

# Release Notes 7.14.0

Final Release:  09 Feb 2024

This release contains the new Excel Template handler as well as an update to the Sharepoint Connector. Furthermore, Java 17 is now supported and mandatory.


Dashboard v2.21 remains the latest version.


Full list of releases and corresponding release notes can be found at <https://tim-doc.atlassian.net/wiki/spaces/DOC/pages/9175298/Release+Notes>

Feel free to contact our support for further questions,



Your Product & Development Team of TIM Solutions





 **This version only works with Java 17!**  
Java 17 is mandatory for this TIM version.

 **Database update instructions**  
For all updates coming from >= 7.10.2: we switched to automated database management - no manual database changes needed anymore.  
  
Coming from older Versions: make sure to update your database with the shipped SQL scripts to 7.10.2 before starting your application server with the newest Version.

## Installation Artefacts

Please remove all application artefacts from deployment folder and use only the new versions.

The current Release contains following artefacts:

-  Release Notes
-  TIM BPMN Engine (tim\_v\*.ear)
-  TIM Dashboard (dashboard\_v\*.war)
-  TIM OpenID client (tim-openid-client.war)

## Hardware Requirements

Available under - <https://tim-doc.atlassian.net/wiki/spaces/DOC/pages/3997635/System+Requirements>

## Software Requirements

| Application Server                                                                                                                                                                                                                                                                                                                                          | Java (on Server)                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Wildfly-29.0.1-Final</li></ul>                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>• Java 17 - Java SE Development Kit 17 or OpenJDK<ul style="list-style-type: none"><li>• all minor versions</li></ul></li><li>• <del>Java 11 - Java SE Development Kit 11 or OpenJDK</del><ul style="list-style-type: none"><li>• <del>all minor versions</del></li></ul></li></ul> |
| Databases / RDBMS                                                                                                                                                                                                                                                                                                                                           | Client requirements                                                                                                                                                                                                                                                                                                       |
| <ul style="list-style-type: none"><li>• MySQL<ul style="list-style-type: none"><li>• 8.x</li><li>• 5.7</li></ul></li><li>• Microsoft SQL Server<ul style="list-style-type: none"><li>• 2022</li><li>• 2019 (RTM-CU9)</li></ul></li><li>• Oracle<ul style="list-style-type: none"><li>• 12.2</li><li>• 19c</li><li>• 21c</li></ul></li><li>• Azure</li></ul> | <ul style="list-style-type: none"><li>• Google Chrome from version 80</li><li>• Mozilla Firefox from version 73</li><li>• Microsoft Edge from version 44</li></ul>                                                                                                                                                        |

## New features & improvements

| Key       | Changelog                                                                            | Module         | Component/S                       |
|-----------|--------------------------------------------------------------------------------------|----------------|-----------------------------------|
| TNR-15893 | By default, "send e-mail if new task was assigned" is active for new tenants.        | Administration | BEA - BackEndAdmin                |
| TNR-16588 | Major improvements to the Mobile browser views.                                      | Design         | REF - Refactoring                 |
| TNR-12291 | A beta version of the new Workflow Design is included.                               | Design         | WFD - Workflow Design             |
| TNR-3762  | A new Actionhandler to create Excel files was implemented: ExcelTemplateHandler      | Design         | ACT - ActionHandlers              |
| TNR-16185 | All 'Smartform' labels were renamed to 'Form'                                        | Main           | OTH - Other                       |
| TNR-15759 | Java 17 is now supported and Java 11 is not supported anymore.                       | Main           | OTH - Other                       |
| TNR-15727 | Sharepoint Connector: Implemented authentication with client certificate in Azure ID | DMS            | SOC - Sharepoint Online Connector |

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## Bugfixes

| Key       | Changelog                                                                                                            | Module                | Component/S                        |
|-----------|----------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------|
| TNR-16491 | The name column in task and instances lists was sometimes too narrow so that the content was wrapped multiple times. | Automate (TIM Engine) | PI - ProcessInstances, TSK - Tasks |
| TNR-16348 | Unintentionally added filters on "elapsed time" and "remaining time" were removed again.                             | Automate (TIM Engine) | TSK - Tasks                        |
| TNR-16261 | Under specific circumstances, MSSQL databases had an issue with the YearIDGeneration ActionHandler.                  | Database              | MSS - MSSQL                        |
| TNR-15562 | Sometimes the element control of TSD Webforms did not work correctly.                                                | Design                | TSD - TIMSmartformDesigner         |

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## Properties (tim.properties) added / changed

| Key       | Properties                                                                                                                                                                                                                                       | Module | Component/S                       |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------|
| TNR-15727 | sharepoint-online-scope-<TENANT_NAME>=https://&lt;SHAREPOINT_URL&gt;/default<br>sharepoint-online-client-assertion-type-<TENANT_NAME>=urn:ietf:params:oath:client-assertion-type:jwt-bearer<br>sharepoint-online-client-assertion-<TENANT_NAME>= | DMS    | SOC - Sharepoint Online Connector |

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## Actionhandlers / Decisionhandlers added / changed

| Key      | Actionhandlers                                                                                                                                                                                                                                                                                                     | Module | Component/S          |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|
| TNR-3762 | ExcelTemplateHandler: <ul style="list-style-type: none"><li>- template</li><li>- target</li><li>- documentPrefix</li><li>- locale = "de"</li><li>- interpretNumbersAsBoolean = true</li><li>- interpretBooleanAsHuman = false</li><li>- removeEmptyTableRows = false</li><li>- overwriteExisting = false</li></ul> | Design | ACT - ActionHandlers |

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