

# WEBCON BPS 2020.1

## history of changes for version 2020.1.2.134

### Before upgrading WEBCON BPS

Make sure that WEBCON BPS licenses are up to date. It is recommended to refresh licenses before upgrading the system to avoid any unnecessary downtime.

If the changelog contains a section titled "Changes to existing features", please verify whether the changes will impact your implemented system in any way.

### Changes to existing features

#### **[General]**

Due to security concerns, excess information regarding environment technologies has been pruned from HTTP response headers.

Due to security concerns, detailed information regarding errors will now be hidden. The end-user will see the error's GUID only.

Due to privacy changes introduced in Chrome 80, we have limited the ability to use embedded views. Embedded views will only work in scenarios where WEBCON BPS Portal is configured using HTTPS communication. For HTTP communication embedded views will not be available.

The WEBCON BPS system will now require .NET Framework 4.71 or higher starting with WEBCON BPS version 2020.1.2

The WEBCON BPS system will now require Microsoft SQL Server 2012 or higher starting with WEBCON BPS version 2020.1.2

**[Modern form]**

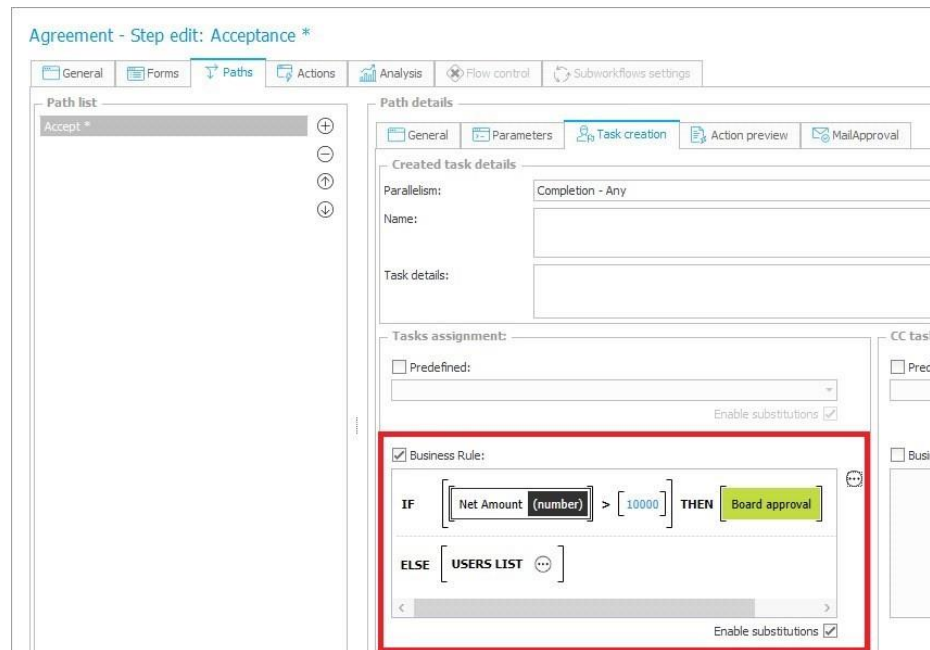
The system field "Task details" will always be seen at the top of the form in compact mode.

Changed the behavior choice fields with the option of selecting multiple values. From now on, values selected by the user will appear within the control - in the previous version they would appear in the vicinity of the control in small rectangles.

## New features

**[General]**

It is now possible to use business rules to designate users in the configuration of task assignment actions, and also on task assignment configured on path transition. Due to this change, during the update process, any existing task assignment configurations based on SQL queries and "Always to" parameters will be moved inside an analogous business rule.



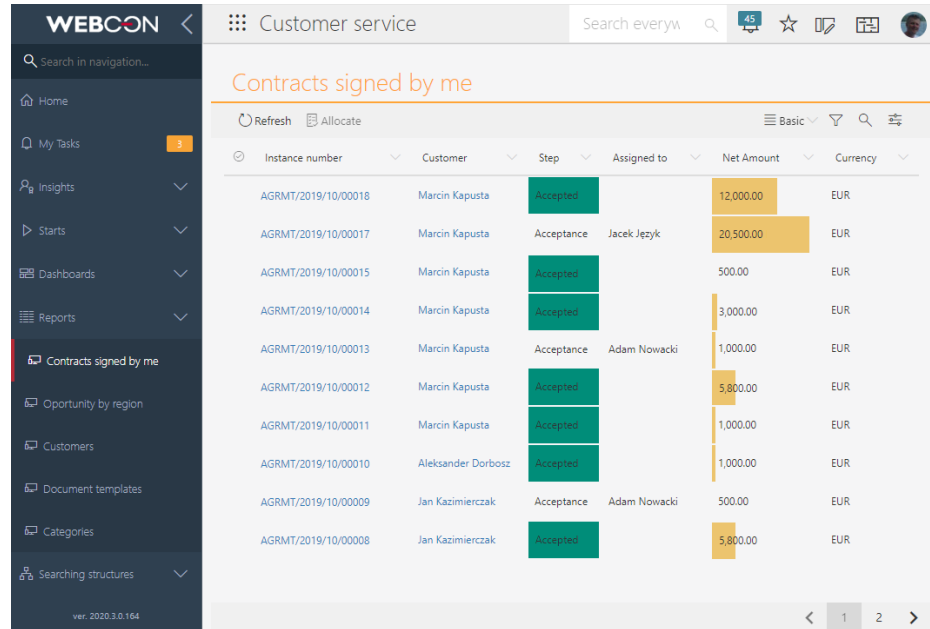
SQL COMMAND and DATASOURCE VALUE functions in business rules can now return a collection of values. Once the 'Return values from all rows' option has been enabled in the function configuration, it will return all values from the column separated by a semicolon e.g.: Value1;Value2;Value3

It is now possible to log out of WEBCON BPS Portal via Windows authentication. This feature requires an installation using HTTPS.

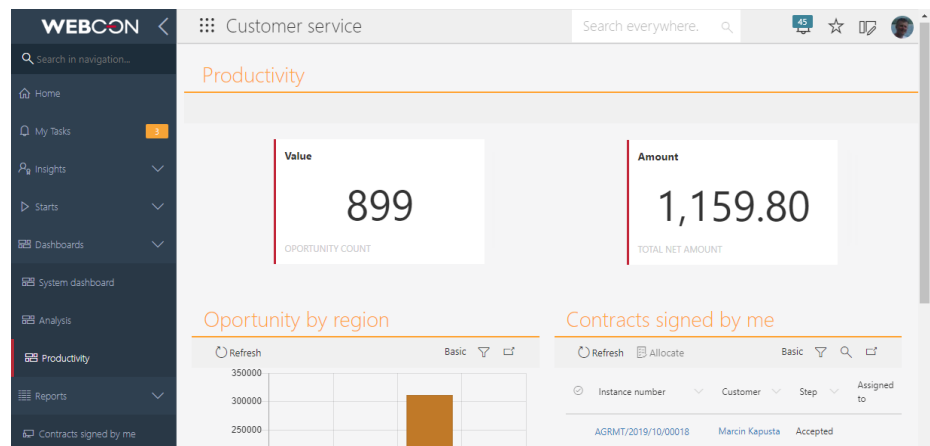
**[Portal]**

This feature is not available in Internet Explorer browsers if the environment is configured to use HTTP.

It is now possible to define the look of report cells. The feature allows the color of the cell to change depending on the value. The configuration is found in each view.



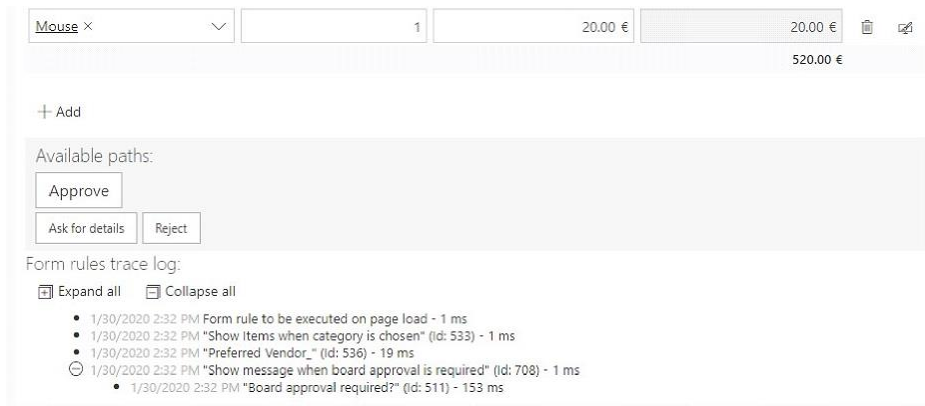
You can now modify the look of the Report Tile widget that can be embedded on dashboards. There are 4 predefined design templates that can be used to adjust the size, layout, and font of the Report Tile. Numerical values can now also be displayed as currencies with specified precision.



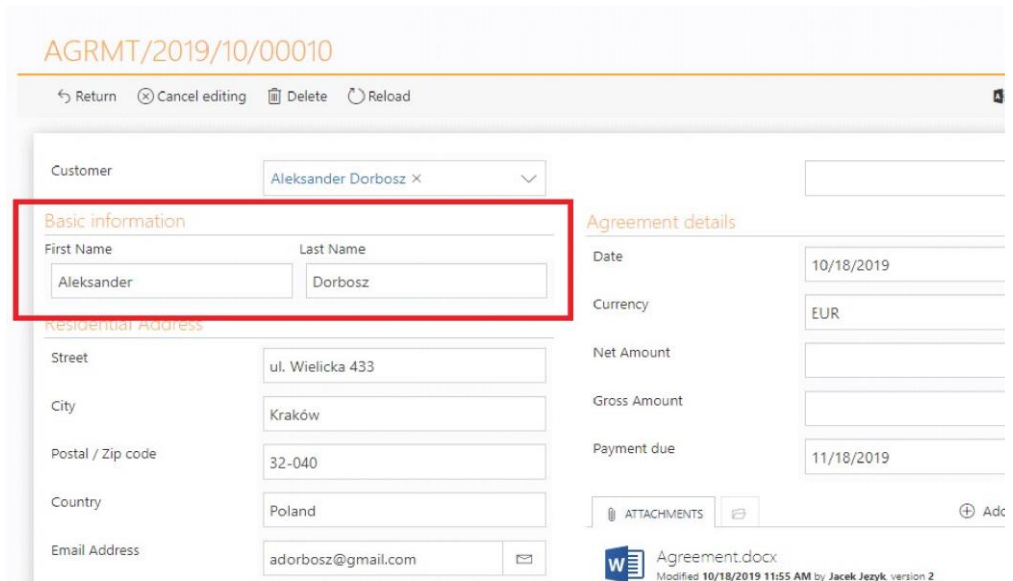
Portal dashboards now have a new HTML widget which can be used to place any HTML code on the dashboard.

**[Modern form]**

It is now possible to view a log of all form rules executed on a form. To view the log add the DEBUG=1 flag in the address of the form you are viewing.

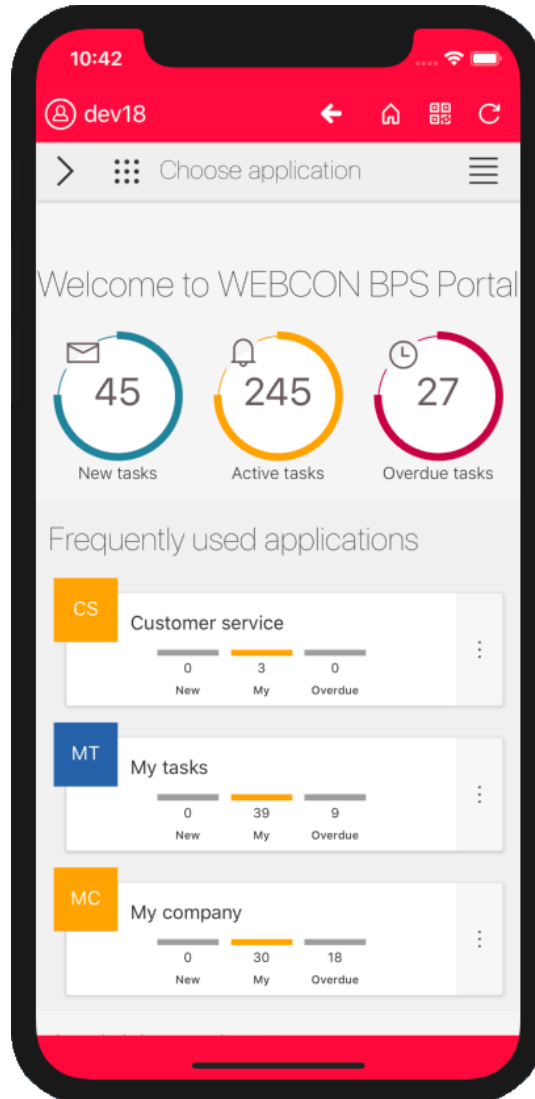


It is now possible to orient form fields horizontally within a group. The option to switch between orientation is found in the 'Advanced configuration' of the group. Horizontal groups are limited to three form fields - the option can only be selected when there are 3 or fewer form fields within the group. Horizontal groups will also not work on compact forms, they will be displayed in the standard vertical orientation.



**[Mobile app]**

Added a new design for applications on mobile devices. Starting with version 2020.1.2 the mobile app displays a fully functional embedded WEBCON BPS Portal that can use SOLR search, display application dashboards, and show all types of reports.



## Bug fixes

### [General]

Fixed an error that would occur when loading data from a SharePoint list in cases where the list contained a user or group that wasn't yet synchronized into the WEBCON BPS user list.

Fixed an issue with AD synchronization that would occur if a relation was defined to a non-existing object.

Fixed an issue with validation business rules executed on path transition.

Data row columns on item lists should now be displayed correctly when used in a Portal report.

Fixed an AAD synchronization error that would occur when AAD users were created manually.

Fixed an error that occurred when searching for an instance with Web Part Simple Search.

Fixed an issue causing BPS Search Service to stop abruptly.

**[Portal]**

Fixed an issue that caused workflow instances to be displayed twice on the Portal task list.

Fixed several issues with the behavior of report menus, e.g. the menu should no longer get snipped when the report is embedded on dashboards.

A number of bugs have been fixed and improvements made to WEBCON BPS Portal reports, among others: - Displaying the 'Close' button after transitioning an instance with a quick path - Adding standard filters to dictionary report - Improved data import for document template reports - Displaying translations for report views - Improved layout of action icons - Returning to the report from the form view - Improved employee filtering - Changing the number of rows in the report to 10 - Unavailable configuration of grouping and filtering report views - Error on the report created from WEBCON BPS Designer Studio - Empty values for a currency amount without decimal places - Reports configured to view data from the archive database with limited permissions should now display correctly - Error when trying to search an instance in IE browser - The default setting of 'Active' value = 1 for dictionary processes when importing an Excel file - The empty 'Suggested reports' widget when there is no data

A number of improvements to the appearance and operation of WEBCON BPS Portal have been made. Among others: - Improved font colors for the "Dark" theme - Improved alignment of the "i" description tooltips of form fields - Fixed an error that occurred when importing data from the Excel file to the 'items list' form field - No highlights for the application name in the search panel when navigating using the keyboard - Improved the display of the generated preview of the workflow diagram - Improved data formatting when exporting the contents of a report to excel.

**[Applications]**

You can now use HTML tags in the description of your applications.

**[Modern form]**

Improved the visibility of OCR teaching fields located in groups on the OCR verification step.

Fixed the formatting of long form field names.

Fixed the "ReadOnlyHtml column was modified on item list" exception that occurred on Yes/No columns of Item lists.

A number of improvements to the appearance and operation of the MODERN form have been made. Among others: - Improved quick paths layout in the 'Compact' view - Fixed error that occurred when executing 'Text do decimal' form rules - Returning empty text by the GetValue() function with a value of 0 - Not returning to the report after completing the path - Empty form preview on reports in tile configuration - Form functioning in the embedded view - No possibility to delete an instance for which tasks are completed - Crashing of the form when refreshing the default values - Incorrect size of 'choice field' form type - Improved function of the comma numeric keypad when entering amounts - Improved function of the dictionary-type data sources in the choice fields - Displaying a message about the required value of the form field after changing conditions - No possibility to open the instance history view with more historical versions - Exception when trying to add a new row an item list - Changing the name of the file when adding an attachment using the 'overwrite' option - Previewing the attachment in a new browser tab by clicking the middle mouse button

**[Processes]**

Fixed an issue that would occur when importing a process that contained different translations for transition paths.

Introduced a number of bug fixes to the process configuration and system settings in WEBCON BPS Designer Studio. Among others, the following issues were fixed: - Incorrect cloning of BPS data sources - Deleting instances through administrative tools - Errors relating to the export / import mechanism - AD group synchronization errors placed in the BPS group - Typo corrections in the automatically generated process documentation - No transaction when saving the working days calendar - No support of BPS groups in the "Person or group" form field - Incorrect variable for the Exchange action generated in the 'vacation process' wizard - Saving the configuration of language packs

**[Form fields]**

Using the asterisk "\*" character in choice field filters should no longer cause exceptions.

**[Actions]**

Improved the functioning of the Start a Subworkflow (SQL) action in scenarios where multiple instances traverse a path simultaneously.

Improved instance archiving in scenarios where the instances we wish to archive possess a large number of historical versions.

- [Rules]** Improved the functioning of form rules that reference business rules, which would be incorrectly invoked in some scenarios.  
Improved the business rule editor to better handle the creation of nested rules based on existing rule definitions.
- [Mobile app]** Fixed an issue causing the iOS app to crash when Face ID configuration was enabled.