Perceptive Content Server now supports native Oracle and SQLServer drivers. For more information, see the Perceptive Content Technical Specifications Guide. (PC-57236)

- Updated Perceptive Content components to consume Microsoft C++ Rest SDK 2.10. This ensures TLS 1.1 and TLS 1.2 protocols are possible when performing REST calls on older versions of Windows. (PC-87976)

- Resolved an issue where symbolic links in Linux Perceptive Content distribution would break when performing an upgrade to Perceptive Content 7.2.3. (PC-88149)