

Report Creator for Word 2.0 (WRC)

Standard Modules Deliverable Specification Document



ISSUED BY

BOC Products & Services AG
Operngasse 20b
1040 Vienna
Austria

hereinafter "BOC"



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1. GENERAL MODULE DESCRIPTION

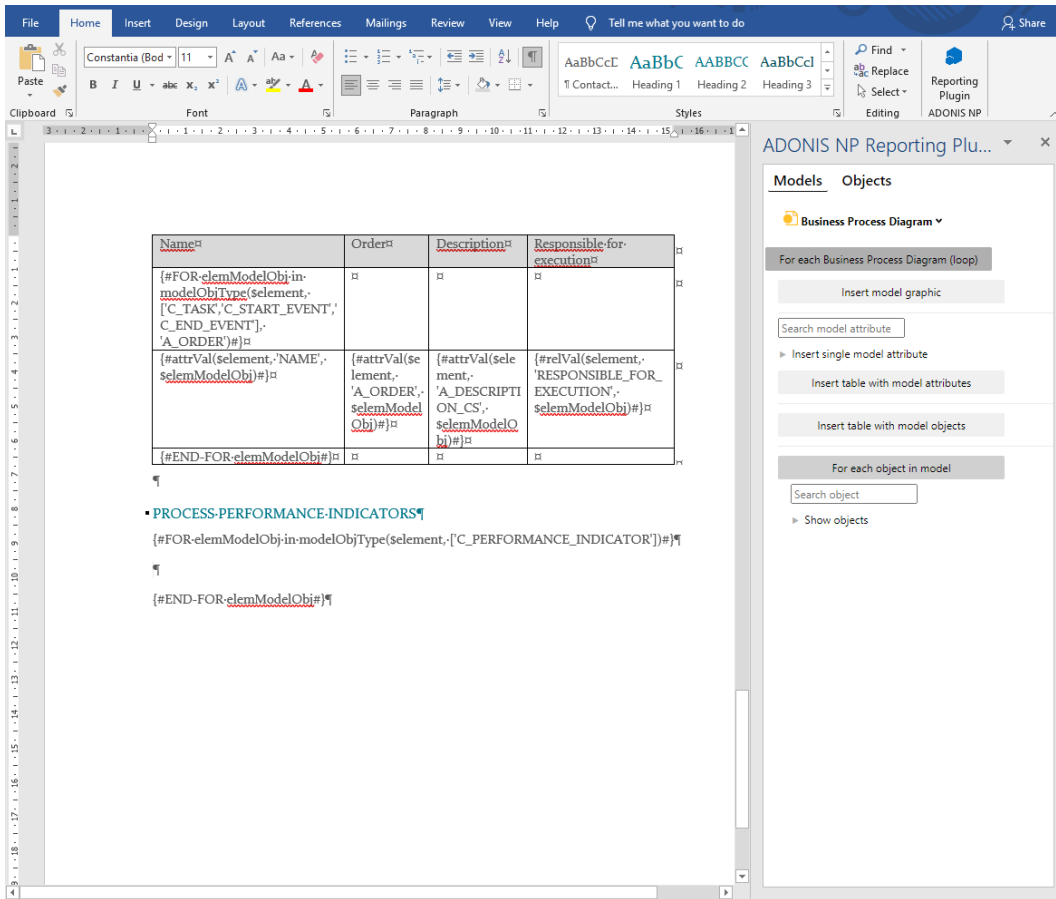
1.1. Report Creator for Word (WRC) Module

Add-in for MS Word to create your own Reporting Templates using native MS Word functionalities (formatting, page layout, ToC, etc.) and generate reports with models/objects using created template. There are two versions: WRC and WRC+.

1.2. Main Features

WRC
<ul style="list-style-type: none">• design of your own Word template using all available formatting options (fonts, colours, page layout) and word objects (e.g. table of contents, date/time)• place model or object data, including: single attributes (e.g. model name, description), table with model/object attributes, table with selected objects in model incl. their attributes• use all available objects /attributes (also from custom Application Libraries)• refer to attributes of referenced models/objects (e.g. when creating report for BPMN diagram, put on the front page also attributes from "Process" object that references that diagram)• place model graphic• save your template in ADONIS/ADOIT/ADOGRC so it can be reused• generate your reports directly from MS Word (by selecting template + models/objects). Models/objects can be also fetched directly from predefined queries (e.g. to created regular reports of all models changed in last month)• on-premise and SaaS support• no modification to customers configuration needed (works out-of-the box)
WRC+
<ul style="list-style-type: none">• in addition to the features listed above, generate your reports directly from Reporting Board• additional MFB must be included in customers Application Library

The following image shows the plugin interface visible in MS Word (right panel) as well as sample template created in the main area of MS Word.

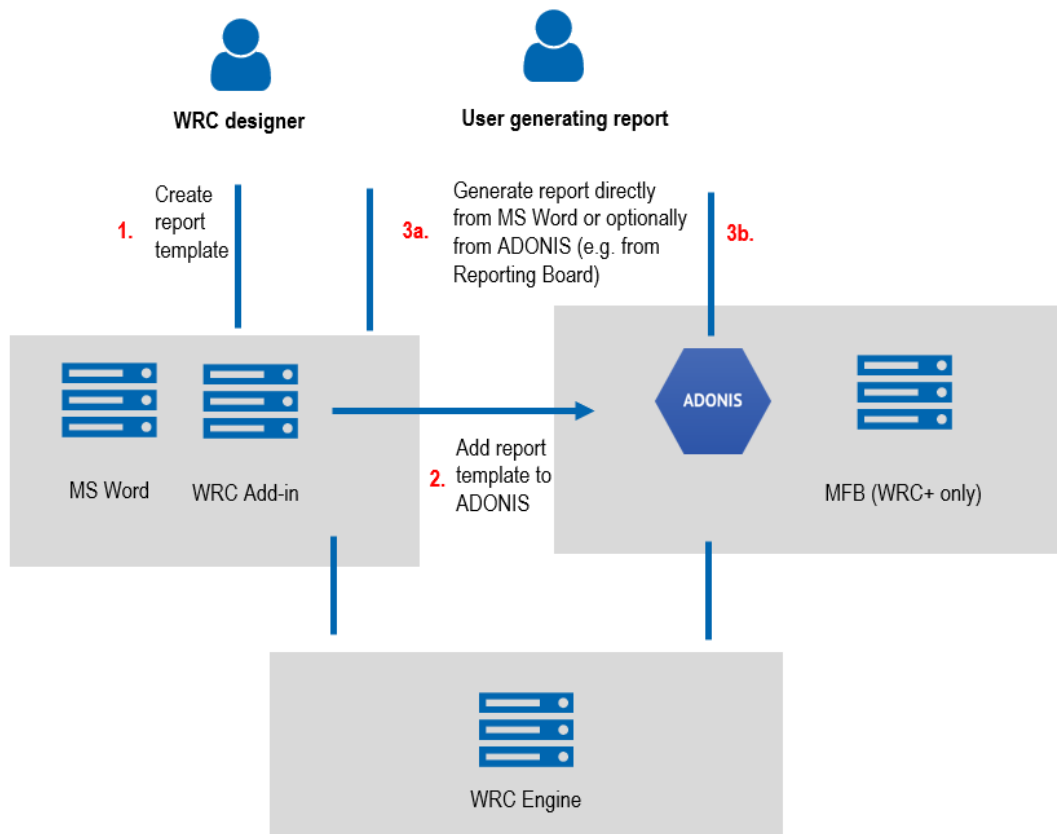


1.3. Compatible Product Versions

- ADONIS/ADOIT supporting REST; starting from R28.0.3 (ADONIS version 13 and higher) also fetching data from connectors is possible.
- MS Word: MS Word version 1612 and higher: MS Word 2016 and higher or MS Office 365.

1.4. Business Architecture

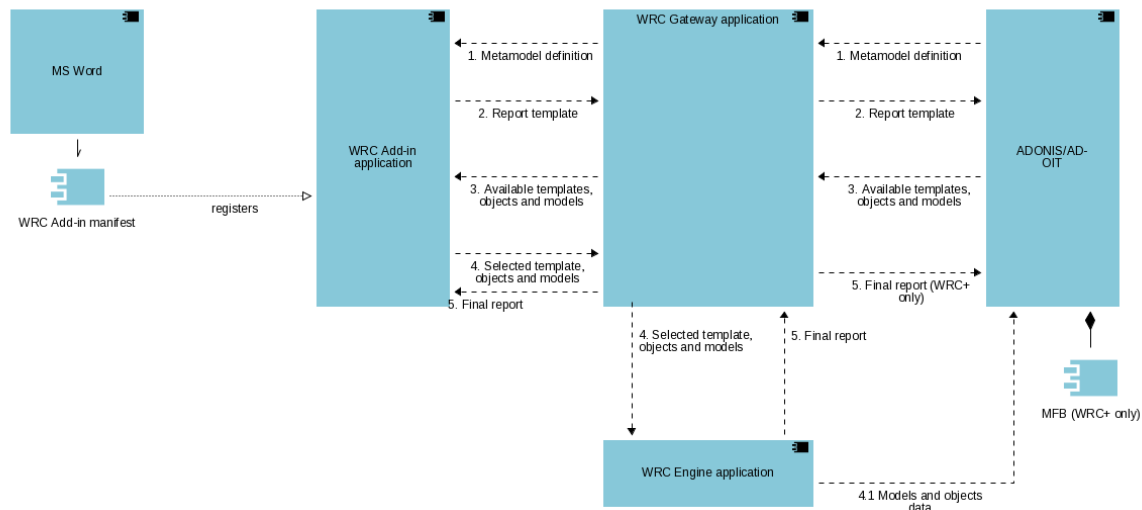
The image below represents typical users and use cases executed with WRC components (using ADONIS product as example). The detailed description of each use case is provided below the image.



1. The WRC designer creates a new template in MS Word, using WRC Add-in functionalities. After starting the WRC Add-in, user must login by providing ADONIS URL, user name (in ADONIS) and password.
2. After finishing the template, user can save the template (upload it) as a document object into ADONIS. ADONIS can recognize templates (based on folder name in object repository, by default "WRC template documents"). In WRC+ reports are automatically added to Reporting Board.
3. Any ADONIS user with can generate a report of models/objects data (considering user's access rights) based on the new template, either directly from Word (WRC and WRC+) or from ADONIS, e.g. Reporting Board (WRC+ only)

2. TECHNICAL ARCHITECTURE

The image below presents technical architecture for WRC deployment for SaaS customers. It is also possible to deploy WRC on-premise on customer's infrastructure (contact your customer account manager for more details).



All components with URL/location are listed below. All communication between applications is encrypted.

WRC COMPONENT	DESCRIPTION	URL / LOCATION
WRC Add-in manifest	Manifest file provided by BOC and shared in customer's network folder or via Centralized Deployment	File provided by BOC
WRC Add-in application	Web Add-in application for Microsoft Word	https://wrc-plugin.boc-cloud.com/ or directly GUI https://wrc-plugin.boc-cloud.com/taskpane.html
WRC Engine application	Web application generating reports (based on template and ADONIS/ADOIT data)	https://wrc-engine.boc-cloud.com/
WRC Gateway application	Web gateway application for Add-in which handles user session	https://wrc-gw.boc-cloud.com/
MFB (WRC+ only)	ADONIS/ADOIT MFB provided by BOC Account Manager and integrated with customer's Application Library	MFB provided by BOC