

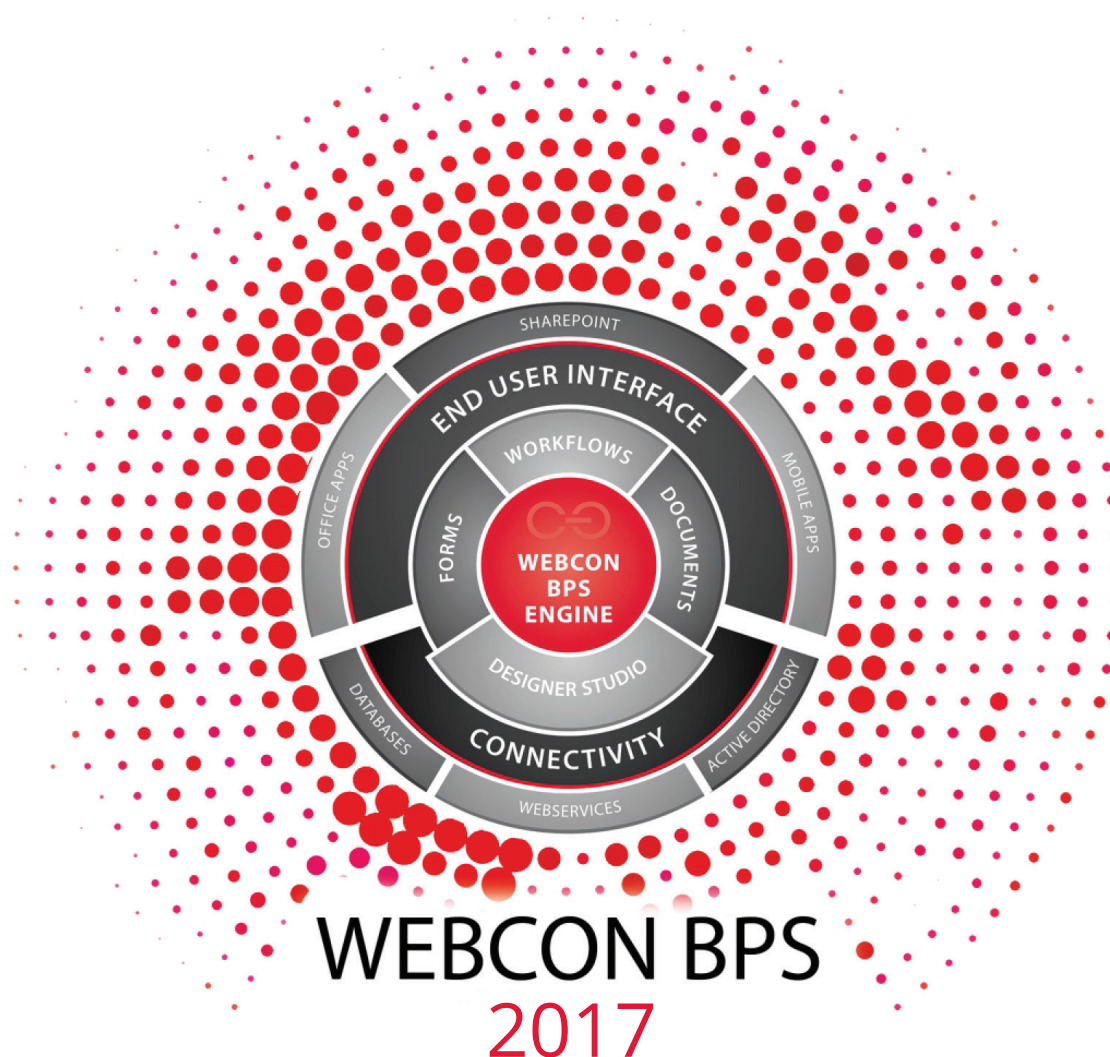


WEBCON **BPS** 2017

New features and improvements

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The newest release of WEBCON BPS brings forward plenty of features and improvements which aim to lower the entry barrier into the system even further. This is perfect for organizations which are looking to make their first steps on the road to optimizing business processes.

The business rules engine introduced in the previous version is now followed by the form rules engine, which makes it easier than ever to create a full range of conditions for controlling the behavior of the form. This is great news for companies already using the system, as it makes it easier to grow the teams that create business applications in WEBCON BPS.

The new version of the system also expands the repository of reusable configuration elements, making it easier to introduce modifications on the fly, quickly shaping the application in response to ever-changing business needs.

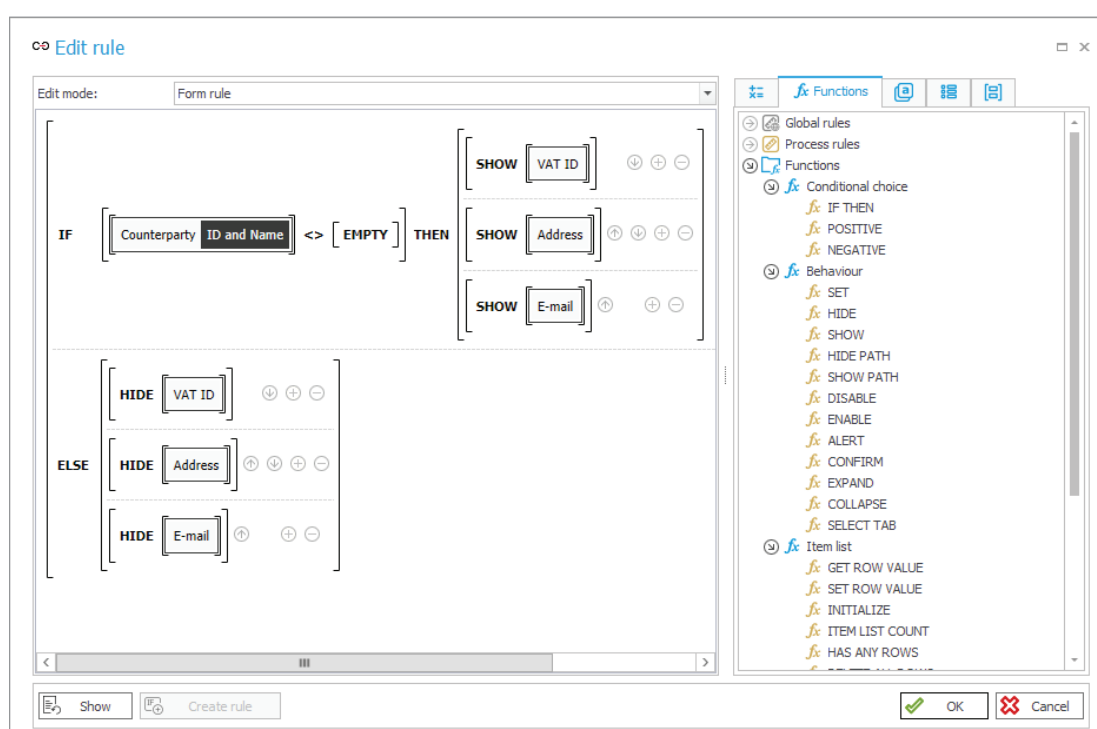
All of these advancements are the result of the overarching strategy to create a true no-code/Rapid Application Delivery (RAD) platform. We believe the new additions will make it even easier and more fun to deliver business applications.

01 FORM RULES ENGINE – COMPLEX FORM BEHAVIOR MADE EASY

The form rules engine provides an additional configuration layer when it is necessary to add dynamic behavior patterns to a form for it to immediately respond to user action (e.g. showing/hiding fields, validation, alert).

Until now, such conditions were created with a JavaScript editor and thus effective use of the predefined functions required knowledge of the JS syntax.

In WEBCON BPS 2017, the form rules allow for creation of such functions in a graphic and user-friendly way – by dragging and dropping. The graphic editor operates similarly to the previously introduced business rules engine, making JavaScript knowledge unnecessary. You only have to focus on the operating logic of the desired rule, and WEBCON Designer Studio will take care of the technical layer.



Once created, a form rule can be used any number of times in multiple places. The option to track and show locations where a rule is used provides more control over the process, and makes potential modifications faster and easier to carry out.

USE CASE 1:

When the business partner is chosen in the selection field, said partner's address should appear in the form below.

USE CASE 2:

When the user chooses a vacation end date preceding the vacation start date, the system will display an appropriate message of incorrectly entered data.

The introduction of form rules does not mean that JavaScript conditions will no longer be supported. The form rule editor can be switched to JavaScript mode at any time for people wishing to use the system as before.

The addition of the form rule engine is also accompanied by a new debug mode, which is used for tracking and monitoring the state of all business rules and form rules from one place, allowing for a quick evaluation of whether all conditions are working as intended. To enter the debug mode, just add &debug=1 to the URL address in your browser.

Document name *
Priority *
Deadline *
Case
Responsible *

High

Michał Rykiert

Task list

Scan?

Confirmation expected?

☐
☒

* required fields

Predefined paths:

Register

Save

Trace log : (Collapse) (Expand)

11 WFDynamicOnPreInit

516 WFDynamicOnInit

26 WFDynamicOnLoad

93 WFDynamicOnPreRender

Business rules trace log : (Collapse) (Expand)

6 Default value of form field 'Priority' (Id: 570) 3

3 Evaluation rule Priority (435) node 3

0 Default value of form field 'Responsible' (Id: 584) Michał Rykiert

6 Default value of form field 'Registered by' (Id: 597) Michał Rykiert

2 Default value of form field 'Registration date' (Id: 579) 6/14/2017

Form rules trace log : (Collapse) (Expand)

2:15:09 PM Form rule to be executed on page load and postback executed

2:15:09 PM "Counterparty data" (Id: 433) executed

2:15:09 PM Form rule to be executed on page load and postback on step executed

02 FURTHER DEVELOPMENT OF THE BUSINESS RULES ENGINE

As we developed the form rules engine to mirror our existing business rules engine, we wanted to make sure that the latter receives its fair share of attention as well. Therefore, we have a number of improvements in store for the business rules engine, aiming to make it more functional and user friendly.

2.1. NEW OPERATORS

The business rules creator now has additional operators to expand its functionality:

EMPTY – represents an empty field value. May be used in comparison operations to establish whether a given field (e.g. text value, numerical value, selection field) holds an entered value.

TODAY – returns the current date. May be used in operations requiring only the date and not the time.

NOW – returns the current date and time. May be used in operations requiring the exact time.

2.2. ERGONOMIC IMPROVEMENTS OF BUSINESS RULES

The following options were added to ensure the best possible user experience:

- **keyboard editing** – when writing a business rule, the system automatically and contextually suggests the functions and variables suitable to the entered text, which allows for rule creation using only the keyboard
- **universal rule editing in place of use** – if a reusable rule is defined, it can be edited directly in the place where it was used. This reduces the time required to find it in the rule repository to zero
- **optimization of editor options** – the business rules editor now has four tabs: operators, functions, variables, and system objects, which increases the transparency of the available options
- **optional line breaking for AND and OR** – for functions AND and OR, lines can be broken at the desired spot by pressing Enter. This function aims to increase transparency of some of the more complex rules.

2.3. BUSINESS RULES IN ACTION CONFIGURATION

WEBCON BPS 2017 expands the option for applying business rules not only in action conditions, but also in their configuration. Hence this is another area of the Designer Studio which does not require T-SQL expressions to provide the desired business application behavior.

2.4. SDK MODE

Besides the graphical interface and T-SQL expressions, business rules editor now also has the option of using plugins created with Software Development Kit. Such feature comes in handy in particularly complicated situations, e.g. when calculation of a given value requires collection of data from multiple systems via Web Services.

2.5. FUNCTIONS COLLECTING VALUES FROM DATA SOURCES

The graphic business rules creator now has additional functions allowing collecting values from external data sources.

DATA SOURCE VALUE – allows extracting the value from a specified data source with a filter narrowing the range of returned data. The configuration allows for indication of the source column from which the value is extracted. If the defined filter collects multiple data lines from the source, the value returned by the function will come from the first line.

RUN SQL – allows for SQL queries and value extraction from sources such as SQL, Oracle and the WEBCON BPS database. The configuration allows for definition of the SQL query, indication of connection data used to perform it, and indication of the column from which the value is extracted. If the defined query extracts multiple rows of data, the value returned by the function will come from the first row.

RUN SDK – allows for providing business rule by SDK plugin.

03 EVOLUTION OF DATA SOURCES

More and more of our clients and partners are turning WEBCON BPS into their core IT platform and main business process management solution. From the perspective of end users, this is a convenient situation since they have a single, homogenous interface for all of their back-end systems.

However, in order to have the platform operating this way and connect numerous other applications present in the organization, the infrastructure and integration must be well-prepared. That is why we strive to make operations on data from external systems and on business processes in WEBCON BPS as easy as possible. The new release introduces numerous improvements to this area.

3.1. WEBCON BPS DATA SOURCE

Mutual integration of business processes requires frequent reference to once entered data in order to avoid their duplication and manual re-entry. In the past, creating a query to WEBCON BPS database required basic knowledge of the database structure and the T-SQL syntax.

WEBCON BPS 2017 introduces a creator, which allows for selecting various parameters (e.g.: process, workflow, step), filters (e.g. predefined, configurable), and data (system data, metadata) to generate a query.

Column name
ID
Instance number
Form type
Document name
Responsible
Case

BPS Internal View data source configuration

Process selection

Predefined filters
Standard filters
SQL filters
Data selection
Sorting

Processes:

Selected processes

☐ AD Account Management
☐ Agreements
☐ Business Card Reader
☐ Charity Gifts
☒ Correspondence

Form types:

Custom form types

☐ Case
☒ Incoming correspondence
☐ Mass dispatch
☒ Outgoing correspondence

Select all Unselect all

Workflows:

All workflows

Steps:

All steps

USE CASE:

Incoming and outgoing correspondence workflows were implemented to register all documents exchanged with other organizations. To make connection between documents transparent, the case management workflow was implemented as well. On the level of a single case, all related documents should be listed and accessible. To provide that, a Data Table field (formerly known as SQL table) is needed. It fetches data from WEBCON BPS database to return the list of all documents related to given case. In WEBCON BPS 2017 all necessary configuration is done via the newly-introduced creator.

An important addition is the option to choose the data return mode – in the context of the system account (to return all workflow instances in the system) or an account of the currently logged-in user (to return only the instances to which the user has access).

The good news for current system users is that the creator behaves in exactly the same user-friendly way as the Show Workflow Elements WebPart configuration, which is an inseparable piece of every WEBCON BPS installation.

3.2. FIXED VALUES LIST ENHANCED

It is advised to make work easier for end users wherever possible, in order to encourage them to familiarize themselves with the system. Therefore, providing users with a list of selectable values (akin to a survey or questionnaire) is far superior to forcing them to enter values manually. In the new version of the system, providing a choice of fixed values has been improved.

Firstly, the definition of fixed values lists has been moved to the data source section, instead of being configured individually for each choice field. Because of this, a single list can be reused in multiple form fields and even processes.

ID	Name	Description
1	PLN	Poland
2	EUR	Germany
3	GBP	Great Britain
4	CZK	Czech Republic
5	USD	United States

The second improvement is the addition of the ID column to the fixed values list definition. In effect, creating dynamic conditions referring to the values selected by the user is easier and the configuration less liable to errors.

Thanks to the introduced changes, the range of functions of fixed values lists in WEBCON BPS has expanded considerably. When the source does not have to be edited by business users, there is no longer a need to enter it in the SharePoint list.

3.3. CONNECTIONS TO DATA SOURCES

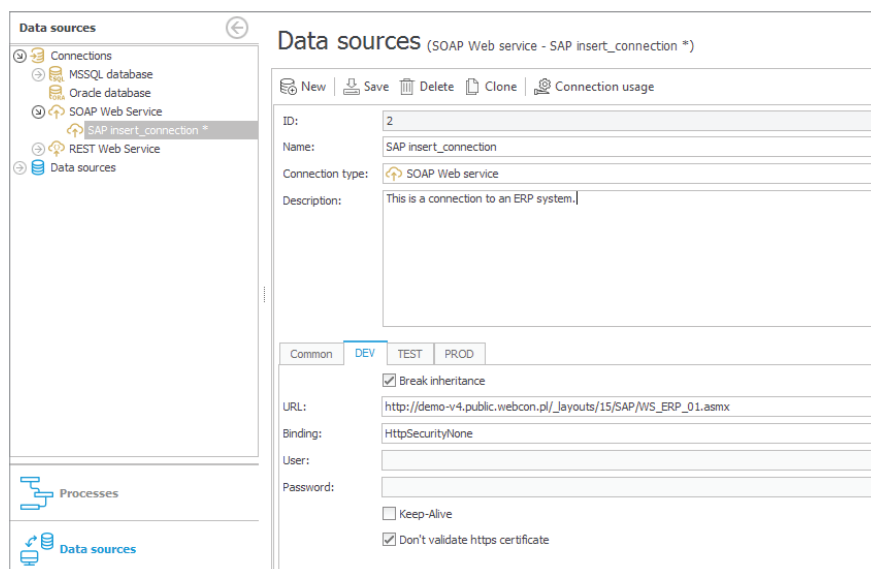
WEBCON BPS 2017 separates the configuration of the external data model from the configuration of the link to the server providing the desired data.

There is a new option for independent definition of four types of connections:

- MSSQL database
- Oracle database
- SOAP Web service
- REST Web service

The connection configuration stage allows for the definition of separate connection parameters to the production, test, and development servers. Each of the configured connections can be used for multiple data sources, this results in it being very easy to find all locations where a connection is used.

Furthermore, during data source configuration, it is now enough to choose a preconfigured connection instead of entering the connection parameters every time.



USE CASE:

A single connection to Microsoft Dynamics AX is selected in configuration of multiple data sources that are used in several processes. Due to infrastructural changes, connection parameters to test server need to be changed. In WEBCON BPS 2017 that is done in just one location.

3.4. DATA SOURCE QUERIES

Since the connections to data sources are separated from queries, to create a new data source it is sufficient to select a connection and enter a desired query. For MS SQL sources, this can be e.g. `select * from <table_name>` to return all information from the source.

Such a query will be used in every field using the given source. Just as in the case of business and form rules, it is possible to track where the given source is being used.

3.5. DATA SOURCE FILTERS

To make the defined data sources available for successful repeated use in fields of one or more processes, WEBCON BPS 2017 introduces data source filters to narrow down the numbers of rows for list of columns returned by the source.

USE CASE:

At case management workflow level, it is required to display the list of workflow instances related to the given case. To configure a Data table field that would respond to that need only two things are needed. First to select a previously configured data source. Second, to apply a simple filter as shown below.

C/2017/03/00005

RETURN CANCEL EDITING SAVE RELOAD

Case data

Name	Public tender
Counterparty	OPTEAM
VAT ID	813-03-34-531
Address	Tajęcina 113
Responsible	Michał Rykiert
Priority	Low
Deadline	5/12/2017

Documents in the case

Document number	Title	Correspondence type	Status	Person responsible
IC/2017/03/00004	Purchase order	Incoming correspondence	Archive	Michał Rykiert
OC/2017/06/00003	Decision 2017/000052/13	Outgoing correspondence	Document preparation	Anna Puka
IC/2017/06/00002	Commercial offer	Incoming correspondence	Archive	Michał Rykiert
OC/2017/06/00009	RFP	Outgoing correspondence	Document preparation	Luke Skywalker
OC/2017/06/00010	Agreement	Outgoing correspondence	Document preparation	Matt Manager

Predefined paths:

Close
Cancel

It is possible to check the source content in the filter definition window, which definitely helps create appropriate conditions. An additional advanced mode supporting T-SQL queries is still available whenever needed.

Data source

Data source: Documents in the case

Filter:

Data source columns Case

=

Case Name

▶ Test

04 FORM FLEXIBILITY – FREEDOM WITHIN GROUPS AND TABS

One of the most appreciated features of WEBCON BPS is its innovative approach to the definition of forms used in business applications. The deliberate mechanism of inheriting form field settings by individual steps allows for not only quick application of changes but also complete control over them. WEBCON BPS 2017 version introduces the option of breaking inheritance of form field arrangement in groups and tabs.

USE CASE:

During registration of cost invoice it's required enter metadata into 10 fields specifying basic parameters (company, net value, gross value, payment date, etc.). To ensure maximum working ergonomics, all fields are displayed in the main part of the form. Although in further approval steps, this data is located in a tab since it is not crucial at this stage of the process but may turn out to be useful as an additional source of information.

In Designer Studio such changes are made possible by breaking inheritance of global form template settings, which is carried out through simple drag and drop on an individual configuration step level.

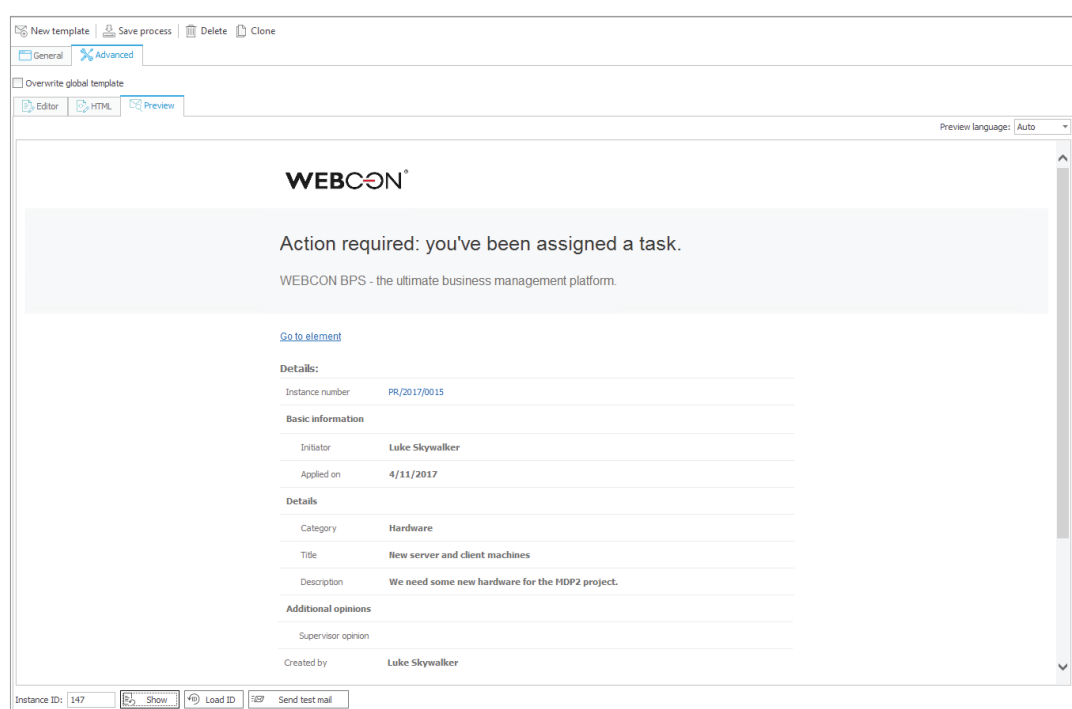
The screenshot shows the 'Cost Approval (manual) - Step edit: Registration' window. The 'Form' tab is active, displaying a list of form fields under the 'Document information' group. The fields are organized into two columns: 'BASIC INFO' and 'VALUES, DATES & PAYMENT'. The 'Net value' field is highlighted with a red arrow. The 'Form properties' sidebar on the left shows the 'Form type filter' set to 'All' and the 'Form subtypes' set to 'Hidden'. The 'Form preview' section shows a 'Visible' status. The 'Cost breakdown' section at the bottom lists fields like 'Cost center', 'Cost center name', 'Manager', 'Cost type', 'ID', and 'Value'.

05 DYNAMIC E-MAIL NOTIFICATION PREVIEW

The e-mail template editor can now generate a view of e-mail notifications by using the data already entered into the system.

It allows for specifying the ID of the workflow instance, the content of which will be used to fill the prepared template with data. In effect, when configuring new templates, power user can quickly and easily verify the effects.

For multiple language environments, the system has the option of specifying the preview language used to generate the e-mail notification view.



It is also possible to send a test notification to a chosen e-mail address for final verification of the prepared template.

06 MOBILE APPS ENHANCED

Previous releases of the system significantly improved the appearance, ergonomics, and functionality of mobile applications. The newest version brings enhancements which are equally important but less noticeable to end users.

6.1. DEFINITION OF SECURITY LEVELS

The most important change is the option to have mobile application security imposed by the system administrator.

The parameter defining the current security level is available at the level of WEBCON Designer Studio and includes three options:

- **User-determined**
The security level of the application on the mobile device is not imposed and depends on the configuration set by the end user (including the option of no security).
- **Application secured with a PIN code**
To use the application on a mobile device, a PIN code common to all user profiles must be entered on launch.
- **Profile secured with a password**
The user must enter the password every time they want access the profile created in the mobile application.

The user may check the present security level in the mobile application profile configuration.

The screenshot shows a mobile application interface for 'Profile configuration'. It includes the following fields and options:

- Address:** http://mobile.trial-b
- Domain:** TRIAL
- User:** t.green
- Password:** (masked with dots)
- Remember password:** NO (toggle switch)
- Language:** en-US (dropdown arrow)
- Use Push:** NO (toggle switch)
- External authentication:** NO (toggle switch)
- Security level:** User defined (highlighted with a red box)

6.2. PUSH NOTIFICATIONS FOR ANDROID-OPERATED DEVICES

PUSH notifications allow mobile application users to receive notifications on tasks with no need for refreshing the status or checking the application multiple times. The newest version of WEBCON BPS sees PUSH notifications activated for Android-operated systems in addition to iOS devices.

The user can activate PUSH notifications in the profile configuration. There is also an option to specify the processes for which the notifications will be generated.

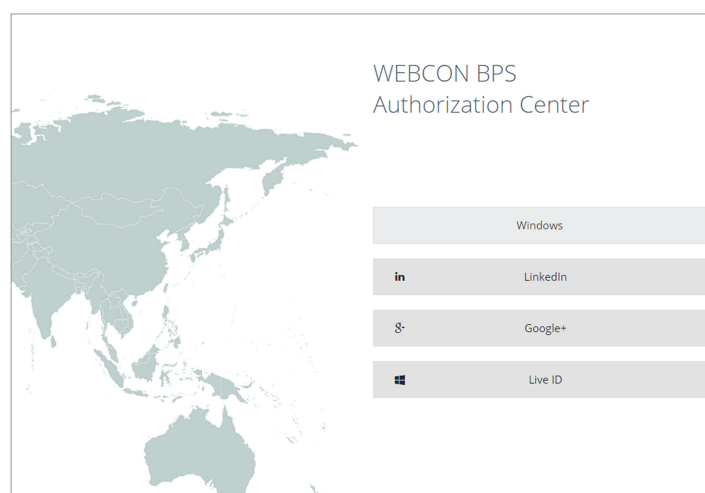
07 EXTERNAL USER AUTHENTICATION IN B2B SCENARIOS

Another feature introduced in response to the needs of WEBCON's clients and partners, is option to authenticate users from outside of the Active Directory.

In reality, this makes it much easier to access business applications for people from outside of the organization. This option will be particularly useful in B2B scenarios like handling complaints, where the process involves both company employees and clients. External authentication may also come in handy for public institutions like academies, which will be able to grant access to electronic forms to their students.

The following authentication providers are supported:

- Google
- LinkedIn
- Microsoft account (formerly Live ID)
- ADFS
- Windows Azure Access Control Service



The option of using an external authentication provider is available through installation and configuration of the WEBCON BPS External User component. The responsibility for the next stage falls to the administrator, as they must define the user group with access to the system. For Google account authentication, this may include all users belonging to the gmail.com domain or an individually specified group. The second case will be assisted by the functions of the BPS user list, which is covered in the next section. The final step is to define the level of authorizations and assign tasks, just like for users with Active Directory accounts.

08 CENTRAL USER MANAGEMENT PANEL – BPS USER LIST

The BPS user list section is introduced in WEBCON BPS 2017 for efficient management of users both in and outside of the Active Directory. It includes all users of the system and allows for the following:

- configuration of domain user synchronization
- management of synchronization schedule
- browsing synchronization history
- manual synchronization of AD users
- external user addition and management

System settings (BPS users list)

Refresh Synchronize now Synchronization configuration

Last synchronization date: 6/20/2017 9:01:01 AM Status: Success

Next synchronization date: 6/20/2017 3:00:00 PM

Active Directory users External provider users Synchronization history

Search:

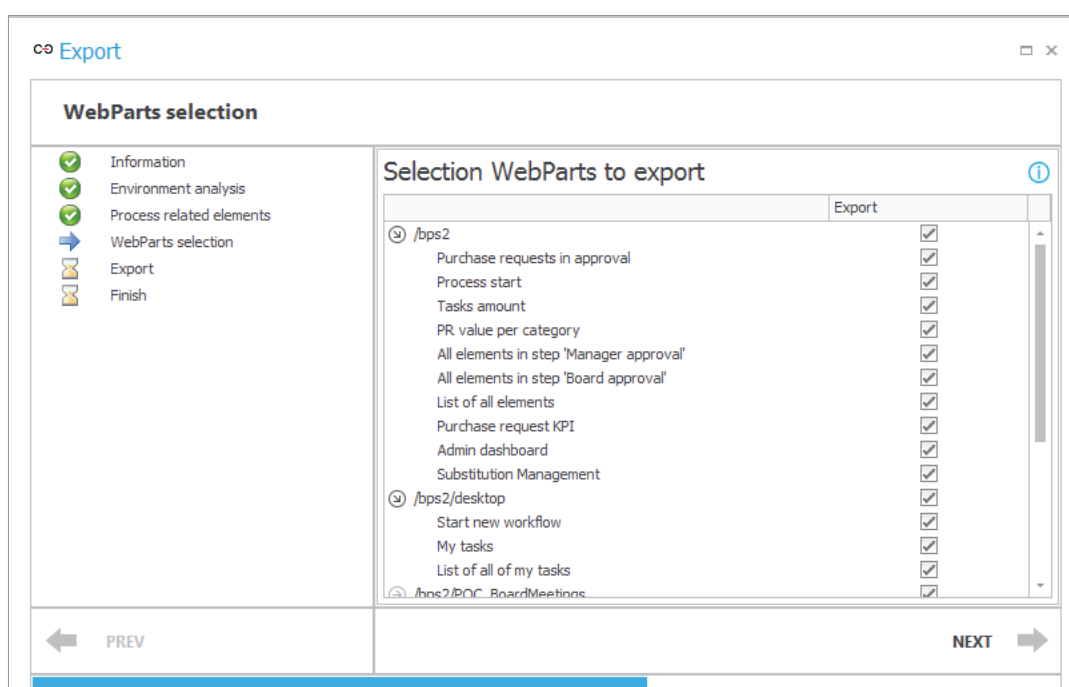
BPS ID	Name	Email	Source	Last synchronization date
demo\user_1a	User_1A	User_1A.Surname@webconbps.com	AD	6/20/2017
demo\tsprzetowy	Tomasz Sprzetowy	Tomasz.Sprzetowy@webconbps.com	AD	6/20/2017
demo\tsluzaniak	Tomasz Sluzaniak	Tomasz.Sluzaniak@webconbps.com	AD	6/20/2017
demo\tsborek	Tomasz Borek	Tomasz.Borek@webconbps.com	AD	6/20/2017
demo\sm_20889ac2081c4d219	Microsoft Exchange	SystemMailbox558c35-67f1-4cb9-8fff-d53741dc928c@webconbps.com	AD	6/20/2017
demo\tsretkin	Sion Retzkin	Sion.Retzkin@webconbps.com	AD	6/20/2017
demo\tsroman.testowy	Roman Testowy	Roman.Testowy@webconbps.com	AD	6/20/2017
demo\tsrekrutacja.cv	Rekrutacja CV	Rekrutacja.CV@webconbps.com	AD	6/20/2017
demo\tsputek	Matt Manager	radoslaw.putek@webcon.pl	AD	6/20/2017
demo\tspakula.v2	Piotr Pakula v2	piotr.pakula@webcon.pl	AD	6/20/2017
demo\tsjawnien	Pawel Jawnien	Pawel.Jawnien@webconbps.com	AD	6/20/2017
demo\tsierant	Przemyslaw Sierant	p.sierant@webcon.pl	AD	6/20/2017
demo\tskowalski	Peter Kowalski	p.kowalski@webcon.com	AD	6/20/2017
demo\tsdinklaga	Peter Dinklaga	p.dinklaga@demo.pl	AD	6/20/2017
demo\sm_ec7579716c324800b	Microsoft Exchange	MsExchDiscoveryE0dc1c29-89c3-4034-b678-e6c29d823ed9@webconbps...	AD	6/20/2017
demo\sm_0a86bdf87ed8409b9	Microsoft Exchange Approval Assistant	MSExchApproval1f05a927-3be2-4fb9-aa03-b59f63b56f4c@webconbps.com	AD	6/20/2017
demo\sm_cf5dd61a5a604a4da	Microsoft Exchange Migration	Migration.8f3e77716-2011-43e4-96b1-ab862d229136@webconbps.com	AD	6/20/2017
demo\tsrykiert	Michal Rykiert	Michal.Rykiert@webconbps.com	AD	6/20/2017
demo\tsbieber	Matthieu Bieber	Matthieu.Bieber@webconbps.com	AD	6/20/2017
demo\tsjohn.john	Martin John	Martin.John@webconbps.com	AD	6/20/2017
demo\tskapusta	Marcin Kapusta	Marcin.Kapusta@webconbps.com	AD	6/20/2017
demo\tsfurman	Magdalena Furman	Magdalena.Furman@webconbps.com	AD	6/20/2017
demo\tsviktor	Marcin Wiktor	m.viktor@webcon.pl	AD	6/20/2017
demo\tswrobel	Luke Skywalker	Luke.Skywalker@webconbps.com	AD	6/20/2017
demo\tsdruk	C KRUK	lukasz.wrobel@webcon.pl	AD	6/20/2017
demo\tsdruk	B KRUK	lukasz.wrobel@webcon.pl	AD	6/20/2017
demo\tssemenuk	Lukasz Semenuk	Lukasz.Semenuk@webconbps.com	AD	6/20/2017
demo\tsvalencia	Luis Valencia	luis.valencia@softhwareestrategico.com	AD	6/20/2017

External user addition requires said user's e-mail address for future identification. External users have the same authority as Active Directory users, i.e. they can receive assigned tasks, notifications, assigned authorizations, etc.

09 EXPORT/IMPORT MECHANISM EXPANDED

9.1. WEB PART EXPORT

The mechanism for exporting process configuration to a .zip file is expanded with the option of migrating Web Parts related to the exported process between environments. The new system version allows for choosing Web Parts that will be placed in the export file. It is possible to export the full configuration, i.e. the process and all its Web Parts, as well as the process alone or just one selected Web Part.

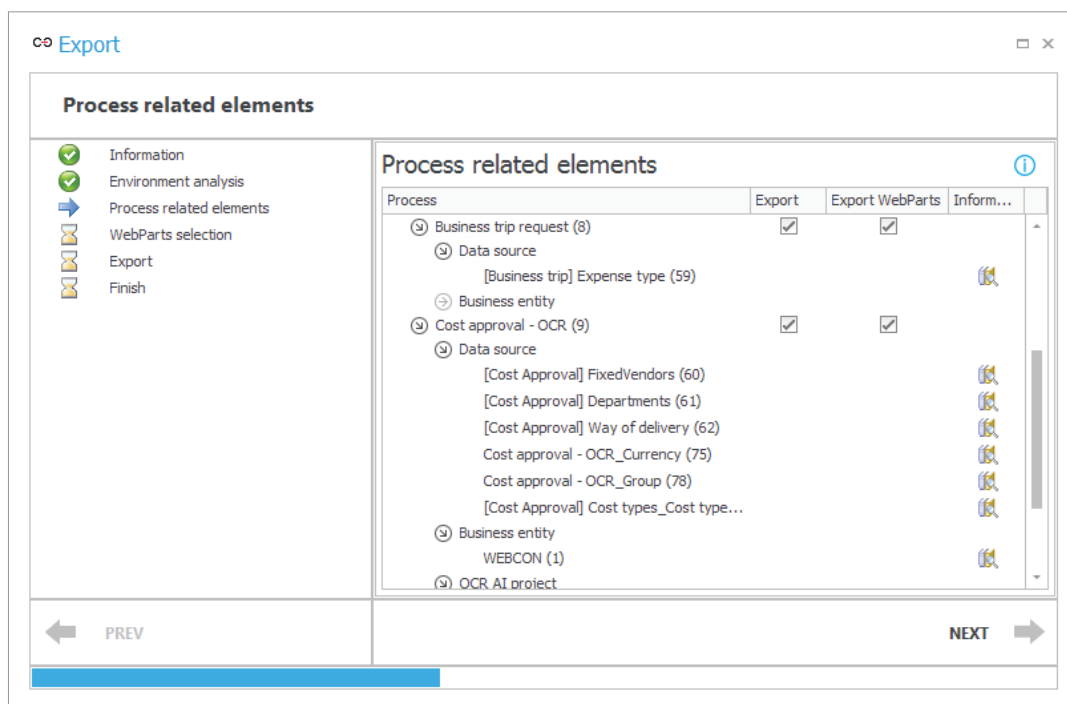


The group of Web Parts suggested in the process export creator depends on the configuration of sites related to the process. It is possible to configure multiple related sites.

Successful Web Part import requires the same website structure for both the target and source environments. To ensure compatibility, a copy of the structure must also be created with one of the tools available on the market.

9.2. EXPORT OF ASSOCIATED ELEMENTS

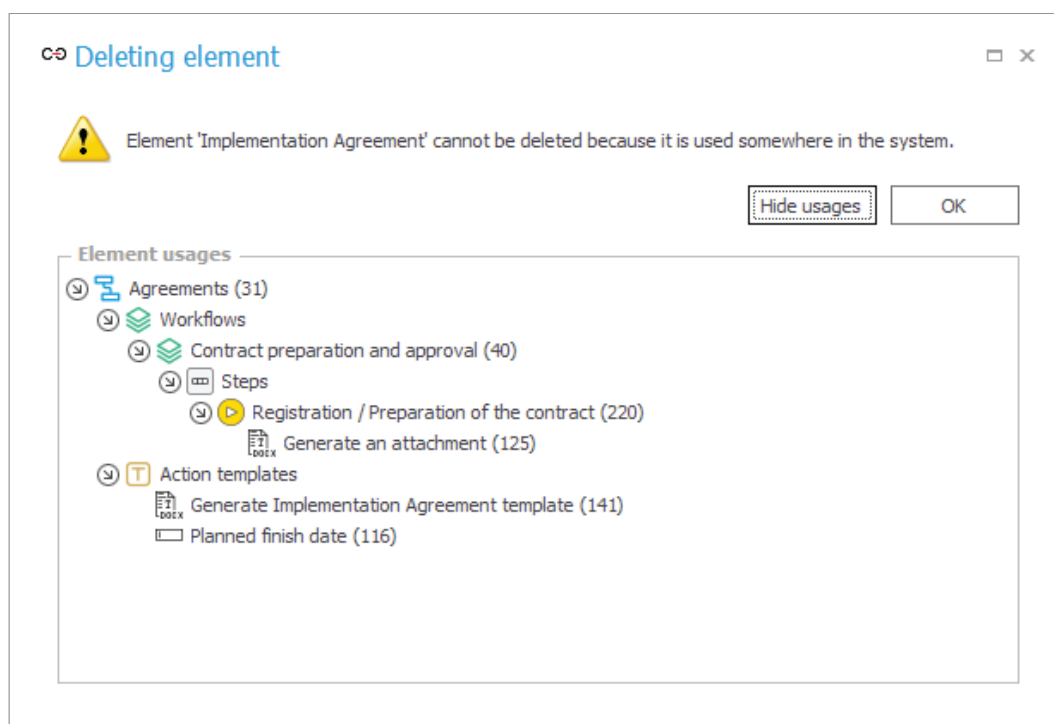
When the processes created in WEBCON BPS are related (e.g. when the onboarding process initiates a permission management subworkflow) or when they use the same configuration elements, the system allows them to be placed in a single package.



By expanding the export-import mechanism to be able to move Web Part configurations, the time required to recreate reports and views among between environments has been drastically reduced. In effect, it is even easier to move entire business applications between developer, test, and production servers.

10 IMPROVED CONFIGURATION COMPATIBILITY VERIFICATION

The newest version of WEBCON BPS includes a verification mechanism which establishes whether a certain configuration element (e.g. a constant, a field, a business rule, a form rule) can be safely and unobtrusively removed from the process. If the removed element happens to be linked with any other part of process configuration in any way, and its removal may lead to errors in process operation, the system automatically presents a warning and blocks the option of removing the given element. The administrator will receive concise information specifying the place in the process which must be modified in order to preserve the compatibility and integrity of the entire configuration.



This mechanism becomes crucial when processes are modified and need to be transferred between environments, since incompatibility may potentially lead to operating errors in the implemented business applications.

11 NEW POSSIBILITIES WITHIN OUTLOOK

WEBCON BPS Outlook Add-in for Microsoft's e-mail client is one of the most popular and appreciated tools offered in the system. Hence we constantly work on making it even more enjoyable.

11.1. FORMS REVAMPED

The newest version of the add-in sees the form presentation layer undergo visual and functional changes to make it reflect the form available on mobile applications.

WEBCON BPS

New Tasks Browse Search

My tasks > Correspondence > OC/2017/06/00008

OC/2017/06/00008

Form Attachments Information Tasks

Counterparty
KOMPAS

VAT ID
SI 51765225

Address
Stegne 7, 1000 Ljubljana

E-mail

Document name
Correspondence

Priority
Normal

Deadline
06/23/2017

Case
Implementation agreement

Responsible
Michal Rykier

Task list

Receipt confirmation?
Yes

Related documents
List of all documents within the selected case.

Instance number	Document name	Form type
IC/2017/06/00001	Top secret mail	Incoming correspondence
OC/2017/03/00012	Case number 0013	Outgoing correspondence
IC/2017/03/00005	Case number	Incoming

The effect allows for presentation of not only main information but also item lists, tables, and fields in groups and tabs as well as charts and Google maps. Furthermore, the new version of Outlook Add-in supports form rules, which allows for the full preservation of all behaviors and functioning that can be seen on the desktop and mobile application versions.

11.2. DATA EDITING MODE

A new feature debuting in this version of the WEBCON BPS Outlook Add-in is the ability to edit form fields. It allows for complete immersion in the process, from entering data to final approval, directly in the add-in interface. This is a clear advantage for business users who do not want to switch between numerous screens and prefer to perform all their tasks directly within Microsoft Outlook.

Editing mode is currently available for beta testing and thus requires activation of the “Laboratory mode” in profile settings. This option will be successively improved in subsequent versions.

12 CORPORATE PROCESS LANGUAGE

Since multi-national corporations frequently need to standardize their communication across countries, in WEBCON BPS 2017, we added a new feature which will allow a default language to be assigned to a given business processes. Setting a default language will cause all process workflow elements, forms, e-mails, and generated documents to be displayed in the desired language, regardless of the SharePoint user profile, time zone, or individual browser settings.

The option of dynamically adjusting the language used to present the process according to regional settings is still available. In such a case, selecting the “Auto” option in process configuration will adapt the presentation language in accordance with the local browser settings.

13 COLUMN VISIBILITY AND ORDER IN DATA TABLE AND DATA ROW FIELDS

The configuration of Data Table and Data Row form fields (formerly known as SQL Grid and SQL Row) now has the option to define which columns returned by data source will be visible on the form. It is now also possible to customize the order in which columns will displayed, deviating it from the one used in the data source. These changes enable customization of the appearance and content of the fields operating on the data sources.

Configuration

Column	Display name	Aggregation type	Show column
ID	ID	None	<input type="checkbox"/>
INSTANCE NUMBER	Instance number	None	<input checked="" type="checkbox"/>
TITLE	Title	None	<input checked="" type="checkbox"/>
CATEGORY	Category	None	<input checked="" type="checkbox"/>
STEP	Step	None	<input checked="" type="checkbox"/>
VALUE	Value	Sum	<input checked="" type="checkbox"/>
INITIATOR	Initiator	None	<input type="checkbox"/>
INSTANCE NUMBER...	Instance number (i...	None	<input type="checkbox"/>

☒ Query data source if variables return empty values
☐ Show form field name
☒ Show form field description
☒ Show columns names
☒ Show summary row
☐ Load on demand
☒ Paging
 Page size:

OK Cancel

14 CENTRALIZED INSTALLATION OF ADD-INS FOR WORD AND OUTLOOK

When WEBCON BPS is used by medium and large-size companies, the ability to effortlessly install add-ins and mobile applications on individual devices becomes proportionally significant to the number of end-users.

Mechanisms have been added in WEBCON BPS 2017 that can streamline this process. Word and Outlook Add-Ins offer an option to create an .msi file for automatic centralized distribution on user workstations, making the whole process seamless for end-users.

15 AM/PM TIME FORMAT

The time displayed on forms, Web Parts, and generated documents is now formatted in a unified manner. Depending on the culture of the user's browser, the time is displayed consistently across the entire system, in a 24 or 12 hour format.