Licensing

Planon Software Suite

Version: L104

About this Document

Intended Audience

This document is intended for *Planon Software Suite* users.

Contacting us

If you have any comments or questions regarding this document, please send them to: support@planonsoftware.com.

Document Conventions

Bold
Names of menus, options, tabs, fields and buttons are displayed in bold type.

Italic text
Application names are displayed in italics.

CAPITALS
Names of keys are displayed in upper case.

Special symbols

	Text preceded by this symbol references additional information or a tip.
	Text preceded by this symbol is intended to alert users about consequences if they carry out a particular action in Planon.

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About Licensing

This document describes the concepts and principles of licensing as applied in Planon ProCenter.

Planon ProCenter uses the following types of licenses:

- **Module license**: This type of license enables access to a specified set of Planon ProCenter modules. It can be valid for a particular time span. This type of licence is also known as *concurrent license*.

- **Hit count license**: This type of license is based on paying for the hits incurred against a PSS module. PSS discerns the following types of licenses:

  - **Module based**: Here you can either have a specific number of available hits per module, or a license for unlimited module access.

  - **Bundle based**: Here you can choose several options:

    - **Query bundle**: This type of license allows you to retrieve information from the Planon database to create lists or reports.

    - **Transaction bundle**: This type of license is meant for modules in which you are allowed to make modifications (e.g. submit a reservation, an order, etc.)

- **Data license**: This license is specific to Connect for Analytics and REST API, which registers data usage and is similar to hit count license.

- **Named license***: This type of license provides access of specific, named users to Planon products. The license defines a number of users. In Planon ProCenter, specific user groups should be linked to the product. A user group can contain multiple users.

> ℹ️ * The named license type is deprecated and will in time be removed (when the related products go out of support). Instead, the Solution license type has been made available.

- **Solution license**: This type of license provides access of specific, named users to Planon solutions. The license defines the number of users. In Planon ProCenter, specific user groups should be linked to the solution.

- **Volume license**: This license type is based on how many business objects with certain properties a user can have in the application.

  Volume based licensing does not allow or restrict user access to Planon, instead it allows or restricts the creation of business objects with certain characteristics.

  The current volume of every licensed product is stored in **License Manager**.

- **Active user license**:

    A license type that enables access to Planon products (apps and Planon Self-Service) for which it is not possible to assess up front how many users will be using the functionality.

> ℹ️ • It is possible to create alerts and reports on a license. For example, you can create a notification about any pending license expiry so that you can take action on time. For more information about this topic, see Alerts.
> • To ensure that customers cannot inadvertently lock themselves out because of an expired license, the License TSI is always available to customers.
> • When restarting an environment in the Cloud cockpit, the default license is loaded into the environment.

How does module licensing work in Planon ProCenter?

- When a Planon ProCenter session is opened, a license is consumed.

- A check is performed whenever a new user logs into Planon ProCenter. The number of concurrent users cannot exceed the allowed number of users. The system checks whether the user count of the concurrently logged in users is within the licensed users count. If it exceeds the maximum number of concurrent users, the system throws an error message and the user is logged out of the system. The user can log in again only after one of the logged in users logs out of the application.

- At the first login, Planon ProCenter validates whether the user belongs to the right database type (MSSQL or Oracle).

- At login, Planon ProCenter checks the expiry date of the license.

- When a license is in use and Planon ProCenter crashes, it cannot return the "usage ticket" and the server will continue to block the license. To prevent this blocking of a license, the client checks the server every x minutes (System Settings > Web application > Session time-out) to indicate that it is still active. If the server does not receive the ping, it makes the license available.

- When a license is in use on the Planon Web Client and no actions have been executed (session time-out, also when the tab is closed without logging out), the license is available again.

- When a license is in use on the Planon Web Client and the browser (not the tab) is closed, the license could be available again. This does not work for all brands of browsers.

How does hit count licensing work?

- When a Planon Self-Service hit occurred (add/list), this hit is registered in the hit count data table. Used hits are only updated on a daily basis; you do not see this until one day later.

> **i** For more information on hit counts in Self-Service, refer to Licensing – Hit counts in Self-Service.

- With a module license type, hits are registered in the Hit count data table when performing actions on a specific module.

- With a bundle license type, hits are registered in the Hit count data table when creating a list or report (Query bundle) or when making modifications to a module (Transaction bundle).

- Hits incurred for Planon Self-Service are, each day, combined in the hit count year table.

- Each year a number of hits are available, if the number is exhausted the feature can no longer be used.

- If the number of hits is exhausted, a license with a greater number of hits should be bought.

- The hit count threshold can be monitored (for example, by creating a notification) to prevent running out of hits.

> **i** For more information on hit count data, see *System Settings* > *Hit count data*.

How does named licensing work?

> **i** * The named license type is deprecated and will in time be removed (when the related products go out of support). Instead, the Solution license type has been made available.

- In **Product definitions**, user groups can be linked to named license products to provide access to the named license product.

- Only users linked to the named license product can use the named license product.

- It is not possible to add more (unique) users than specified in the named license.

- If the number of linked users is greater than the license describes, a user group should be removed from the named license product. Alternatively, you also remove users from other user groups to be able to add a new user group to the named license product.

- Planon checks against these criteria, when:
  ◦ Linking the product definition to a user group.
  ◦ Linking a user group to a product definition.
  ◦ Adding users to a user group.

For more information on providing access to named products, see *Authorization* > Product definitions.

How does data usage licensing work?

Data usage licensing is a license type that is used by **Connect for Analytics** and the **REST API**.

Based on the hit count licensing mechanism, data usage licensing measures the volume of data used (in MB).

However, data usage licensing differs from hit count licensing in that:

- GBs do not expire after a year.

- GBs cannot be included in a bundle or solution license.

- GBs can be delivered in a license also containing hit counts or solution licenses.

The customer pays for the MBs downloaded through the OData Connector. The usage is sold/licensed per GB, but measured in MB. Assuming a customer retrieves 10GB daily from the data lake, that would be 3.65 million "counts" a year, registered in our license system.

Planon counts the KBs used and when you exceed 1MB, a tick is registered. So if you use 500KB, nothing is registered but if you then use 600KB, you have 1 MB incurred and 100KB is retained:

KBs used	Accumulated	Ticks registered	In memory (KBs)
500	500	0	0
600	1100	1	100
900	2000	2	0

How does solution licensing work?

- In **Solution licenses**, user groups can be linked to solution licenses to provide access to the modules included in the solution. The modules disclosed are listed on the product list that comes with the license key.

- Only users linked to the solution license can use the modules in the solution.

- It is not possible to add more (unique) users than specified in the solution license.

- If the number of linked users is greater than the license describes, a user group should be removed from the solution license. Alternatively,

you can also remove users from other user groups to be able to add a new user group to the solution license.

- Planon checks against these criteria, when:
  - Linking the solution license to a user group.
  - Linking a user group to a solution license.
  - Adding users to a user group.

> ℹ️ Linking or unlinking a solution license to a user group is subject to security logging. For more information about this topic, see Security logging (Administrator's Guide).

How does Service provider licensing work?

The Service Provider TSIs come with their own licenses. These TSIs with their business objects and fields become accessible only when the licenses are obtained. You must have at least one TSI licensed with one of the Service Provider licenses before switching to the Service Provider mode.

> ℹ️ The business objects (BOs) and fields that are specifically available for the Service provider TSIs are not accessible in the Workplace management solution mode.

How does Active user licensing work?

1. When logging on to the Planon application and selecting an app (for example,Mobile apps or Planon Self-Service), the application will check whether the user is licensed for this product.
2. If this is not the case and an Active User License is available, this license will automatically be linked to this user.
   - This license will remain available for this user for a minimum retention of 90 days.
   - If this user again uses the app, the minimum retention period of 90 days starts anew.
   - If this user does not use the app again, the Active User License is made available again.

Active user license

Active user license fields

Licensing – Concepts

The following concepts are explained in this section:

- Day code
- Excess usage
- Grace period
- Hit
- Hit count
- Hit count license
- Module license
- Named license
- Solution license
- Volume license

Active user license

A license type that enables access to Planon products (apps and Planon Self-Service) for which it is not possible to assess up front how many users will be using the functionality.

By using this license type, the customer does not have to:

- Purchase a great volume of licenses that will not be used for the most part.
- Link each license to a user.

Consequently, this license type is more cost efficient and requires less maintenance.

How does Active user licensing work?

Day code

A temporary license code that gives access to Planon ProCenter for one day. This type of license only applies to module licenses.

If customers have not purchased a license for specific configuration modules, they will not be able to configure the application. In order to do this for them, Planon consultants may request a day code license and perform configurations to meet the customer's demands.

Excess usage

A record that is kept of all data that is related to access (attempts) to modules not covered by the current user license.

Customers may use the data from this record to analyze the usage of Planon ProCenter modules. The data retrieved from this record is useful in creating a cost-benefit analysis.

Grace period

A temporary license that customers may use to evaluate their organization's usage of Planon ProCenter. This type of license only applies to module licenses.

A grace period license is valid for a predefined period. During this period, a usage log is created which will allow customers to analyze the license usage by their organization and which will help determine if there is a need for more concurrent user licenses.

Hit

One of several predefined actions in a Planon application that results in incrementing the hit count.

Each action that is identified in the application as a hit, results in incrementing the hit count. Examples of actions are: Add, Save and Cancel. Hits are registered per product/date. A record of hits is maintained in System Settings > Hit count data.

Hit count

The number of hits incurred against Planon applications. Whenever a hit occurs, the hit count is increased.

A record is kept for each action that results in incrementing the hit count sum. This record is maintained in System Settings > Hit count data.

Hit count license

A license type that is based on an annual consumption of 'hits' per module. This type of license is only available for Planon Self-Service.

Each action that is identified as a hit is recorded against the module, per year. The hit count record is maintained in System Settings > Hit count data year. Here, you can see how many hits are used per module, per year. You can also specify a threshold. At the start of a new calendar year, the **Max. hit count** field is reset, to reflect the available hits for that year.

Module license

A license type that is based on a maximum number of concurrent users per module.

The customer's license specifies the number of maximum concurrent users per module. If the number of maximum concurrent users is met, the subsequent user is blocked from accessing this specific module.

Named license

> ℹ️ * The named license type is deprecated and will in time be removed (when the related products go out of support). Instead, the Solution license type has been made available.

A license type defining a number of users. The users can be specified by an administrator by linking user groups to products (or vice versa).

Users in a user group that are not linked to a Planon named product, cannot use the product. It is possible to link several products to a user group, up to the number that is specified in the license for this named product. You can recognize a named product by the product code in the product definition.

Solution license

A license type that is based on a fixed number of named users per solution (a set of modules). An administrator can provide solution access to users by linking user groups to solutions (or vice versa). Users in a user group that are not linked to a solution cannot use the modules included in that solution.

The **solution license** list is displayed at following locations in the Planon application:

• User groups > User group details > Solution licenses.

• System settings > License > License usage > Solution licenses.

Volume license

A license type based on how many business objects with certain properties a user can have in the application.

Volume based licensing does not allow or restrict user access to Planon, instead it allows or restricts the creation of business objects with certain characteristics. It authorizes saving of a business object.

The current volume of every licensed product is stored in **Licenses**.

Volume license for property sets

- When a property set is added and the volume is exceeded, an error is displayed.

- When a property set is deleted, the volume is decreased.

- Even if the volume exceeds, it is still possible to work with an existing property set.

Volume license for Lease accounting

Lease contracts with lease accounting calculations cannot be registered if the number of leases exceeds a maximum number. Via a license, the maximum number of allowed lease contracts is registered and the number of leases is counted. If the maximum value is exceeded, you must increase the maximum value before you can have more lease contracts in the application.

- Leases are counted per lease line when the lease line is based on lease accounting (linked to an accounting standard)

- The lease is counted for leases in the status **Precalculate** or **Active**.

- The lease is no longer counted if the lease is set to an end status (the final status in the life time of a lease) or when the lease is terminated.

Product definitions

For each Planon product, there is a product definition. All Planon product definitions are available on the User group details selection level. You can link user groups to a product definition to grant the user group access to this product.

By default, no particular product definition is assigned to a user group. It means that all user groups can access all available products.

Available product definitions

The following table lists the available product definitions and the products to which they provide access.

> For users to be able to use the products listed, make sure that the appropriate user group is linked to the corresponding product definition.

Product	Product definition / Name	Description
Analytics	Planon Analytics connector	Extends the operational Planon system with a data lake and a data connector to external data analytics tools. This makes it easy to extract data for reporting, analytics and predictions with standard BI tools.

Product	Product definition / Name	Description
		For more information, see Connect for Analytics.
Apps	Apps Planon Apps	⚠️ Planon Apps has been phased out. If you upgrade your Planon software after December 01, 2021 to version L64 or higher (except for version L75), the Planon Apps will no longer work. Although Planon Apps will remain in the App stores until December 01, 2022, end-of-support policy applies. Planon has developed a new mobile self-service solution: the Planon Workplace Engagement App. Please contact your account manager for information about the possibilities of the new Workplace Engagement App and how to obtain it. Existing users who have not migrated yet can refer to *Planon Apps* for product information until December 01, 2022.
AppSuite	PMFS Planon Mobile Field Services	**My jobs** module for field engineers to get and maintain jobs on their mobile devices. The app supports the whole workflow of job handling (starting, traveling, completing, pausing, ending jobs), scanning assets codes, meter readings, modifying activities and more. The product definition also includes the Service requests module to enable field engineers to add new jobs. For more information, see the *PMFS configuration guide*.
AppSuite	PMFS-PRO Planon Mobile Field Services with support for Stock	Same features as in PMFS, but with additional **Materials** module that supports a stock requests workflow and mobile stores. For more information, see the *AppSuite - configuration guide*.
AppSuite	PMAV	Graphical display of assets in an integrated viewer.

Product	Product definition / Name	Description
	Planon Mobile Asset Viewer	For more information, see the *AppSuite - configuration guide*.
AppSuite	PMBV Planon Mobile BIM Viewer	BIM (Building Information Modelling) viewer provides 3D modeling representation of the assets and building elements in a building.
		For more information, see the *AppSuite - configuration guide*.
AppSuite	PMPV Planon Mobile Property Viewer	Provides easy access to property information you may need while working on a maintenance job. The search functionality enables users to find the correct building information via one or more search criteria.
		For more information, see the *AppSuite - configuration guide*.
AWM	AWMDataEngine Planon AWM Data Engine	Enables you to use the functionality for managing and monitoring space occupancy and space usage and create corresponding reports. The occupancy information is gathered by using sensors.
		For more information, see Agile Workplace Management.
Connect for AutoCAD	EnterpriseServiceAPI Planon ProCenter Enterprise Service API	A plug-in that is integrated into AutoCAD and enables AutoCAD users to maintain Planon ProCenter data in their CAD drawings.
	JsonServices Planon JSON services	For more information, see Connect for AutoCAD.
Connect for Outlook	Exchange Planon ProCenter Connect for Outlook	Allows users to use Microsoft Exchange clients such as Outlook / Web Access to invite attendees and create reservations in Planon ProCenter. Through Connect for Outlook, reservations in Planon ProCenter are synchronized with Exchange so the user can see the

Product	Product definition / Name	Description
		availability of rooms and attendees in one view in their calendars.
		For more information, see Connect for Outlook.
EventConnector	Event Connector	A gateway between third-party applications and Planon. It is designed to process messages that are sent by another application and which need to be processed in the Planon application, and vice versa. By using Event Connector, third party application messages can be received and processed through a Decision Model to determine if/what further action is required.
		For more information, see Event Connector.
IDE	Integrated development environment	Unlocks the ability to enable an Integrated Development Environment in your Planon application. By using the IDE, you can set up your own developer's workspace and create apps that interact with the Planon application via business rules.
		For more information, see Platform apps.
PSS2	PSS2 Planon ProCenter Self-Service	Creating web forms to be linked to your Planon application. For more information, see Web configuration.
Resource Planner	EnterpriseServiceAPI Planon ProCenter Enterprise Service API	Enables you to use a graphical planning tool. It gives access to one or multiple specially configured planboards, on which you can assign work to available resources quickly and easily.
Scheduler/ Alerts	Scheduler Planon ProCenter Planned Services Scheduler	Allows you to create and schedule jobs or notifications/alarms for events that occur and for which you need or want to be informed. Typically with a notification an email sent to a designated person; an alarms results

Product	Product definition / Name	Description
		in a visual notification in the user interface of the appropriate person. For more information, see Alerts.
Web Client	PPWeb Planon ProCenter Web Client PSS2 Planon ProCenter Self-Service	To enable access to the Planon application via an Internet browser.

WebDAV	WebDAV
	WebDAV_Audit
	WebDAV_Backup
	WebDAV_PEET
	WebDAV_TMS
	WebDAV_Webservices
		When enabling OpenID connect authentication for WebDAV (Cloud only) in the Environment Management gadget, you must assign the various WebDAV product definitions to the appropriate user group(s).
		
		• WebDAV
		   For access to images and documents.
		
		• WebDAV_Audit
		   For access to audit logging.
		
		• WebDAV_Backup
		   For access to database back-ups.
		
		• WebDAV_PEET
		   For access to Enterprise Talk (PEET) folders.
		
		• WebDAV_TMS
		   For access to Tailor Made Solution folders.
		
		• WebDAV_Webservices
		   For access to Web services.
		
		For more information, see OpenID connect.

Product	Product definition / Name	Description
Web Services	PPWS Planon ProCenter Web Services	A service to enable and implement a Service Oriented Architecture in which multiple enterprise applications can be linked to share data via an interfaces to connect these applications. For more information, see Web Services.

Licensing – Features

- Loading a license (first time)
- Updating a license
- Viewing (module) license usage information
- Activating a grace license
- Checking the volume license status
- Excess license usage

Loading a license (first time)

> **ℹ** A customer specific license is supplied by Planon.

Procedure

1. Put the encrypted license in a license.lic file.
2. Place the license.lic file in the folder in the installation directory ... \Server\wildfly-*\standalone\configuration folder in the installation directory.
3. When the application server is restarted the license will be activated (the file will be renamed to license.lic.loaded).
4. After starting the application, the license information is read and validated and the information is then moved into the customer database, and is displayed in the License field.

Marketplace

A (new) Planon license contains Marketplace registration credentials.

When loading or updating a license and the following conditions apply, you will automatically be registered for the Marketplace:

- You are not yet registered in the Marketplace
- You have not disabled the Marketplace

You will then get a unique, customer-specific access key. In Log viewer, you can verify the progress of registration.

After registration, your Marketplace settings will be updated with the access key and Marketplace URL.

See also: Marketplace settings.

Apps

If your license contains apps, the app license(s) will automatically be created or updated.

Updating a license

You can update the Planon ProCenter license by performing the following procedure.

> ℹ️ A customer specific license is supplied by Planon.

1. On the License step > License text box, enter the encrypted license you received from Planon.
2. Click Save. The license information is updated in your application.
3. The license key is decrypted and the license information is displayed on the General tab.

> ⚠️ When loading a Planon Self-Service license, updating a license requires a positive result when subtracting the consumed hits from the licensed number of hits. Inserting a license containing less hits than already consumed will result in an error.

For a description of read-only information, refer to License fields.

Marketplace

A (new) Planon license contains Marketplace registration credentials.

When loading or updating a license and the following conditions apply, you will automatically be registered for the Marketplace:

- You are not yet registered in the Marketplace
- You have not disabled the Marketplace

You will then get a unique, customer-specific access key. In Log viewer, you can verify the progress of registration.

After registration, your Marketplace settings will be updated with the access key and Marketplace URL.

See also: Marketplace settings.

Apps

If your license contains apps, the app license(s) will automatically be created or updated.

Viewing (module) license usage information

The **License Management** TSI also allows you to view license usage to know how many users are concurrently logged in and what modules are in use.

- At the **License usage** level, you can see the concurrently logged in users. This information helps in the situations when a user cannot use

a module as all licenses are in use. The user will know who are the other users using the module.

- At the **Module license usage** level, you can view the modules that are in use by different users. Licenses are used up by the users until they log out.
  Sessions may be terminated:

  ○ By logging out (or clicking **Close**).

  ○ Automatically, when the time-out specified for the web server has been reached.

- For a description of read-only information, refer to License usage fields and Module license usage fields.

Activating a grace license

A grace period license is valid for a predefined period. This license can be supplied by Planon to allow customers to investigate the use of Planon. During this period, no check is done on the number of concurrent users. However, a log with the following information will be created:

- Module license usage

- Unlicensed TSI access, and

- Licensed modules

  This allows customers to analyze the license usage by their organization and helps determine if there is a need for more concurrent user licenses, see also Excess license usage.

⚠️ A grace period license is not available for PSS licenses nor Named licenses.

The Grace period license key is encrypted and when entered in the application, removes the limitation on the maximum number of concurrent users for the license bought by the customer.

When a grace period license key is received, follow the procedure below to activate it:

1. In License Management > Licenses > Grace period key field, enter the Grace period key. For a description of the automatically populated fields, refer to License fields.

2. Click Save. The grace period is activated on the start date when the grace period begins.

Checking the volume license status

To check your volume license status specially when adding a new property set or when you get a error while creating one:

1. Go to **System Settings** > **License**.

2. Go to the **License usage** step > **Volume license** .

3. Select the volume license of which you want to check the status. For more information about each field, refer to Volume license fields.

Excess license usage

In the License Management > Excess license usage level, you can view all kinds of data related to unlicensed access to Planon ProCenter. The following sections describe the kind of data you can view at the various steps of this level.

Viewing denied access

The denied access logs are recorded in the Excess license usage > Login attempts denied step. This step provides an overview of the number of users denied access to the application. The reason for denying access can, for example, be because of accessing an unlicensed module, or because there are too many concurrent users.

For a description of the fields on this step, see Excess license usage fields.

Viewing excess license usage (Grace license)

You can determine if there is an excess license usage using a grace licenses.

The grace period – excess license usage allows the customer to assess whether the maximum number of concurrent users for the acquired licenses needs to be changed.

The logs of excess license usage are recorded in the Excess license usage > Grace period - excess license usage step.
The data on this step gives you an estimation of how many concurrent users have access to the licensed modules of the application. Logging is done whenever there is an excess usage of the modules beyond the basic usage limit of the license. The logging happens for both excess usage and usage of an unlicensed module.

For a description of the fields on this step, see Excess license usage fields.

Viewing day code license usage

The logs of day code license usage are recorded in the Excess license usage > Day code – license usage step. This step provides an overview of the use (applying) of the day code.

For a description of the fields on this step, see Excess license usage fields.

Licensing – Hit counts in Self-Service

The following table displays the scenarios of hit count increment in Planon Self-Service modules.

Module	Scenarios of Hit count increment in each module
Reservations	The hit count will be incremented by one: • After each successful creation or modification of a reservation. • For repeated reservations, each item that is repeated counts a hit. • For Visitors, hit count will be incremented by one only if a visitor is added and not for any modification. • For Orders, hit count will be incremented by one if an order is added or even modified. In the Reservations module, Visitors and Orders (Catering) use separate licenses and Hit count. Note that, using the Reservation list does not increment hits.
Move Manager	The hit count will be incremented by one: • After each successful creation or modification of a move request. • Upon adding a group of personnel move lines or asset move lines (an increment by one for each move line). • Upon adding/changing a single move line.
Orders	The hit count will be incremented by one: • After each successful creation or modification of a work order (or catering for a reservation). Note that using the Order list page does not increment hits.
Publisher	There is no hit count on this module.

Module	Scenarios of Hit count increment in each module
Service requests	The hit count will be incremented by one: • After each successful creation of a service call. Note that using the Service list page, however, does not increment hits.
Visitors	The hit count will be incremented by on: • After each successful creation of a visitor registration. Note that using the Visitors list, however, does not increment hits.
Workflow	The hit count will be incremented by one: • After each successful modification of a work order registration.
Knowledge base	There is no hit count on this module.
Service List	When you access another web definition via a service list (e.g. service request) the hit count of that module will apply. The service list itself does not count hits.
Service Desk	The Service Desk module is a licensed module. Hence, no hit counts will be applied for this. Note that case parts started from the Service Desk, like service calls and the reservation wizard, also do not register any hit counts. Visitors and catering in a reservation wizard started from the Service Desk do not register hit counts.

Field descriptions

The following section(s) describe(s) the fields, their purpose and meaning.

License fields

Field	Description
General	
Customer code	Displays the customer code from the license file.
Customer name	Displays the customer name from the license file.
Partner ID	Displays the name of the partner for whom the license is created.

> ℹ️ For apps, the partner ID of an app must be equal to the partner ID of the license.

Field	Description
Expiry date	Displays the license expiry date.
Order number	Displays the Planon order number of the request for license.
Version number	Displays the license version number.
License type	Displays the license type.
Number of users	Displays the number of users allowed in the license.
License	The encrypted license key.
App name	Displays the name of the app for which the license is created.
Grace period	Displays the start and end date of the Grace period for the excess usage of the license.
Grace period (Order number)	Displays the Planon order number for the grace period.
Grace period (version)	Displays the Grace period key version.
Grace period key	Allows you to enter the Grace period license key.

Field	Description
Technical details	
Technical details	Displays all license-related information.

Solution license fields

Fields	Description
Code	The code of the license.
Name	The license name.
Users	The number of users linked to the license.
Number of licenses	The number of available licenses (in total) for this license.
User group detail	Displays the user groups that have been linked to the license.
Threshold	Allows you to specify a percentage based threshold. When setting a threshold and the number of users vs the number of licenses becomes greater than the allowed threshold percentage, the **Threshold reached?** field will be set to **Yes**. Conversely, when the number of users vs number of licenses becomes less than the threshold percentage, the **Threshold reached?** field will be set to **No**.
Threshold reached?	Indicates whether the percentage based threshold is reached (**Yes**) or not (**No**). It is possible to create an alert on the status of this field. This will allow system administrators to be updated when the threshold is reached so steps can be taken to obtain more licenses or change the configuration where needed.

Volume license fields

Field	Description
Code	Displays the code from the license file.
Name	Displays the name from the license file.
Volume	Displays the volume of the license.
Max volume	Displays the maximum volume of the license.
Unlimited	Displays if the license is set to **Limited** or **Unlimited**.

Excess license usage fields

Field	Description
License code	Displays the code of the license that is loaded.
License name	Displays the name of the company or organization to which the license is registered.
Inserted by	Displays the name of the user who tried to log in.
Insertion date-time	Displays the date and time of the login.
Number of excess users	Displays the number of excess users.
Max. number of concurrent users for license	Displays the number of concurrent users as specified in the license.

License usage fields

Field	Description
Start date	Displays the date and time a module was accessed by the logged in user.
Reason for session closure	Displays the reason for closing the session.
End date	Displays the session's end date and time.

Field	Description
User code	Displays the name of the user accessing the module.
Last accessed	Displays the date of accessing the module.
License key	Displays the license key, assigned by the application.
Session ID	Displays the user's session ID.

Module license usage fields

Field	Description
Start date	Displays the date and time that the module was used.
License usage	Displays detailed license information that is shown when clicking the information icon behind the field. The details displayed are also available on the License usage level.
Module license code	Displays the code of the module that was accessed.
Session ID	Displays the user's session ID.
Module closed reason	Displays the reason for closing the module.
Module license name	Displays the name of the module that was accessed.

Active user license fields

Active user license

Field	Description
Code	The code of the license.
Name	The license name.
Threshold	Allows you to specify a percentage based threshold.
	When setting a threshold and the number of users vs the number of licenses becomes greater than the

Field	Description
	allowed threshold percentage, the **Threshold reached?** field will be set to **Yes**.
	Conversely, when the number of users vs number of licenses becomes less than the threshold percentage, the **Threshold reached?** field will be set to **No**.
Threshold reached?	Indicates whether the percentage based threshold is reached (**Yes**) or not (**No**).
	It is possible to create an alert on the status of this field. This will allow system administrators to be updated when the threshold is reached so steps can be taken to obtain more licenses or change the configuration where needed.
Retention period	Displays the number of days left in the retention period.
	(A value between 30/365 days).
Number of licenses	The number of available licenses (in total) for this license.
Users	The number of users linked to the license.

Active user license usage

Field	Description
Active user license	Displays the active user license.
User	Displays the user linked to the active user license.
Last access date	Displays the date on which the user last requested the license.

How does Active user licensing work?

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