

WEBCON®

LOW-CODE, BUT BETTER.

WEBCON BPS 2020

Discover the **possibilities** of the latest version!



WEBCON BPS 2020

The 2020 version introduces new functionalities that will further simplify and streamline the experience of developing and using applications based on the WEBCON BPS platform. Discover its key new features!

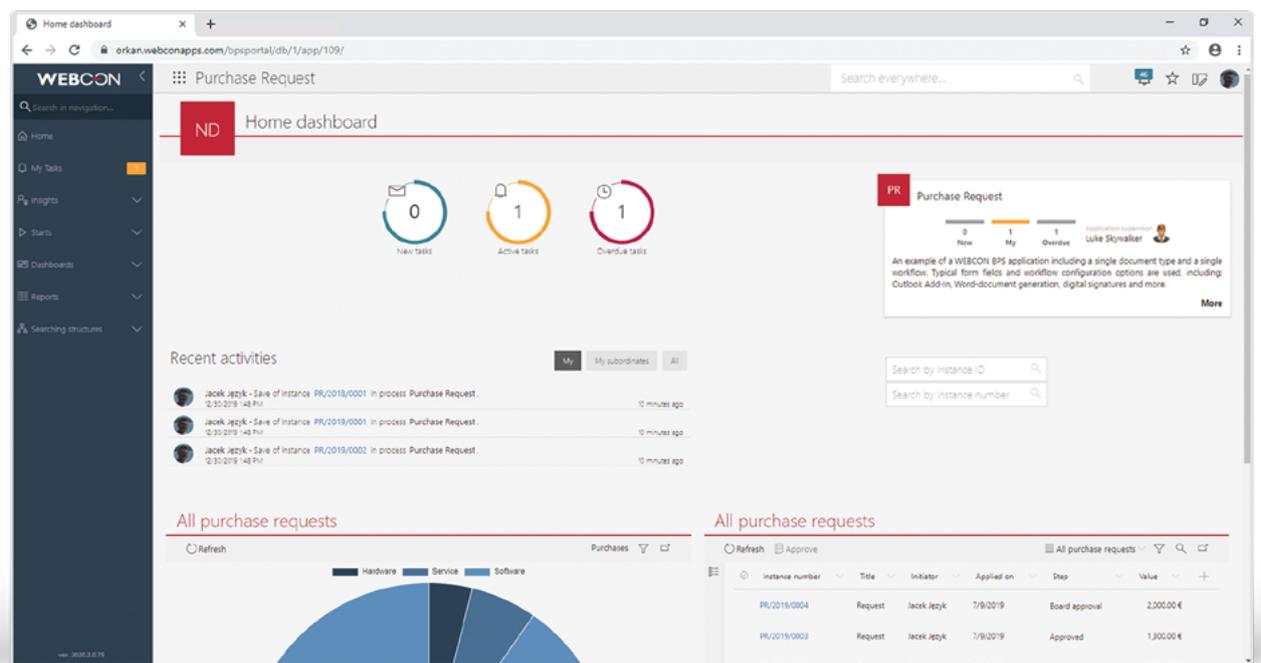
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WEBCON BPS Portal now offers improved ergonomics and new functionalities

WEBCON BPS Portal is a digital user desktop that offers access to all applications, documents and tasks processed in applications developed on the platform.

The 2020 version does much to improve the Portal's ergonomics. In order to respond even better to our users' individual needs, we have introduced a host of quality of life improvements that will give application designers even more say in how to customise their virtual desk. The option to manually sort the order of reports and dashboards, choose a dashboard for the home page of the application, as well as expanded functionalities of the dashboard itself – including new widgets which allow for e.g. embedding a Power BI report – the changes we've introduced provide the user with a complete package of key information for a given process.



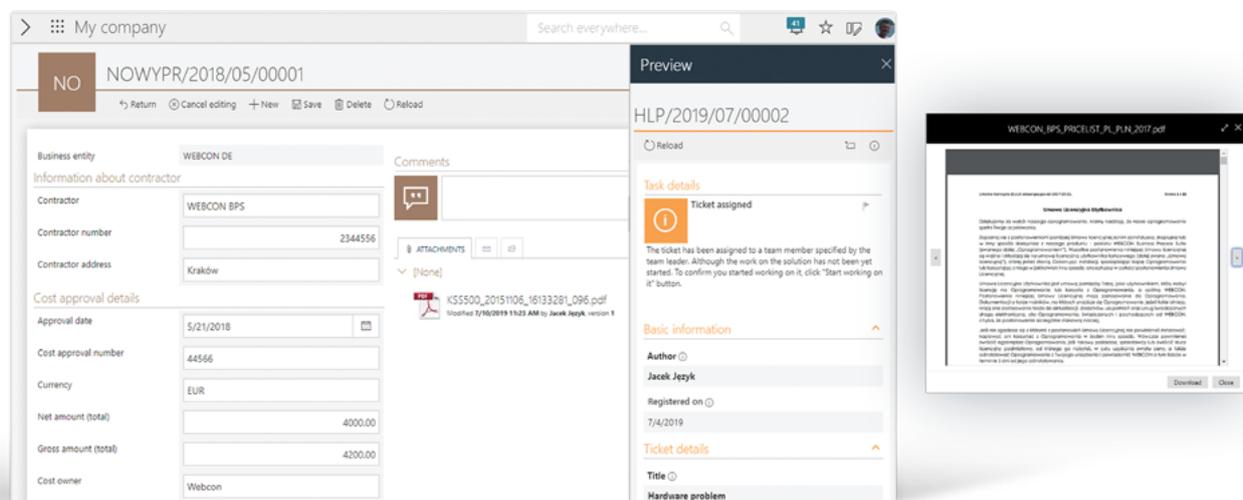
FORMS

New functionalities of forms

The new version improves the ergonomics of using a form. It introduces new icons of tooltips (on-screen tips) for the form fields, adds the possibility for an easier browsing of attachments in the preview window and for downloading them directly from there. There is now the option to add attachments to an instance directly from the system clipboard.

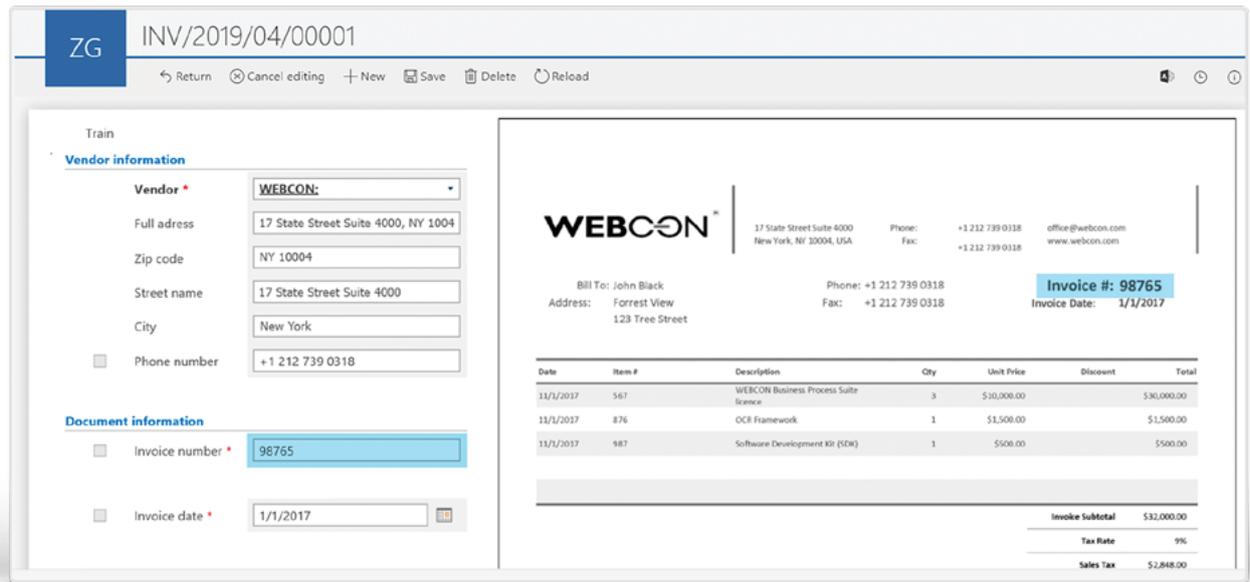
A crucial improvement is the new way of opening forms of related instances – thanks to this, instead of having to open such a form in a new window, the default option will be to view it in the preview panel that slides in from the right-hand side of the screen. This functionality drastically improves the use of applications that involve multiple connected workflows, sub-workflows and form types – as you have a quick overview of data from parent and child workflows without having to flip through multiple tabs.

For Internet Explorer, we've enabled signing Word, Excel and PDF attachments with digital signatures – certificates from the central certificate store of the Windows operating system.



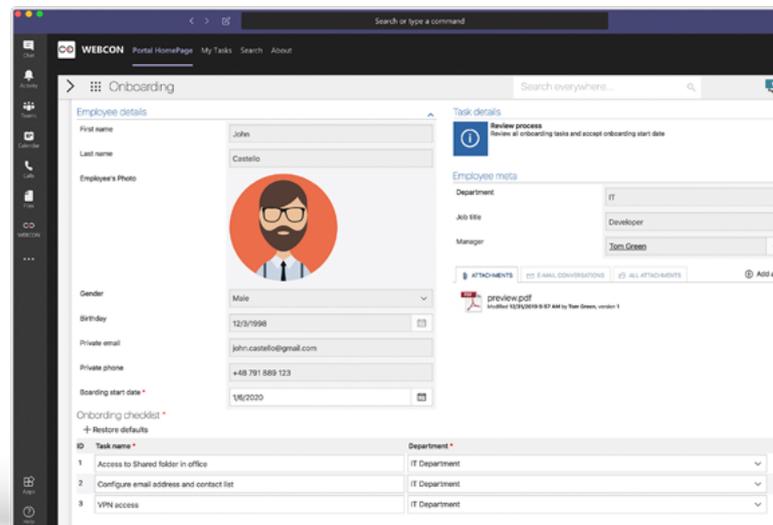
OCR verification view

The 2020 version adds the OCR verification view for the Modern form – this means that the verification mode is now available for environments that operate based on Microsoft SharePoint as well as standalone installations.



WEBCON BPS in Microsoft Teams

Now you can access WEBCON BPS from Microsoft Teams! By installing the extension you can take selected elements of the apps developed in WEBCON BPS and drop them in the chat window and in groups. Pinning a specific workflow instance form, report, dashboard, task list or an entire application allows for displaying these elements without having to exit Teams.



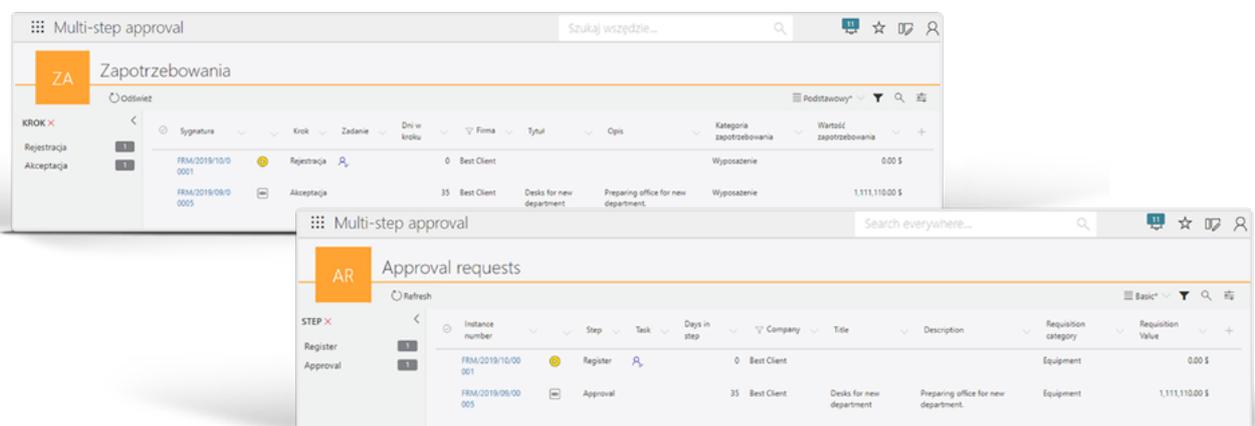
WEBCON BPS in Outlook Online & Outlook for MacOS

The new version of the extension for Outlook will also allow the users of Outlook 365 client, the users of Outlook for MacOS, as well as the users of Outlook's mobile version to display details of a workflow instance related to an e-mail, edit the form, execute actions or choose available transition paths (e.g. approval).

Multiple languages of forms and workflow

WEBCON BPS 2020 introduces further changes and improvements in the multilingualism of forms and document workflows. These changes make the platform much easier to use in multinational organisations that conduct their businesses in multiple languages. The interface of the 2020 version is available in 6 languages: Polish, English, German, French, Russian and Italian. In addition, the interface translation tool in the form of an online application now allows our customers and partners to modify existing language versions of the system and create new ones. Once they are ready, versions created in such a way can be used immediately in WEBCON BPS 2020 – with no interaction with WEBCON required.

The new version introduces changes to the interface of multilingual choice fields, facilitating their configuration. With decimal fields, it is now possible to set automatic display of decimal and thousands separators appropriate for the language in which the user is viewing their interface. Generating Word documents has also been modified so as to manage this action better.



AI in WEBCON BPS 2020

The 2020 version expands the degree to which the system relies on AI. It now offers two new views under the 'Insights' panel.

Anomalies view uses AI algorithms to indicate such workflow instances (documents in workflow) for which approval process deviates from typical operation. For example, the system picks out:

- leave requests submitted after the leave date or where leave periods are exceptionally long,
- invoices with value considerably deviating from values typically found in an organisation's given department,
- agreements that are sent unusually frequently between the stages of negotiation and in production of changes.

The view of suggested elements directs the users' attention e.g. to workflow instances that:

- were started or approved by close co-workers,
- were started by the user and have been recently approved,
- are part of the user's frequently used applications,
- feature a form field that references the user.

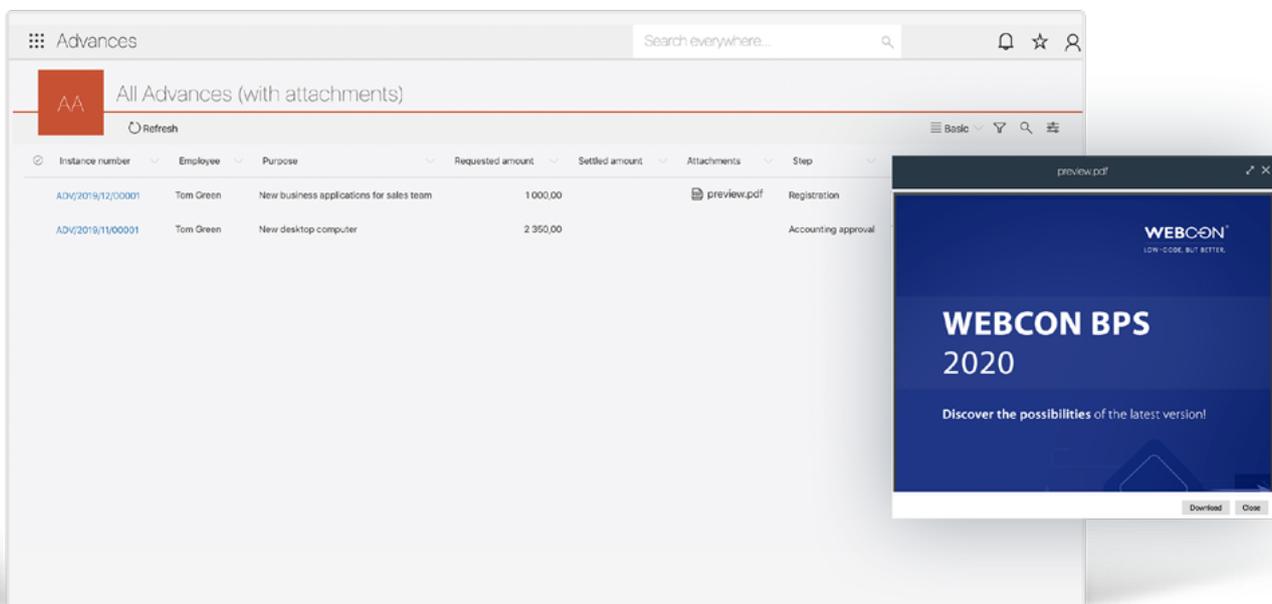
Also, the introduction of a new variable for the instance normality index will potentially cause the business rules for workflow to benefit from additional approval steps required only when a given workflow deviates from the standard. The system will also learn what values are typical for a given organisation and what values deviate from it and require additional attention.



Efficiency of application reports

The 2020 version introduces the use of the SOLR Search Index database as a data source for application reports. This results in user queries being handled by the search engine, which considerably boosts system response times, without being a burden on the transaction database of WEBCON BPS platform.

The reports based on SOLR also allow the user to display and access attachments directly from the report – no need to open a separate form.



WEBCON BPS application reports and data sources for data from the form item lists

The 2020 version adds the option to generate reports based on a given form item list. It also introduces an analogous option when it comes to the configuration of the WEBCON BPS internal data source.

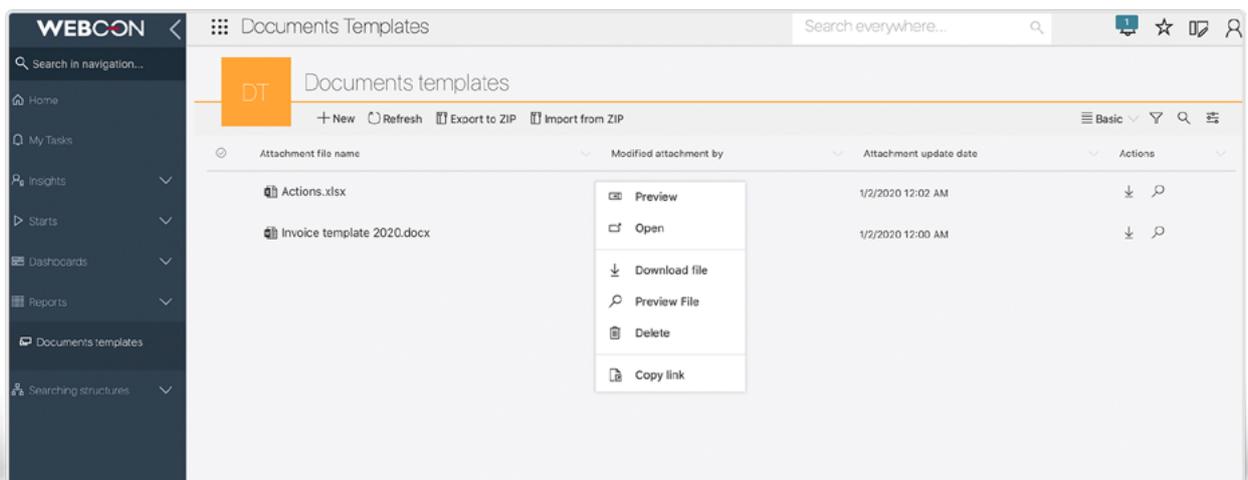
New types of processes

WEBCON BPS 2020 introduces two new types of processes, which will allow the user to:

- Create dictionaries used in the choice fields of applications
- Store document templates used to generate documents in the application.

This functionality will be an alternative to using lists and SharePoint document libraries – users will be able to manage dictionaries, introduce new dictionary elements and new document templates into the system directly from WEBCON BPS Portal.

When creating a dictionary or document process, WEBCON BPS generates appropriate reports and data sources automatically, so that these elements are promptly available for use. At the same time, we are making changes to the import / export mechanism, which, in the case of transferring applications between developer, testing and production environments, will result in transferring not only the definitions of processes but also their contents, i.e. dictionary elements and document templates. This functionality will be rolled out with the next update to the 2020 version. This makes the application's import / export mechanism cover all elements of a business application and allows for complex and automatic migration of the application between multiple environments, including the development of pre-defined applications.



Business rules in the form rules

The 2020 version introduces the option of using business rules in the form rules. This change offers new and powerful tools for expanding the operational logic of forms. Embedding a business rule allows for the use of functions previously unavailable in form rules, while also providing access to SQL queries and SDK calls. This, in turn, enables control over the behaviour of form fields and sections, as well as performing calculations that utilize external data sources, functions, procedures and SQL and .NET queries.

Managing user privileges – the BPS group

For standalone environments (no SharePoint), the 2020 version introduces the option to define BPS groups that can be used to assign privileges and roles in the system based on the rules previously available for SharePoint and AD groups.

webAPI and SDK in WEBCON BPS 2020

In the 2020 version, we have made significant improvements to the webAPI of the WEBCON BPS system. Considerably expanding the list of available REST API methods allows for using the webAPI to trigger most operations to which the user has access at the form level. We have also added the possibility of using the webAPI to trigger reports. The entire webAPI has been documented using the Swagger Specification. We have also optimised the process of registering SDK extensions, which will significantly facilitate and accelerate their use in the system. With the addition of new project libraries on NPM and github, developing extensions is now simpler than ever.

WEBCON BPS SaaS and subscription model

The 2020 version of WEBCON BPS – just like the previous versions – is available for on-prem and private Cloud installations (based e.g. on Azure VM with Windows and SQL Server). The new feature is the third environment type – known as the vendor-based, multi-tenant SaaS. A key piece of information is that the cloud version of WEBCON BPS uses exactly the same engine as the previous installations, meaning it is possible to transfer the platform's installations between SaaS, IaaS and on-prem models, without having to reconfigure the entire application.

At the same time, we are introducing a new method of product licensing – subscriptions. They will be available both for the SaaS environment (in this case, a monthly or annual license fee covers the license costs of the platform and the costs of infrastructure provided by WEBCON), as well as for IaaS and on-prem environments (monthly fee that covers only the licenses).

The SaaS offer also includes a solution for customers who use SaaS models as part of their strategy, but wish to benefit from a dedicated (single-tenant) environment.

The existing model of selling perpetual licenses will still be available for the 2020 version as an alternative to IaaS and on-prem environments.

In case you have questions, please contact us.