



**BPA**  
Platform

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# BPA Platform 2020

## Update 1

### Release Notes

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## Revision History

<b>Date</b>	<b>Name</b>	<b>Version</b>	<b>Comments</b>
25 <sup>th</sup> August 2020	Samantha Nair	0.1	Initial draft
22 <sup>nd</sup> September 2020	Samantha Nair	1.0	Released version

# Introduction

## Purpose of the Document

To describe the new functionality and any resolved issues in this release.

## Build Information

This release — BPA Platform 2020 Update 1 Build 6466 — is a full release of BPA Platform (formerly “TaskCentre”). All components have the version number 6.0.6466.0.

## Upgrade Considerations

**IMPORTANT:** Due to the number of new features in this release, you must upgrade your BPA Platform server instance first before attempting to upgrade any remote clients or agents. This reduces interruption to any runtime activity and the communication between server and remote client or agent.

You can no longer use a client running this version or higher to access a BPA Platform server running a lower version. Ensure all instances of BPA Platform (server, client, **Email Trigger (SMTP) Agent**, **Microsoft SQL Trigger Agent**, and **Workflow** components) are upgraded to this release to make use of all available features.

## New Features — Client

The following features have been added to the redesigned BPA Platform client (unless explicitly stated, these features have not been added to the Classic client):

### Ability to Add Global Configuration from Step View

You can now create any required global configurations at the point of task creation rather than before. When the tool is added to the task design area, you are advised no connections exist and prompted whether to create one. Selecting **No** returns you to the task design. Selecting **Yes** opens the global configuration window. Once completed, the step configuration for that tool opens immediately.

### Connection Licensing Added to ODBC, OLEDB, HANA, SAP Business One, and Web Service Connector Tools

**NOTE:** This feature is applicable to both the new and Classic client.

At the time of release, affected versions of the listed tools are:

- ▶ **Call Stored Procedure (OLEDB)** version (BPA Platform) 2020 Update 1 onwards
- ▶ **Database Query (ODBC)** version (BPA Platform) 2020 Update 1 onwards
- ▶ **Database Query (OLEDB)** version (BPA Platform) 2020 Update 1 onwards
- ▶ **HANA Connector** version 1.0 onwards
- ▶ **SAP Business One (DIAPI) Integration Connector** version 3.2 onwards
- ▶ **SAP Business One (SL) Integration Connector** version 3.2 onwards
- ▶ **Web Service Connector** version 1.12 onwards

The number of global connections allowed for the tools listed above can now be licenced where required. Where a tool has a licence restriction, creating a global connection does not change until an attempt is made to create one that takes it over the maximum limit — a warning is then displayed when the **Add** or **New** button is clicked.

Opening a tool entry in the **Licensing** window displays how many connections are licensed and how many have been used up so far.

**NOTE:** Existing installations where the number of connections was not licensed are unaffected. For new installations, all tools have unlimited connections until the maximum connections license has been applied. If you are unsure about the type of BPA Platform licence you have, contact your Codeless Platforms partner or account manager.

### Duplicate Tasks in the Same Folder

The **Copy** option in the task's right-click menu now reads as **Create Duplicate**. This better reflects the job it does.

## Event Log Improvements

The following improvements have been made to the Event Log:

- ▶ Can now refresh the current view using **F5** as well as using the existing **Refresh** button
- ▶ Addition of **Copy to Clipboard** functionality when viewing **Event Properties**
- ▶ Addition of **Save Filters** functionality which remembers the current applied filter even after logging out and closing the client

## Importing Tasks Improvements

You can now import tasks into a “client-only” instance of BPA Platform. The tasks are synchronised with the BPA Platform server.

## Licensing Operations Added to BPA Platform Client

The ability to view and update your BPA Platform licence is now available in the new client.

## Login Window Improvements

The following improvements have been made to the login window:

- ▶ The cached hostname or IP address (**Server** drop-down) can be deleted before logging in
- ▶ Caps Lock notifications when entering the password

## Maintenance Operations Added to BPA Platform Client

The ability to manually start the maintenance cycle is now available in the new client.

## Message Dialog Improvements

Message dialogs, such as action confirmations, have been brought in line with the client redesign.

## Performance Improvements to BPA Platform Client

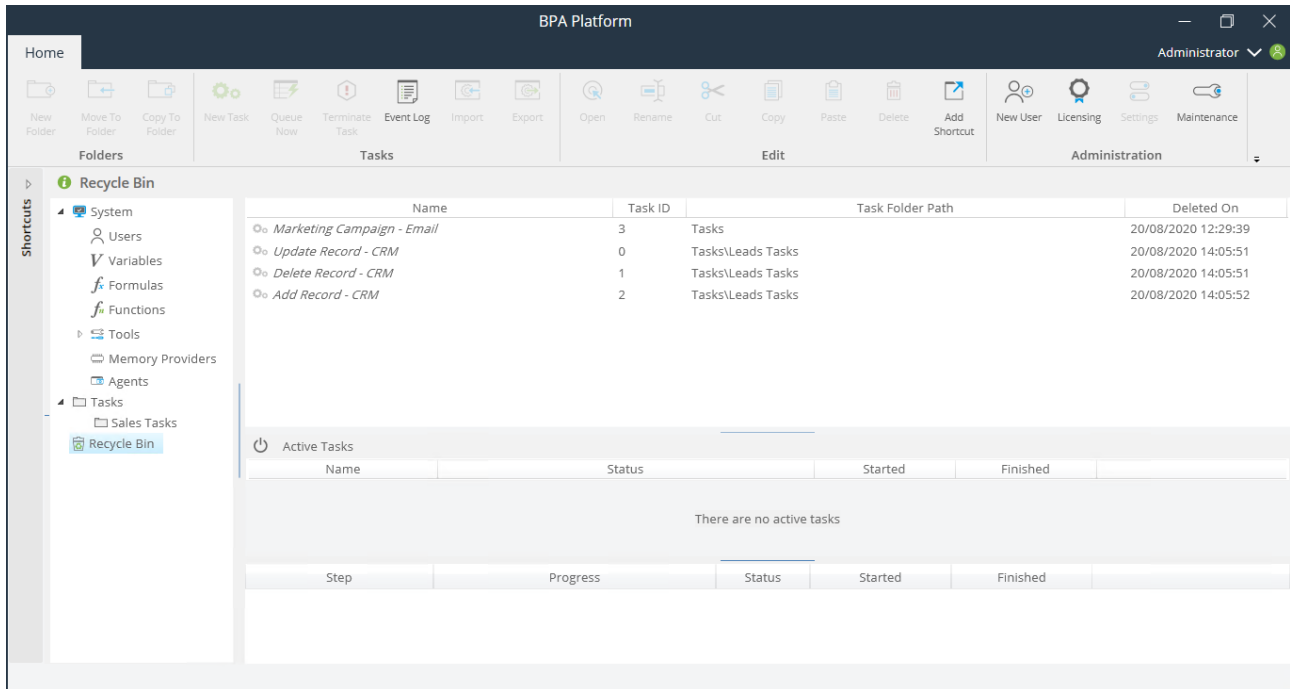
The following improvements have been made to the BPA Platform client in this release:

- ▶ Client interface load time improved
- ▶ Task folder navigation response time improved
- ▶ Existing task design opening times improved
- ▶ Task save times improved
- ▶ Corrected the memory leak caused by opening and closing many tasks over a short period of time



## Recycle Bin Facility Added to BPA Platform Client

A recycle bin has been added to the client — located under **Tasks** in the resources tree:



You can now choose whether tasks are permanently deleted (**SHIFT+DEL**) or sent to the recycle bin as a “soft delete” — the methods of deleting tasks has not changed in this release of BPA Platform. Tasks that are sent to the recycle bin are automatically disabled.

**NOTE:** Tasks in the recycle bin still count towards your licensed task limit. If your task limit has been reached and more are needed, either empty the recycle bin or contact your Codeless Platforms partner or account manager.

It should also be noted that tasks in the recycle bin cannot be edited or exported.

Task folders are still permanently deleted but their tasks are sent to the recycle bin.

To delete all tasks in the recycle bin, right-click the bin and select **Empty Recycle Bin**.

You can restore deleted tasks from the recycle bin — right-click the task and select **Restore**. It should be noted however that their original parent folder is not restored at the same time. When restoring, you must select the folder to restore to — you cannot create new folders when restoring tasks; the folder structure must exist before beginning the restore procedure.

All remote clients must be upgraded for optimal user experience. Clients not running BPA Platform 2020 Update 1 or above do not have access to the recycle bin. Tasks deleted from older versioned clients are permanently deleted, not sent to the recycle bin.

## Renaming Tasks and Folders

Using **F2** to rename tasks and folders is now included in this release.

## Sorting Tasks and Task Folders

The task list can now be sorted by:

- ▶ Name
- ▶ Task ID (folders are not included when this sort option is selected)
- ▶ Last Run [time]
- ▶ Last Run Status
- ▶ Owner

Note that the folders and tasks listing is never merged. Like the functionality in Windows Explorer, even when sorted by one of the options above, the folder list always appears first with the tasks immediately after.

Click the appropriate label in the items list.

### *Active Tasks Sorting*

The Active Task and Active Step panes are now sortable as per the task list:

- ▶ Active Tasks pane, sort by
  - Name
  - Status
  - Started
- ▶ Active Step pane, sort by
  - Step
  - Progress
  - Status
  - Started

## Step Connection Labelling

Double-clicking the connection between two task steps (excluding those starting at a Decision step) now allows a bespoke label to be added, up to a maximum of 100 characters. This field is just for text; you cannot use variables, formulas, functions, or any other Task Browser property in the label area.

**NOTE:** Step connection labels do not show in the Classic client when viewing the same task.

## Task Design Improvements

The following improvements have been made to the task **Design** view:

### **Task Browser Improvements**

You can now use the **DEL** key to permanently delete steps from the Task Browser.

### **Task View Options Improvements**

- ▶ Where **Fit** and **Zoom** have been used to see the whole task prior to opening a step, this view now persists when the step is closed
- ▶ You can now use the **ESC** key to close a task; you are still prompted to save
- ▶ Step positioning has been improved in situations where the zoom level has changed or the grid view changed from the default position
- ▶ Task steps are placed the same grid location as to where the mouse-off event occurs when dragging the tool from the Task Browser

## User Account Improvements

The following improvements have been added to user account operations:

- ▶ Caps Lock notifications when creating or changing passwords for BPA Platform accounts
- ▶ Duplicate accounts where different case is used to make the username unique, that is, *Administrator* and *administrator*, are no longer allowed

## The Classic Client

The original client is still installed alongside the new client, having been rebranded the “Classic” client in BPA Platform 2020. Note that for this release of BPA Platform, should you need to do any of the following, you must use the Classic client:

- ▶ Edit any repositories
- ▶ Set BPA Platform’s global options
- ▶ Set task folder permissions
- ▶ Set tool permissions locally on the tool itself
- ▶ Import BPA Platform Solution files

Any other settings or tasks created in one client are completely replicated and accessible in the other, except for the recycle bin and step connection labels which are only available in the new client.

## New Features — Tools

The following features have been added to the BPA Platform tools:

### Applications Platform Connector Timeouts

You can control how long the Connector waits for the Applications Platform tenant to complete processing a request — **Custom time out** parameter (in minutes) in the **Server** tab of the global configuration.

### Decision Tool Branch Names

The **Branch Name** field of the **Decision** tool has been increased in the new client to 128 characters to match that found in the Classic client.

### Using Variables for Validation Error File Paths in Import Flat File

You can now drag variables from the Task Browser to create the file path for the validation error file (**Options** tab > **Validate complete file and write all errors to error file at:**). You can use the variables to form all or part of the file path. Both global and task variables are allowed. For example:

- ▶ `{=System.Variables("GlobalVariable")}\IFF\Errors`
- ▶ `C:\IFF\{=Variables("TaskVariable")}`
- ▶ `{=System.Variables("GlobalVariable")}\IFF\{=Variables("TaskVariable")}`

## Removed Features

None.

## Resolved Issues

The following tickets have been resolved in this release of BPA Platform:

### Applications Platform Connector

Issue No.	Description
99579	Enable custom timeouts for Applications Platform tenant connections.

### Call Stored Procedure (OLEDB)

Issue No.	Description
100720	Corrected behaviour when using multiple stored procedures with the same name but different schemas.
101114	Corrected client behaviour when selecting a stored procedure with parameters (Internal store only).
101236	Correct the error seen in the <b>Recordset</b> tab when providing example parameter values for the recordset structure.

### Call Stored Procedure Memory

Issue No.	Description
100327	Ensure schema name persists during runtime when Use Schemas is enabled. (CUST: #100305)

### Client

Issue No.	Description
7054	Client refresh — Add ability to sort task list view.
52887	Client refresh — Add ability to sort folders in task list view.
53985	Client refresh — Global variables view corrected to show “Encrypted” variable types.
57606	Client refresh — Tasks added to task list in alphabetical Name order by default.
83603	Client refresh — Ensure shortcut icons persist after installation of a tool pack.
85829	Client refresh — Improve responsiveness and speed of navigation in the client.
87139	Improve Event Log entries when a task or task step fails to initialise. (CUST: #44863)
100346	Corrected Event Log entry from “BPA Platform Server” to task name when deleting tasks.
100388	Prevent duplicate task names that only differ by case.

Issue No.	Description
100858	Update national holidays to include 2021 dates.
100906	Corrected behaviour when opening and saving a copied task. (CUST: #100887)
102405	Corrected client behaviour when logged into Windows with a non-Administrator account.

## Configurator

Issue No.	Description
85510	Change mention of "myBPAPLatform" to "workflow" to match installation components.
84428	Change "Tool Specific" label to read "Tool Specific (Optional)".

## Database Query (ODBC)

Issue No.	Description
100267	Add ability to licence number of connections.

## Database Query (OLEDB)

Issue No.	Description
100267	Add ability to licence number of connections.

## File Management

Issue No.	Description
87194	Persist the custom port numbers used in global FTP connections after saving and closing the global configuration window.

## Format as HTML Pro

Issue No.	Description
100993	Corrected behaviour when consuming multiple <b>Filter Data</b> steps. (CUST: #100981)

## Import Flat File

Issue No.	Description
97656	Corrected behaviour when typing in a variable to the front of the file path for validation errors file ( <b>Options</b> tab > <b>Validate complete file and write all errors to error file at</b> ). (CUST: #97656)
100427	Add ability to drag global and task variables from the Task Browser to form the file path for validation errors ( <b>Options</b> tab > <b>Validate complete file and write all errors to error file at</b> ).

## Installer

Issue No.	Description
100253	Resolve unhandled exception caused by leaving the Installation Console open for long periods of time before attempting an installation, remove, repair, or upgrade action.

## Parse Text

Issue No.	Description
93251	Adjust product help to emphasise that the order of the parse rules matters.

## Run Microsoft Reporting Services

Issue No.	Description
97695	Ensure that after importing tasks that have the same name as an existing global configuration, the global connection is picked up at task runtime. (CUST: #97682)
100713	Reset TLS flag in <b>Run Microsoft Reporting Services</b> to <b>Send Email (SMTP)</b> task flows where the <b>Send Email (SMTP)</b> step fails.

## Scheduler

Issue No.	Description
88042	Correct misleading label for time zone management.

## Server

Issue No.	Description
101062	Correct store handles leak when opening multiple tasks in the new client. (CUST: #101029)



## Store

<b>Issue No.</b>	<b>Description</b>
99588	Ensure maintenance failures are logged to the Event Log.
100844	Ensure "Audit" type messages are purged from the Event Log during maintenance (Internal store only).

## Tool Stub

<b>Issue No.</b>	<b>Description</b>
101116	Corrected behaviour when dragging variables to beginning of fields that have existing data.

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