

ETAS License & Download Portal Guideline

How to use the Portal



DRIVING EMBEDDED EXCELLENCE

ETAS License & Download Portal Guideline

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1. Getting Started

1. Getting Started

1.1 Introduction



This is the Getting Started Guide to the ETAS License and Download Portal. This document is an introduction to terminology and concepts, and a basic primer on tasks you can perform with the Portal. It is meant for use by software customers to allow them to track and manage their License assets and Downloads.

Technical Support is available to customers with current maintenance contracts. Please include the following information with your inquiry:

- Product Name and Version
- Activation ID
- Operating System Name and Version

Contact the support center for your area:

<http://www.etas.com/en/hotlines.php>

A screenshot of the ETAS License & Download Portal login page. The page features the ETAS logo at the top left with the tagline "DRIVING EMBEDDED EXCELLENCE". The main heading is "ETAS License & Download Portal". Below this is a "Login" section with three radio button options: "With Username (Your Email)" (selected), "With Entitlement ID", and "With Activation ID". There are input fields for "Username" and "Password", and a dropdown menu for "Language" currently set to "English (United States)". At the bottom right, there is a "Forgot password?" link and a blue "Log in" button.

1. Getting Started

1.1 Introduction

You can use the ETAS License and Download Portal to create and manage licenses and to download software packages:

- Generation and tracking of software licenses
- Transparency of license terms, such as maintenance expiry dates
- Flexible login capacity
- Download of purchased software packages, Service Packs, Upgrades and Hotfixes
- Support for several license-related transactions, both before and after license generation, such as...
 - Activation
 - Return
 - Rehost
 - Consolidation
 - Viewing and printing Entitlements



The screenshot shows the ETAS License & Delivery Portal interface. At the top, the ETAS logo is displayed with the tagline "BRINGING EMBEDDED EXCELLENCE". Below the logo is a navigation bar with links for "Home", "Activation & Entitlements", "License Support", and "Downloads". The main heading reads "Welcome to the ETAS License & Delivery Portal".

The interface is divided into several sections:

- Current License Entitlements:** A table with columns for "Activation ID", "Product", and "Last modified". It lists several licenses, including "ES_ASCETDEVELOPER_LIC-UP" and "ISW_INCA_LIC-CP".
- Available Downloads:** A section with a "Public Downloads" list, including "INCA", "INTECRIO", and "ISOLAR". A note below states: "To activate the software, you need a license file."
- Recently Released Files:** A table with columns for "Description" and "Date". It lists various files such as "INCA_7.2_SP13_Multilingual" and "ERRORCELL".

1. Getting Started



1.2 Access to the ETAS License and Download Portal

a) Access to manage your ETAS Licenses

<https://license.etas.com/>

There are several options to enter the portal:

With Username and Password

You will be enabled to see and manage all Activations in all the Entitlements assigned to your account (e.g. for a tool coordinator responsible for several Entitlements)

With Entitlement ID

Will allow you to see and manage all Activations in the entered Entitlement (e.g. for a company with only one Entitlement)

The screenshot shows the ETAS License & Download Portal login interface. At the top left is the ETAS logo with the tagline "DRIVING EMBEDDED EXCELLENCE". The main heading is "ETAS License & Download Portal". Below this is a "Login" section with three radio button options: "With Username (Your Email)" (selected), "With Entitlement ID", and "With Activation ID". There are input fields for "Username" and "Password", and a "Language" dropdown menu currently set to "English (United States)". A "Forgot password?" link and a blue "Log in" button are positioned to the right of the password field. Below the login section are three expandable menu items: "User Management", "Product Evaluation", and "Access to Non-Public Downloads", each with a brief description and a "Please click here." link.

1. Getting Started



1.2 Access to the ETAS License and Download Portal

With Activation ID

Will allow you to see and manage the entered Activation (e.g. for a user who is given the information by a tool coordinator to allow him/her to activate one license)

You are of course, free to use whichever method suits you best at the moment!

To **enable** also the **Download functions** in the Portal, a personal user account is needed. How to create please see on the following sites.

ETAS
DRIVING EMBEDDED EXCELLENCE

ETAS License & Download Portal

Login

With Username (Your Email)
 With Entitlement ID
 With Activation ID

Username
Password
Language
English (United States)

[Forgot password?](#) [Log in](#)

User Management ⓘ
You want to add a user to the existing License Entitlements of your company? Please click here.

Product Evaluation ⓘ
You want to evaluate an ETAS product. Please click here.

Access to Non-Public Downloads ⓘ
You need a registration to complete a download (e.g. Whitepaper, Known Issues Report)? Please click here.

1. Getting Started



1.2 Access to the ETAS License and Download Portal

b) Enable Downloads in the Portal

- If you already have a valid ETAS FNO Customer Portal User with Password, you can extend your User to access also the Downloads in the Portal (valid Activation ID or Entitlement ID is needed).
- If you do not have a valid user and you want to evaluate ETAS Software you can use the **Product Evaluation** link to register yourself and select an available Evaluation Product.
- If you only need access to the ETAS Non-Public Downloads you can use the **Access to Non-Public Downloads** to register yourself.
- If you are already registered for Evaluations or for Downloads you are automatically also enabled to access the Non-Public Downloads.

User Management ⓘ

You want to add a user to the existing License Entitlements of your company? Please click [here](#).

Product Evaluation ⓘ

You want to evaluate an ETAS product. Please click [here](#).

Access to Non-Public Downloads ⓘ

You need a registration to complete a download (e.g. Whitepaper, Known Issues Report)? Please click [here](#).

1. Getting Started

1.3 Registration

1.3.1 User Management

With this function it is possible to add another user to an account.

For this purpose, an already existing Entitlement or Activation ID from the account is required for authentication.

Please click **“here”** to start the process.



The screenshot shows the ETAS License & Download Portal login interface. At the top left is the ETAS logo with the tagline "DRIVING EMBEDDED EXCELLENCE". The main heading is "ETAS License & Download Portal". Below this is a "Login" section with three radio button options: "With Username (Your Email)" (selected), "With Entitlement ID", and "With Activation ID". There are input fields for "Username" and "Password", and a "Language" dropdown menu currently set to "English (United States)". A "Forgot password?" link and a blue "Log in" button are located to the right of the password field. Below the login section, there are three expandable menu items, each with a chevron icon: "User Management" (highlighted with a red box), "Product Evaluation", and "Access to Non-Public Downloads". Each menu item includes a short description of its function.

1. Getting Started

1.3 Registration

1.3.1 User Management

In order to perform the registration, the mandatory fields in the form **Contact Information** must be filled in. Optional fields are marked with (optional).

For the authentication of the account association an Entitlement or Activation ID from the existing account must be entered.

Please note: The user credentials will be sent to the e-mail address specified here. Only business e-mail addresses are allowed.



The screenshot shows the ETAS User Management registration page. At the top left is the ETAS logo with the tagline "DRIVING EMBEDDED EXCELLENCE". At the top right, there is a language selector set to "English". The main heading is "User Management". Below this is a "Contact Information" section with a sub-heading and a note: "To add a new user to your company's existing license entitlements, we need the following user information. We pay strict attention to the privacy of your data (see Privacy Policy)." There are two radio buttons for "Type of ID": "Activation ID" (selected) and "Entitlement ID". Below this are input fields for "Activation | Entitlement ID", "First name", "Last name", "E-mail, business" (with an information icon), "Phone (optional)", "Company", "Street & house number", "City", "Postal code", "State (optional)", and "Country" (a dropdown menu currently showing "United States"). Below the contact information is a "Privacy policy and further information" section with two checkboxes: "I would like to receive information about new downloads on offers (optional)" and "Privacy Policy read and agreed". A blue "Register Account" button is located at the bottom right of the form. The footer contains copyright information: "© ETAS 2018 Sitemap Terms of Use & Privacy Policy Help".

1. Getting Started

1.3 Registration

1.3.1 User Management

The registration is always completed with a message.

If the user account has been created, you will receive the corresponding message and an e-mail with the login information will be sent to the specified e-mail address.

If you do not receive an e-mail, please check

- The e-mail address provided
- Your spam folder

If these are not the causes, please contact our support.

If a user account already exists for the specified e-mail address and you may not be aware of this, you can use the password reset function to use this user account again.



Your user account has been created

What's the next step?

You will receive an e-mail with your access data for the ETAS License & Download Portal.

The provided password is valid for 48 hours. Please change the provided password to a personal password during your first login.

Login

You have not received an e-mail? Please check your spam filter for the e-mail address etas.licensing@etas.com or contact our Support.

This user already exists.

What's the next step?

You have forgotten your Password? If you need help, please contact our Support.

Login

1. Getting Started

1.3 Registration

1.3.2 Product Evaluation

With this function it is possible to register for evaluation of an ETAS Software Product.

If the software you want to evaluate already uses FlexNet embedded, you will receive an Activation ID which you can use with ETAS License Manager on your PC to activate your license.

If the software is based on FlexNet Publisher, you will be asked to enter the MAC-address of your computer.

Please click **“here”** to start this process.



The screenshot shows the ETAS License & Download Portal interface. At the top left is the ETAS logo with the tagline "DRIVING EMBEDDED EXCELLENCE". The main heading is "ETAS License & Download Portal". Below this is a "Login" section with three radio button options: "With Username (Your Email)" (selected), "With Entitlement ID", and "With Activation ID". There are input fields for "Username" and "Password", and a "Language" dropdown menu currently set to "English (United States)". A "Forgot password?" link and a blue "Log in" button are also present. Below the login section are three expandable menu items: "User Management" (with a sub-link "You want to add a user to the existing License Entitlements of your company? Please click here."), "Product Evaluation" (highlighted with a red box and a sub-link "You want to evaluate an ETAS product. Please click here."), and "Access to Non-Public Downloads" (with a sub-link "You need a registration to complete a download (e.g. Whitepaper, Known Issues Report)? Please click here.>").

1. Getting Started

1.3 Registration

1.3.2 Product Evaluation

The first step is to select the product you want to evaluate.

Select the product you would like to evaluate and click **“Next”**.

The selection list contains all ETAS products that are offered at this time as evaluation and via this delivery path. If the ETAS Product you would like to evaluate is not listed, please contact ETAS Sales.



The screenshot shows the ETAS website interface for product evaluation. At the top left is the ETAS logo with the tagline 'DRIVING EMBEDDED EXCELLENCE'. At the top right, there is a language selection menu showing 'English' with a dropdown arrow. The main heading is 'Product Evaluation', followed by the sub-heading 'Product Choice'. Below this, a text prompt reads 'Please choose the ETAS product you want to evaluate.' A dropdown menu is shown with 'INCA-V7.2' selected. A blue 'Next' button is positioned to the right of the dropdown menu.

1. Getting Started

1.3 Registration

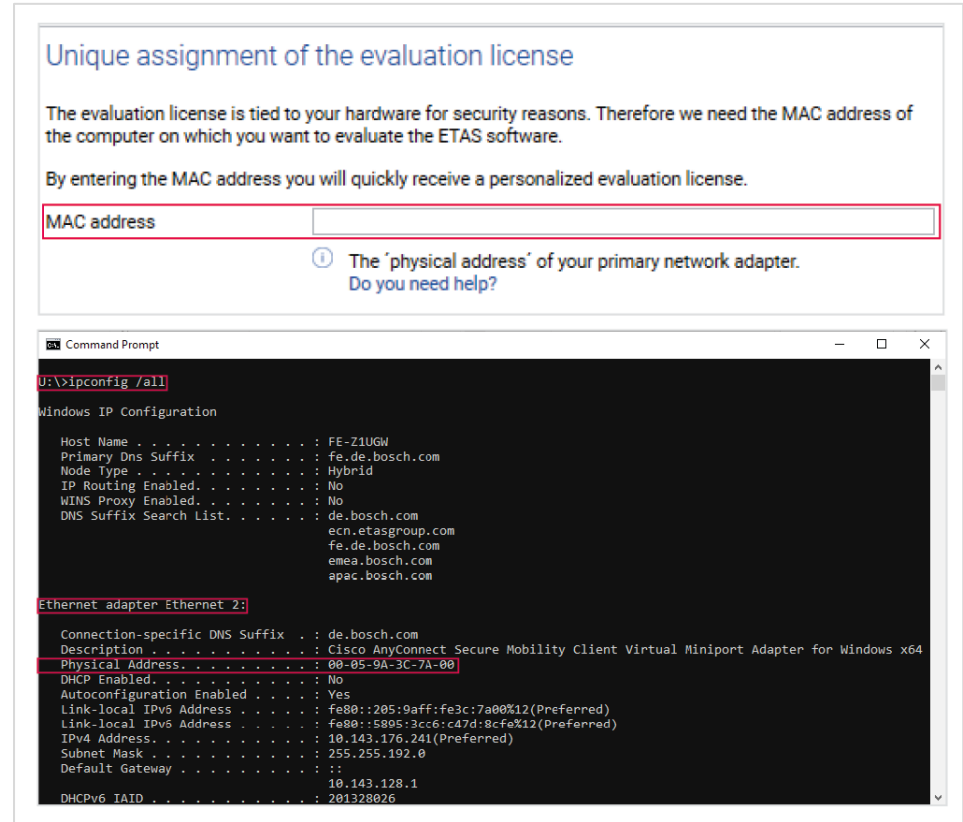
1.3.2 Product Evaluation

Note: This step is only required if the software uses FlexNet Publisher license technology. Otherwise, you will not see this field.

You will be asked to enter the MAC address of the computer on which you want to evaluate.

How to determine the MAC address of the computer:

1. Open the command prompt window.
2. Enter the command "ipconfig /all".
3. Search for the parameter "Physical Address" for your Ethernet adapter and take note of the specified value (in this example: 00-05-9A-3C-7A-00)



The image shows two screenshots. The top one is a dialog box titled "Unique assignment of the evaluation license". It contains the text: "The evaluation license is tied to your hardware for security reasons. Therefore we need the MAC address of the computer on which you want to evaluate the ETAS software." Below this is a text input field labeled "MAC address" and a blue information icon with the text "The 'physical address' of your primary network adapter. Do you need help?". The bottom screenshot is a Windows Command Prompt window showing the output of the command "ipconfig /all". The output lists system configuration details, and the "Physical Address" for the "Ethernet adapter Ethernet 2:" is highlighted in red, showing the value "00-05-9A-3C-7A-00".

1. Getting Started

1.3 Registration



1.3.2 Product Evaluation

The last step on this page is to acknowledge our terms for evaluation.

To create a user account and receive evaluation software, you must accept the **Privacy Policy** and **License Terms** after reading them.

We would be pleased to inform you about news concerning the product line you have selected. If you wish to be informed, please select the corresponding checkbox.

To complete this process click on the button **“Register Account”** or if you already have an account click on **“Complete evaluation”**.

Privacy policy and further information

- I would like to receive information about new downloads offered for this product (optional)
- [Privacy Policy](#) read and agreed
- I have read the [Loan and Licence Contract](#) and accept it.

[Register Account](#)

1. Getting Started

1.3 Registration

1.3.2 Product Evaluation

If your evaluation period is over and you decided the order a product, you can reuse your user by moving that to the new customer account through the following link:

<https://license.etas.com/LandingPage/htm/moveuserlogin.jsp>

Enter your credentials and press **“Login”**.

On the next page you can enter the Entitlement ID, which you got from ETAS via mail.

To complete this process click on the button **“Execute”** and your user will be moved to the right account.



The screenshot shows the 'Moving a user' page on the ETAS website. The page header includes the ETAS logo and the text 'DRIVING EMBEDDED EXCELLENCE'. In the top right corner, there is a language selection dropdown set to 'English'. The main heading is 'Moving a user'. Below this, there is a form titled 'User data' with the instruction 'Please enter the user data.'. The form contains two input fields: 'Username' with 'User ID' entered, and 'Password' with 'Password' entered. A blue 'Login' button is positioned at the bottom right of the form.

The screenshot shows the 'Moving a user' page on the ETAS website, which is the second step in the process. The page header is identical to the previous screenshot. The main heading is 'Moving a user'. Below this, there is a form titled 'Target' with the instruction 'Please enter the target Entitlement ID.'. The form contains one input field labeled 'Target Entitlement ID' with 'Entitlement-ID' entered. A blue 'Execute' button is positioned at the bottom right of the form.

1. Getting Started

1.3 Registration

1.3.3 Access to Non-Public Downloads

With this function it is possible to create an account to have access to Non-Public Downloads.

Please click **“here”** to start this process in your browser.



The screenshot shows the ETAS License & Download Portal. At the top left is the ETAS logo with the tagline "DRIVING EMBEDDED EXCELLENCE". The main heading is "ETAS License & Download Portal". Below this is a "Login" section with three radio button options: "With Username (Your Email)" (selected), "With Entitlement ID", and "With Activation ID". There are input fields for "Username" and "Password", and a "Language" dropdown menu set to "English (United States)". A "Forgot password?" link and a blue "Log in" button are also present. Below the login section are three expandable panels: "User Management" with a link to add users, "Product Evaluation" with a link to evaluate products, and "Access to Non-Public Downloads" (highlighted with a red box) with a link to register for downloads. The text for the highlighted section reads: "You need a registration to complete a download (e.g. Whitepaper, Known Issues Report)? Please click here."



1. Getting Started

1.3 Registration

1.3.3 Access to Non-Public Downloads

On the next page you have to enter your contact details. If you already have a user account, please skip the entry of your contact data with **“Login”**.

The mandatory fields in the form **Contact Information** must be filled in. Optional fields are marked with (optional).

Please note: The user credentials will be sent to the e-mail address specified here. Only business e-mail addresses are allowed.

The last step on this page are the **privacy policy** and other information.

Create user account for access to non-public documents

Do you already have an ETAS user account? Then you can already access the non-public documents. [Login](#)

Contact Information

In order to provide you with access to non-public documents, we need your contact details. We pay strict attention to the privacy of your data (see [Privacy Policy](#)).

First name	<input type="text"/>
Last name	<input type="text"/>
E-mail, business ^①	<input type="text"/>
Phone (optional)	<input type="text"/>
Company	<input type="text"/>
Street & house number	<input type="text"/>
City	<input type="text"/>
Postal code	<input type="text"/>
State (optional)	<input type="text"/>
Country	<input type="text" value="United States"/>

Privacy policy and further information

- I would like to receive information about new downloads on offers (optional)
- Privacy Policy read and agreed

Register Account



1. Getting Started

1.3 Registration

1.3.3 Access to Non-Public Downloads

To create a user account, you must accept the Privacy Policy after reading them.

We would be pleased to inform you about news about our product lines you are interested in. If you wish to be informed, please select the corresponding checkbox.

To complete this process click on the button **“Register Account”**.

Create user account for access to non-public documents

Do you already have an ETAS user account? Then you can already access the non-public documents. [Login](#)

Contact Information

In order to provide you with access to non-public documents, we need your contact details. We pay strict attention to the privacy of your data (see [Privacy Policy](#)).

First name	<input type="text"/>
Last name	<input type="text"/>
E-mail, business ^①	<input type="text"/>
Phone (optional)	<input type="text"/>
Company	<input type="text"/>
Street & house number	<input type="text"/>
City	<input type="text"/>
Postal code	<input type="text"/>
State (optional)	<input type="text"/>
Country	<input type="text" value="United States"/>

Privacy policy and further information

- I would like to receive information about new downloads on offers (optional)
- Privacy Policy read and agreed

Register Account

1. Getting Started



1.4 License Technology

1.4.1 Difference between FlexNet Publisher and FlexNet Embedded

When viewing licenses or entitlements in the license portal it is important to distinguish between the license types. The column “type” shows an icon indicating the technology used.

C FlexNet Publisher (FNP)

- A white “C” on red background indicates a certificate based license, which means it is a FlexNet Publisher based license.
- Activation of a **FNP** license is done using the Activation ID in the **ETAS License Portal**.
- FNP licenses are then saved as *.lic files which are deployed either onto the target PC or onto a license server. The license file itself contains the license information in readable format.

E FlexNet Embedded (FNE)

- A white “E” on green background indicates a FlexNet Embedded license
- Activation of a **FNE** license is done using the Activation ID in **ETAS License Manager tool** on the target PC
- FNE licenses are not stored in readable files but in a so called “trusted storage”. This is a data storage on the customer’s device which is secured against manipulation or copying using additional measures.
- Therefore ETAS License Manager offers either online activation or offline activation. The latter can be used if the device is not connected to the internet

1. Getting Started



1.4 License Technology

License Technology change

- ETAS has used FlexNet Publisher technology for many years. From September 2020 onwards, FlexNet Embedded will be introduced. New software releases will only be shipped with FlexNet Embedded technology implemented in future.
- FlexNet Publisher license technology will be further supported according to the terms and conditions for existing software versions

License Right Changes

- ETAS FNP License rights are stored in *text* license files
- ETAS FNE License rights are stored in in Trusted Storage

End User Interaction Changes

- With FlexNet Publisher, an end user is expected to run the license activation utility. Typically this involves typing in an activation code, installing a license text file or interacting with an application's installer.
- With FlexNet Embedded, there is no expectation of a user interacting with a user interface. The core toolkit makes no assumptions about a command prompt or window manager being available. A device can power up, possibly contacting a back-office server, and checks its license rights to determine the behavior, functionality, capacity, etc., that the device supports.

2. FNP - Managing Entitlements

2. FNP - Managing Entitlements



2.1 View and Manage Activations

- The view Activations and Entitlements will give you an overview of all line items that still have copies left for activation

- You can see details on Activation ID, Entitlement ID, product, license model, number of copies ...

The screenshot shows the ETAS License & Delivery Portal. A red circle highlights the 'Activation & Entitlements' menu item, with a sub-menu 'List Entitlements' also circled. Below the navigation, there are sections for 'Current License Entitlements' and 'Available Downloads'. The 'Current License Entitlements' section contains a table with columns for Activation ID, Product, and Last modified. The 'Available Downloads' section shows a message: 'No products are available for download at this time. Please check again later.'

The screenshot shows the 'List of your Entitlements' page. It features a table with columns: Type, Activation ID, Entitlement ID, License model, Original quantity, Available quantity, Total quantity, Maintenance, Entitlement state, Product, and Expiration. The table lists various entitlements with their respective details.

Type	Activation ID	Entitlement ID	License model	Original quantity	Available quantity	Total quantity	Maintenance	Entitlement state	Product	Expiration
✓			Embedded Counted	50	44	50		Deployed	INCA FNE Unbungen INCA FNE Unbungen	PERMANENT
✓			FNE_TestModel	15	10	15		Deployed	SC_CO_Test2	PERMANENT
✓			FPGA-LIC-MP	10	8	10		Deployed	EL_CM_FPGA-LIC-MP Testlicense for FPGA-LIC-MP	PERMANENT
✓			FNE_TestModel	10	9	10		Deployed	PERI_Embedded_Test	PERMANENT
✓			FNE_TestModel	15	15	15		Deployed	SLICA_Test	PERMANENT
✓			FNE_TestModel	16	16	16		Deployed	SC_CO_Test2	Mar 22, 2022
✓			FNE_TestModel	20	20	20		Deployed	SC_CO_Test2	PERMANENT
✓			Fluorot training machinebased	20	20	20		Deployed	SCODE_CO_Test_Helping used for Lima Tests and training	PERMANENT
✓			Fluorot training machinebased	10	10	10		Deployed	ETAS_IQE Training	PERMANENT
✓			ELIC-ME13	1	1	1		Deployed	ELI-ELIC-ME Machine based evaluation license for EHO003 V1.0	3 Months
✓			ELIC-ME13	1	1	1		Deployed	ELI-ELIC-ME Machine based evaluation license for EHO003 V1.0	3 Months
✓			ELIC-ME13	1	1	1		Deployed	ELI-ELIC-ME Machine based evaluation license for EHO003 V1.0	3 Months



2. FNP - Managing Entitlements

2.1 View and Manage Activations

More detailed information on a line item can be gathered when clicking on an **“Activation ID”**:

ETAS
SERVING ENGINEERING EXCELLENCE

Home / Activation & Entitlements / License Support / Downloads

1 of 158

List of your Entitlements

Your license entitlements are listed here. You can sort them by clicking on a column header.

View | Page | of 158 | Export

Type	Activation ID	Entitlement ID	License model	Original copies	Entitlement state	Product	Expiration		
			Embedded Counted	50	44	Deployed	INGA FNE unbungen INGA FNE unbungen	PERMANENT	
			FNE_TestModel	15	10	15	Deployed	SC_CO_Test2	PERMANENT
			FPGA-LIC-MP	10	8	10	Deployed	EL_LCM_PMSMLIC-MP Testlizenz für FPMEM FPGAs- L100000000	PERMANENT
			FNE_TestModel	10	9	10	Deployed	PERL_Embedded_Test	PERMANENT
			FNE_TestModel	15	15	15	Deployed	BOLNIA_Test	PERMANENT
			FNE_TestModel	16	16	16	Deployed	SC_CO_Test2	Mar 22, 2022
			FNE_TestModel	20	20	20	Deployed	SC_CO_Test2	PERMANENT
			Flexnet training maschinengeb.	20	20	20	Deployed	SCODE_CO_Test_Hugging Used for Lima Tests and training	PERMANENT
			Flexnet training maschinengeb.	10	10	10	Deployed	ETAS_IDE training	PERMANENT
			ELIC-ME13	1	1	1	Deployed	EH_ELIC-ME Machine based evaluation license for EHOOKS V3.0	3 Months
			ELIC-ME13	1	1	1	Deployed	EH_ELIC-ME Machine based evaluation license for EHOOKS V3.0	3 Months
			ELIC-ME13	1	1	1	Deployed	EH_ELIC-ME Machine based evaluation license for EHOOKS V3.0	3 Months

View entitlement details for selected item.

ID Info

Entitlement ID: [redacted]

Entitlement state: [redacted]

Sold to: [redacted]

Description: [redacted]

Activation ID: [redacted]

Product Info

Product information:

Product	Description
SCODE_CO_Test_Hugging Version 1.0, Qty/Copy 10	Used for Lima Tests and training

Activation Info

Part number:

Part number description:

Qty:
20

Qty remaining:
20

Start date option:
Specify Value Now

Start date:
Mar 11, 2020

Permanent:
true

Number of extra activations:
0

Remaining extra activations:
0

Number of rehosts:
Ignore policy

Number of returns:
Ignore policy

Number of repairs:
Ignore policy

Allowed Server Host ID Types:
Ignore policy

Allowed Nonlocked Host ID Types:
Ignore policy

Hosts:

License model:
Flexnet training maschinengeb.

FN_CO_Quantity:
10

FN_CustPO:
10

FN_Sales_Person:
Hugging

FN_Sales_Region:
US01 | US02 | DE01 | FR01 | UK01 | CN01 | JP01 |
IN01 | KR01 | XA01 | XB01 | XC01 | XD01 | TD01 |
DE05

Cancel



2. FNP - Managing Entitlements

2.1 View and Manage Activations

Please note: This view will only show line items that can be activated! Thus

- No Activation IDs for non-digitally licensed products shown
- No Activation IDs for activated line items shown

If you want to see all activations go to **“Advanced Search”** and set parameter for **remaining copies** to **“any”**.

The screenshot shows the 'List of your Entitlements' page in the ETAS system. A red circle highlights the 'Advanced Search' button in the top right of the table area. Another red circle highlights the 'Expiration' column header. The table contains several rows of entitlement data.

Type	Activation ID	Entitlement ID	License model	Product	Entitlement state	Expiration
			Embedded Counted	ICGA FNE Umfragen (ICGA FNE Umfragen)	PERMANENT	
			FNE_TestModel	SC_CDL_Test2	PERMANENT	
			FFGA-LIC-MP	ES_LICM_FFMMLO-MP Testlizenz für PMEM FFGA-Licensing	PERMANENT	
			FNE_TestModel	PERU Embedded_Test	PERMANENT	
			FNE_TestModel	BOLYVA_Test	PERMANENT	
			FNE_TestModel	SC_CDL_Test2	PERMANENT	Mar 22, 2022
			FNE_TestModel	SC_CDL_Test2	PERMANENT	
			Fluorol training (machinebased)	SCODE_OG_Test_Hugging (Used for Lime Tests and training)	PERMANENT	
			Fluorol training (machinebased)	ETAS_ICE Training	PERMANENT	
			ELIC-ME13	EH_ELIC-ME Machine based evaluation license for EHOOS V3.0	3 Months	
			ELIC-ME13	EH_ELIC-ME Machine based evaluation license for EHOOS V3.0	3 Months	
			ELIC-ME13	EH_ELIC-ME Machine based evaluation license for EHOOS V3.0	3 Months	

Please enter values for significant attributes and click Search to perform an advanced search.

Entitlement Attributes

Entitlement ID: Contains

Activation ID: Contains

Parent bulk entitlement ID: Contains

Product name: Contains

Product version: Contains

Product type:

License technology: Contains

Part number: Contains

Line item order ID: Contains

Line item order line number: Contains

Start date: Before

Is permanent? Yes No Any

Expiration date: Before

Version date: Before

State:

Are remaining copies more than Yes No Any

zero?

License Model Type:

Maintenance activation ID: Contains

Maintenance product name: Contains

Maintenance part number: Contains

Maintenance state:



2. FNP - Managing Entitlements

2.2 Activate Licenses (Generate a License Key)

1. Go to **“Manage Entitlements”**
2. Select an Activation ID and click **“Activate”**
3. Enter data on start date and correct address data if required

Please note: Do not select a start date in the future if you use the license immediately!

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

List of your Entitlements

Your license entitlements are listed here. You can sort this list by clicking on a column header.

View [dropdown] Action [dropdown] Export [dropdown]

Page 2 of 18

Type	Activation ID	Entitlement ID	License model	Original copies	Available quantity	Total quantity	Maintenance	Entitlement state	Product	Expiration
<input checked="" type="checkbox"/>			ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input type="checkbox"/>			ELIC-ME13	1	1	1		Deployed	ISH_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input checked="" type="checkbox"/>			ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input type="checkbox"/>			ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input checked="" type="checkbox"/>			ELIC-ME13	1	1	1		Deployed	ISH_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input type="checkbox"/>			ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

Activate Licenses

Please add or select at least one host and click Next to configure counts.

Generate Licenses

Sold to:

Start date:

Ship-to email:

Ship-to address:

Selected line items:

Activation ID	Product	Expiration date
		PERMANENT

2. FNP - Managing Entitlements



2.2 Activate Licenses (Generate a License Key)

4. Configure hosts

- Machine named license: a MAC address has to be provided
- User named license: a server host or server triad as well as a username of the client ID have to be provided
- Concurrent license: a server host or server triad has to be provided

The screenshot shows the ETAS 'Configure Hosts' web interface. At the top left is the ETAS logo with the tagline 'DRIVING EMBEDDED EXCELLENCE'. Below it is a navigation bar with links for 'Home', 'Activation & Entitlements', 'License Support', and 'Downloads'. The main heading is 'Configure Hosts' with a sub-instruction: 'Please add or select at least one host and click Next to configure counts.' There are two main sections: 'Configure Hosts' on the left, which contains a 'Server hosts:' dropdown menu currently showing '(no license hosts selected)', and 'Selected line items:' on the right, which contains a table with the following data:

Activation ID	Product	Expiration date
XXXXXXXXXXXXXXXXXXXX	ES_ASCET-DEVELOPER_LIC-UP	PERMANENT

At the bottom of the 'Configure Hosts' section, there are three icons: a plus sign, a green plus sign, and a red minus sign. The green plus sign icon is highlighted with a red box.

The screenshot shows a 'Create License Host' dialog box. The title bar says 'Create License Host' and the main text says 'Please select a license host type and enter an appropriate value.' There is a red box around the 'Server Hosts:' field, which contains a dropdown menu set to 'ETHERNET', an equals sign, and a text input field containing '123456789123'. At the bottom of the dialog, there are 'OK' and 'Cancel' buttons.



2. FNP - Managing Entitlements

2.2 Activate Licenses (Generate a License Key)

If you activate several licenses in one step for the same machine/user you can also choose to consolidate the license into one file:
(e.g. first the main product and afterwards an add-on for the same user)

1. Go to **“Activation & Entitlements”**
2. Select more than one Activation ID and activate Select **“Yes”** when asked whether you want to consolidate the generated licenses
3. Complete activation as described before

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

List of your Entitlements

Your license entitlements are listed here - you can sort this list by clicking on a column header.

View [dropdown] Action [dropdown] Export [dropdown]

Page 2 of 10

Activation ID [dropdown] Contains [dropdown] [input] Advanced Search

Type	Activation ID	Entitlement ID	License model	Original copies	Available quantity	Total quantity	Maintenance	Entitlement state	Product	Expiration
<input checked="" type="checkbox"/>	[redacted]	[redacted]	ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input type="checkbox"/>	[redacted]	[redacted]	ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input checked="" type="checkbox"/>	[redacted]	[redacted]	ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input type="checkbox"/>	[redacted]	[redacted]	ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input checked="" type="checkbox"/>	[redacted]	[redacted]	ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months
<input type="checkbox"/>	[redacted]	[redacted]	ELIC-ME13	1	1	1		Deployed	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	3 Months

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

Activate Licenses

Please add or select at least one host and click Next to configure counts.

Generate Licenses

Sold to: [input]

Start date: * [input]

Do you want to consolidate generated Licenses?
 Yes No

Ship to email: [input]

Ship to address: [input]

Selected line items:

Activation ID	Product	Expiration date
[redacted]	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	PERMANENT
[redacted]	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	PERMANENT
[redacted]	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	PERMANENT
[redacted]	ISW_ELIC-ME Machine based evaluation license for INCA V7.2	PERMANENT

2. FNP - Managing Entitlements



2.3 License Lifecycle

Licenses have a lifecycle that extends beyond activation and fulfillment (license delivery). Different events at your end (e.g. purchase of new machines, crash of a hard disc...) can affect the lifecycle. The following kinds of license change management are supported by the ETAS License Portal:

- Retrieve an existing license key (e.g. if the old one is lost due to accidental deletion etc.). See [Retrieve License Key](#) for details.
- Specify a new license server Host ID, a new MAC address or a new Windows User Name for a license (e.g. when you replace a computer or assign a license to another user). See [Rehost](#) and [Return](#) for details.
- Consolidate existing licenses into one license file for easier management. See [Consolidation](#) for details.

2. FNP - Managing Entitlements



2.4 Upgrades

Activations derived from product upgrades:

- If your licenses are covered by a valid maintenance contract, you can receive product upgrades. Upgrading from one major version to another (e.g. from INCA V6.x.x to INCA V7.x.x) will require the generation of a fresh license key as the keys are bound to the product version.
- When the upgrade is performed, ETAS will create a new activation to provide a license for the new product version. And it will be automatically activated for the Host of the previous license.

- If old version licenses have not been activated and a upgrade is done, you can activate the license for the new version as described on page 11-15
- Such line items can be distinguished through a special icon:



2. FNP - Managing Entitlements

2.5 Where do I find a list of all activated licenses?

- Go to **“License Support”**
- Go to **“List Licenses”**

Please note: Evaluation licenses are not visible in the portal!



The screenshot shows the ETAS License & Download Portal. The navigation bar includes 'Home', 'Activation & Entitlements', 'License Support', and 'Downloads'. The main content area is titled 'Welcome to the ETAS License & Download Portal'. It features three main sections: 'Current License Entitlements', 'Available Downloads', and 'Recently Released Files'. A red circle highlights the 'List Licenses' link in the 'License Support' dropdown menu, and another red circle highlights the 'List Licenses' link in the 'License Support' section of the main content area. A red line connects these two circles, indicating the navigation path.

Activation ID	Product	Last modified
[REDACTED]	[REDACTED]	Mar 16, 2020
[REDACTED]	[REDACTED]	Mar 16, 2020
[REDACTED]	[REDACTED]	Mar 16, 2020
[REDACTED]	[REDACTED]	Mar 16, 2020

Description	Date
No records found for this account.	

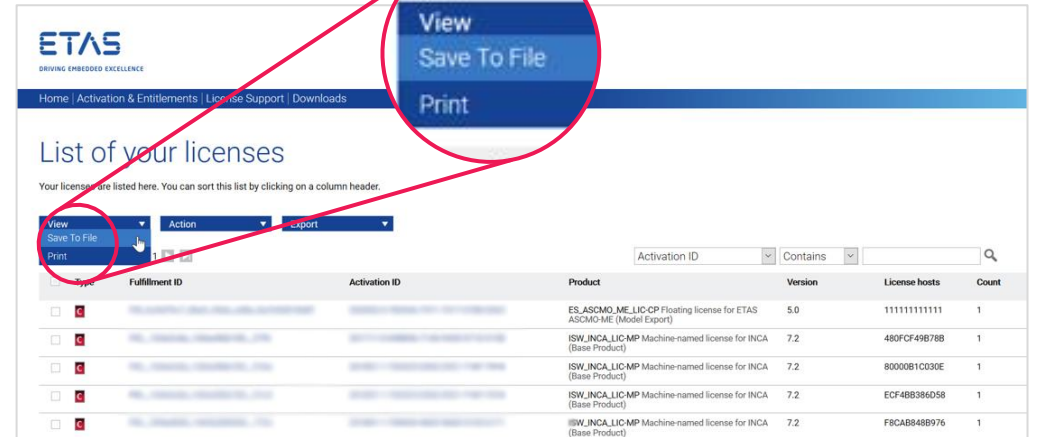
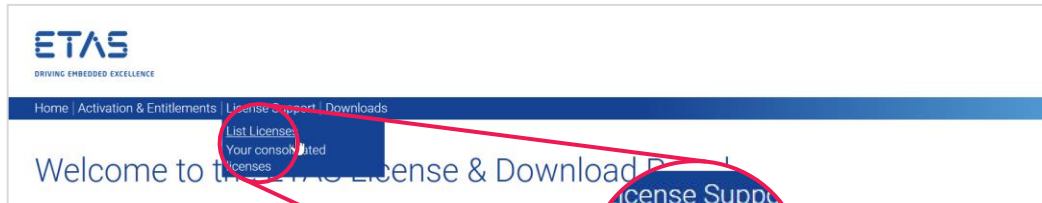
2. FNP - Managing Entitlements



2.6 How can I retrieve a license key for an existing and activated license?

- Go to **“License Support”** >> **“List Licenses”**
- Choose the License for which you want to retrieve the license key
- Click on **“View”** and **“Save to File”**

Please note: License keys for inactive fulfillments cannot be saved!



2. FNP - Managing Entitlements



2.7 Rehost

A rehost enables you to specify a new license server Host ID or MAC address for a license. This may be needed when you replace a computer.

A rehosted license has a new Fulfillment ID, but retains the original Activation ID.

If only some of the original fulfillments are rehosted, a second (new) fulfillment will be generated for the copies that are not rehosted with the original Activation ID.

E.g. this happens, if you split Concurrent licenses between two servers.

2. FNP - Managing Entitlements

2.7 Rehost



- Go to **“License Support”**
- Select a Fulfillment ID and click **“Action”** >> **“Rehost”**

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

List of your licenses

Your licenses are listed here. You can sort this list by clicking on a column header.

View [dropdown] Action [dropdown] Export [dropdown]

Page 1 of [dropdown]

Activation ID [dropdown] Contains [dropdown]

Type	Fulfillment	Activation ID	Product	Version	License hosts
[checkbox]	[icon]	[ID]	ES_ASCMO_ME_LIC-CP Floating license for ETAS ASCMO-ME (Model Export)	[version]	111111111111
[checkbox]	[icon]	[ID]	ISW_INCA_LIC-MP Machine-named license for INCA (Base Product)	[version]	480FCF49B78B
[checkbox]	[icon]	[ID]	ISW_INCA_LIC-MP Machine-named license for INCA	[version]	80000B1C030E

2. FNP - Managing Entitlements



2.7 Rehost

- Enter the Host ID by clicking on green “+” and confirm with “OK”
 - Click on “Rehost”
 - Save the license file and click on “Complete”
- Please note: The rehost facility is available should a user have a new PC or server but limited to:

- 1 rehost per year for User-Named Licenses
- Concurrent and Machine named: 1 per 6 months

And you will not be able to rehost obsolete Licenses.

Fulfillment Details
Nodelocked Host *
Original Hosts
80000B1C030E
New Nodelocked Hosts
Server hosts:
123456789123
+ + -

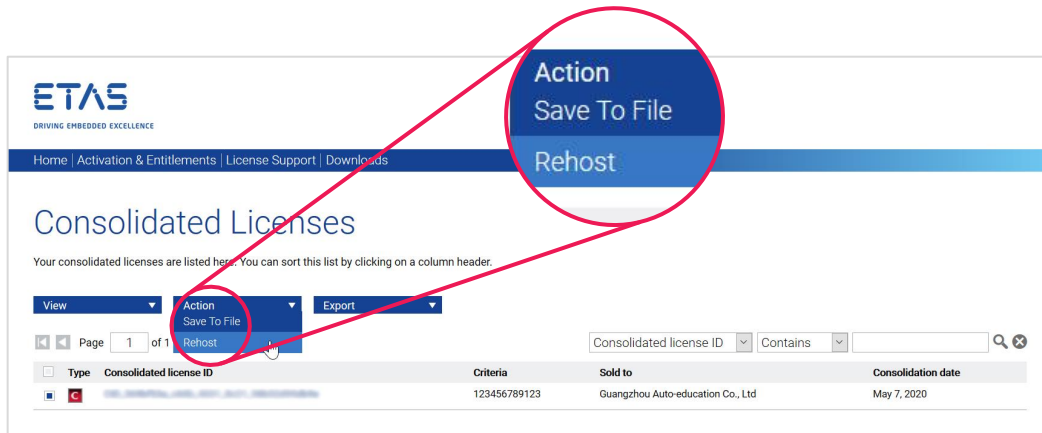
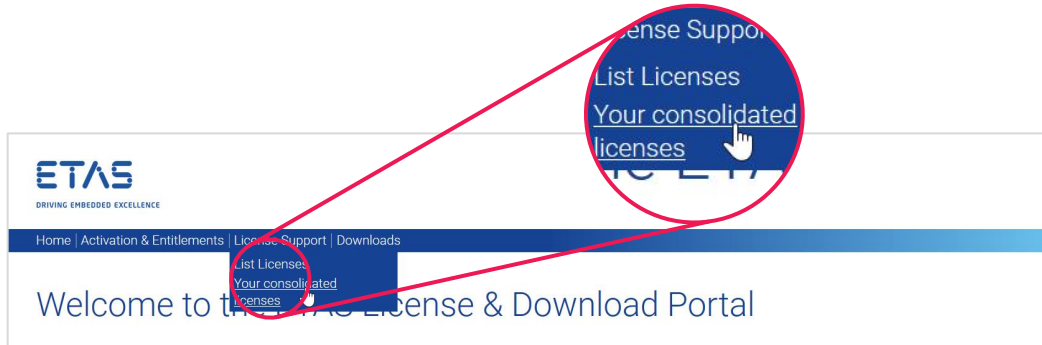
Create License Host
Please select a license host type and enter an appropriate value.
Nodelocked hosts: ETHERNET = 3213456789123
OK Cancel

ETAS
DRIVING EMBEDDED EXCELLENCE
Home | Activation & Entitlements | License Support | Downloads
License Summary
Please review the licenses below and click Complete to return to Manage
License details:
Sold to:
Guangdong Auto-education Co., Ltd
View Save To File Print

Activation ID	Product	Version	License hosts	Count	User ID
	ISW_INCA_LIC-MP Machine named license for INCA (Base Product)	7.2	123456789123	1	

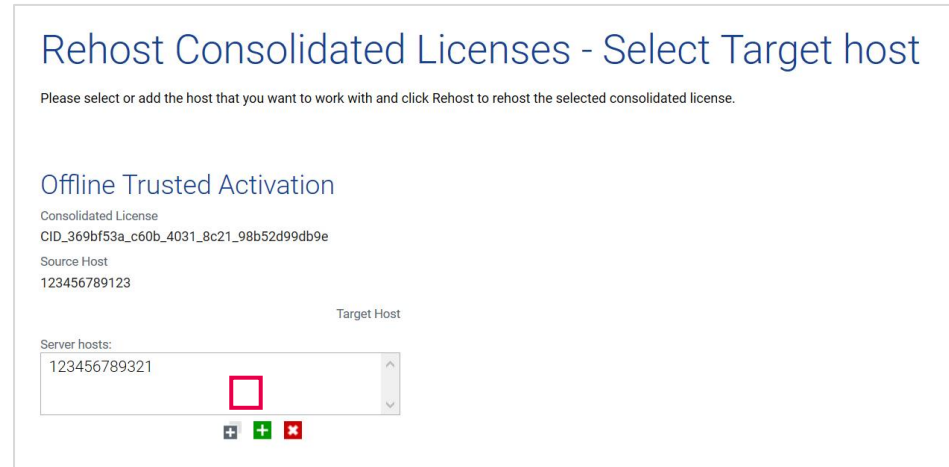
2. FNP - Managing Entitlements

2.8 Rehost Consolidated Licenses



You can rehost consolidated licenses:

- Go to **“Consolidated Licenses”**
- Select a consolidation and click **“Rehost”**
- Enter the Host Address by clicking on green **“+”** and confirm



2. FNP - Managing Entitlements



2.9 Return

A return refers to the process of moving license rights from a user to another user. By returning a license the number of available copies in the ETAS License Portal increases by the amount of returned licenses, so a new license key can be generated.

- Go to **“Manage Licenses”**
- Select a Fulfillment ID and click **“Return”**
- Confirm with **“Return”**

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

List of your licenses

Your licenses are listed here. You can sort this list by clicking on a column header.

View [dropdown] Action [dropdown] Export [dropdown]

Page 1 of 1

Rehost [dropdown] Activation ID [dropdown] Contains [dropdown] [search icon] Advanced Search

Type	Fulfillment ID	Activation ID	Product	Version	License hosts	Count	User ID
[checkbox]	[redacted]	[redacted]	[redacted]	7.2	123456789321	1	[redacted]

Please note:

- For the returned fulfillment no license file can be saved any more.
- Return is only allowed for User named licenses, once a year.
- The difference to a rehost is that the license is not activated again

2. FNP - Managing Entitlements



2.10 Consolidation

You can consolidate existing licenses into one license file:

- Go to **“Manage Licenses”**
- Select Licenses
- Click **“Consolidate”**

Please note: A Consolidation is only possible for licenses where the “Server Host ID”s are similar.

The screenshot shows the ETAS license management interface. A red circle highlights the 'Consolidate' option in the 'Action' dropdown menu. Another red circle highlights the 'Rehost', 'Renew', and 'Consolidate' options in a larger menu. A red box highlights the 'License hosts' column in the table below, which contains the value '123456789321' for all four rows. A red arrow points from the text 'Same host!' to the highlighted 'License hosts' column.

Type	Fulfillment	Activation ID	Product	Version	License hosts	Count	User ID
ISW_INCA_LIC_MP	Machine-named license for INCA (Base Product)	123456789321	ISW_INCA_LIC_MP	7.2	123456789321	1	
ISW_INCA_LIC_MP	Machine-named license for INCA (Base Product)	123456789321	ISW_INCA_LIC_MP	7.2	123456789321	1	
ISW_INCA_LIC_MP	Machine-named license for INCA (Base Product)	123456789321	ISW_INCA_LIC_MP	7.2	123456789321	1	
ISW_INCA_LIC_MP	Machine-named license for INCA (Base Product)	123456789321	ISW_INCA_LIC_MP	7.2	123456789321	1	

2. FNP - Managing Entitlements



2.11 View Consolidated Licenses

- Go to **“Consolidated Licenses”**
- Select a consolidation and click **“View Fulfillments”** to see licenses contained

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads | Page

Consolidated Licenses

Your consolidated licenses are listed here. You can sort this list by clicking on a column header.

View View fulfillments Action Export

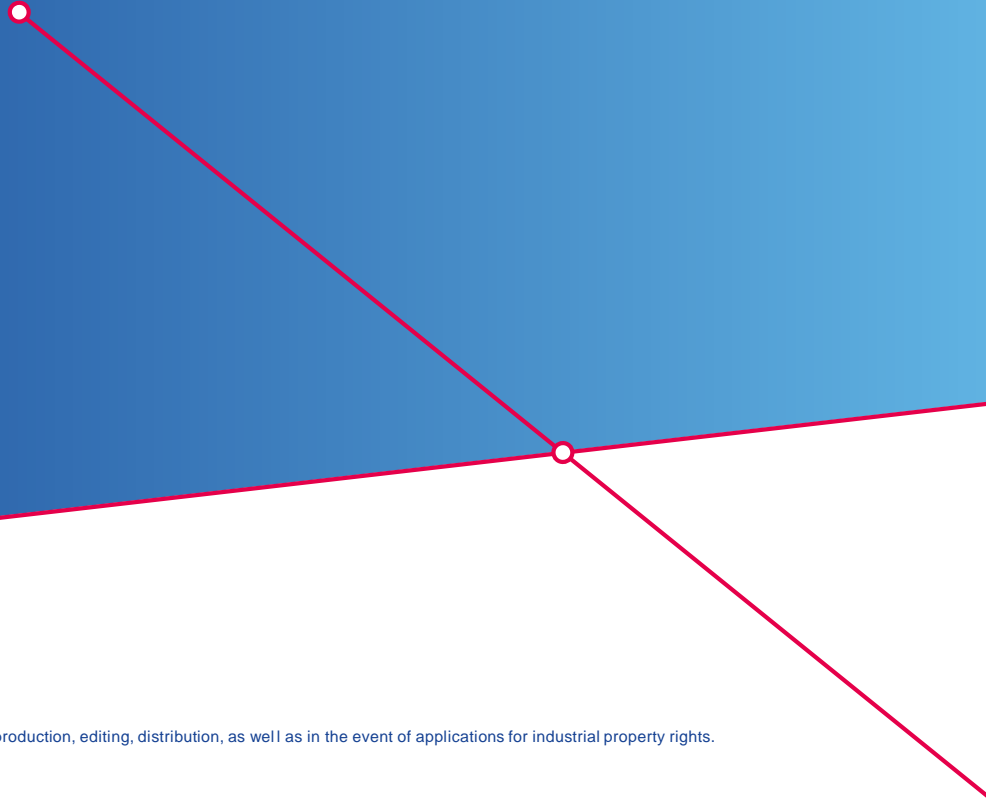
Page 1 of 1

Type	Consolidated license ID	Criteria	Sold to	Consolidation date
<input checked="" type="checkbox"/>	123456789321	123456789321	Guangzhou Auto-education Co., Ltd	May 7, 2020
<input type="checkbox"/>	123456789123	123456789123	Guangzhou Auto-education Co., Ltd	May 7, 2020

Your consolidated licenses are listed here. You can sort this list by clicking on a column header.

Type	Fulfillment ID	Activation ID	Product	Version	License hosts	Count	User ID
<input checked="" type="checkbox"/>	ISW_INCA_LIC-MP Machine-named license for INCA (Base Product)	7.2	123456789321	1	
<input checked="" type="checkbox"/>	ISW_INCA_LIC-MP Machine-named license for INCA (Base Product)	7.2	123456789321	1	
<input checked="" type="checkbox"/>	ISW_INCA_LIC-MP Machine-named license for INCA (Base Product)	7.2	123456789321	1	
<input checked="" type="checkbox"/>	ISW_INCA_LIC-MP Machine-named license for INCA (Base Product)	7.2	123456789321	1	

3. FNE - Managing Entitlements



3. FNE - Managing Entitlements



3.1 View and Manage Activations

- The view Activations and Entitlements will give you an overview of all line items that still have copies left for activation

- You can see details on Activation ID, Entitlement ID, product, license model, number of copies ...

ETAS
DRIVING INNOVATION THROUGH EXCELLENCE

Home / Activation & Entitlements | License Support | Downloads

Activation & Entitlements
List Entitlements

Welcome to the ETAS License & Delivery Portal

Current License Entitlements

Activation ID	Product	Last modified
...	...	May 4, 2020
...	...	Apr 28, 2020
...	...	Apr 24, 2020
...	...	Mar 30, 2020
...	...	Mar 30, 2020

Available Downloads

No products are available for download at this time. Please check again later.

Recently Released Files

No products are available for download at this time. Please check again later.

ETAS
DRIVING INNOVATION THROUGH EXCELLENCE

Home / Activation & Entitlements | License Support | Downloads

List of your Entitlements

Your license entitlements are listed here. You can sort this list by clicking on a column header.

View | Action | Export

Page 1 of 150

Type	Activation ID	Entitlement ID	License model	Original copies	Available quantity	Total quantity	Maintenance	Entitlement state	Product	Expiration
1	Embedded Counted	50	44	50		Deployed	INCA FNE Uebungen INCA FNE Uebungen	PERMANENT
1	FNE_TestModel	15	10	15		Deployed	SC_CO_Test2	PERMANENT
1	FPGA-LIC-APP	10	8	10		Deployed	ELLICM_PMBALIC-APP Testlizenz für PMBM FPGA-Lizenzierung	PERMANENT
1	FNE_TestModel	10	6	10		Deployed	PERL_Embedded_Test	PERMANENT
1	FNE_TestModel	15	15	15		Deployed	BOLWA_Test	PERMANENT
1	FNE_TestModel	16	16	16		Deployed	SC_CO_Test2	Mar 22, 2022
1	FNE_TestModel	20	20	20		Deployed	SC_CO_Test2	PERMANENT
1	Fluxnet training machinebased	20	20	20		Deployed	SCODE_CO_Test_Hugging used for Lima Tests and training	PERMANENT
1	Fluxnet training machinebased	10	10	10		Deployed	ETAS_IJCE training	PERMANENT
2	ELIC-ME13	1	1	1		Deployed	EH_ELIC-ME Machine based evaluation license for EHOOS V3.0	3 Months
2	ELIC-ME13	1	1	1		Deployed	EH_ELIC-ME Machine based evaluation license for EHOOS V3.0	3 Months
2	ELIC-ME13	1	1	1		Deployed	EH_ELIC-ME Machine based evaluation license for EHOOS V3.0	3 Months



3. FNE - Managing Entitlements

3.1 View and Manage Activations

More detailed information on a line item can be gathered when clicking on an **“Activation ID”**:

ETAS
DRIVING ENGINEERING EXCELLENCE

Home / Activation & Entitlements / License Support / Downloads

1 of 158

List of your Entitlements

Your license entitlements are listed here. You can sort them by clicking on a column header:

Type	Activation ID	Entitlement ID	License model	Original copies	Entitlement state	Product	Expiration	
Deployed			Embedded Counted	50	44	INCA FNE Vorlesungen INCA FNE Vorlesungen	PERMANENT	
Deployed			FNE_TestModel	15	10	15	SC_CD_Test2	PERMANENT
Deployed			FPGA-LIC-MP	10	8	10	EL_LCM_PMSMIC-MP Testlizenz für PMSM-FPGA-3100000000	PERMANENT
Deployed			FNE_TestModel	10	9	10	PERU_Embedded_Test	PERMANENT
Deployed			FNE_TestModel	15	15	15	BOLNVA_Test	PERMANENT
Deployed			FNE_TestModel	16	16	16	SC_CD_Test2	Mar 22, 2022
Deployed			FNE_TestModel	20	20	20	SC_CD_Test2	PERMANENT
Deployed			Flanet training machinebased	20	20	20	SCODE_CD_Test_Hugging Used for Lima Tests and training	PERMANENT
Deployed			Flanet training machinebased	10	10	10	ETAS_ICE training	PERMANENT
Deployed			ELIC-ME13	1	1	1	EH_ELIC-ME Machine based evaluation license for EHOOKS V3.0	3 Months
Deployed			ELIC-ME13	1	1	1	EH_ELIC-ME Machine based evaluation license for EHOOKS V3.0	3 Months
Deployed			ELIC-ME13	1	1	1	EH_ELIC-MN Machine based evaluation license for EHOOKS V3.0	3 Months

View entitlement details for selected item.

ID Info

Entitlement ID: [redacted]

Entitlement state: [redacted]

Sold to: [redacted]

Description: [redacted]

Activation ID: [redacted]

Product Info

Product information:

Product:	Description:
SCODE_CD_Test_Hugging	Used for Lima Tests and training
Version 1.0, Qty/Copy 10	

Activation Info

Part number:

Part number description:

Qty: 20

Qty remaining: 20

Start date option: Specify Value Now

Start date: Mar 11, 2020

Permanent: true

Number of extra activations: 0

Remaining extra activations: 0

Number of rehosts: Ignore policy

Number of returns: Ignore policy

Number of repairs: Ignore policy

Allowed Server Host ID Types: Ignore policy

Allowed Node/locked Host ID Types: Ignore policy

Hosts:

License model: Flanet training machinebased

FNL_CD_Quantity: 10

FNL_CustPO: 10

FNL_Sales_Person: Hugging

FNL_Sales_Region: US01 , US02 , DE01 , FR01 , UK01 , CN01 , JP01 , IN01 , KR01 , XA01 , XB01 , XC01 , XD01 , IT01 , DE05

Cancel

3. FNE - Managing Entitlements



3.1 View and Manage Activations

Please note: This view will only show line items that can be activated! Therefore

- No Activation IDs for non-digitally licensed products shown
- No Activation IDs for activated line items shown

If you want to see all activations go to **“Advanced Search”** and set parameter for **remaining copies** to **“any”**.

The screenshot shows the ETAS software interface with a table of entitlements. A red circle highlights the 'Advanced Search' button in the top right of the table area. Another red circle highlights the 'Advanced Search' button in the top left of the table area. The table has columns for Type, Activation ID, Entitlement ID, License model, Entitlement state, Product, and Expiration.

Type	Activation ID	Entitlement ID	License model	Entitlement state	Product	Expiration
<input type="checkbox"/>			Embedded Counted	PERMANENT	INCA FNE (unbungen INCA FNE (unbungen)	PERMANENT
<input type="checkbox"/>			FNE_TestModel	Deployed	SC_CG_Test2	PERMANENT
<input type="checkbox"/>			FFGA.LIC.MP	Deployed	ES_LCM_PMBLIC.MP Testlizenz für PMEM FFGA-Lizenzierung	PERMANENT
<input type="checkbox"/>			FNE_TestModel	Deployed	PERLU_Embedded_Test	PERMANENT
<input type="checkbox"/>			FNE_TestModel	Deployed	BOLIVIA_Test	PERMANENT
<input type="checkbox"/>			FNE_TestModel	Deployed	SC_CG_Test2	Mar 22, 2022
<input type="checkbox"/>			FNE_TestModel	Deployed	SC_CG_Test2	PERMANENT
<input type="checkbox"/>			Flaxnet training machinebased	Deployed	SCODE_GG_Test_Hugging Used for Lima Tests and training	PERMANENT
<input type="checkbox"/>			Flaxnet training machinebased	Deployed	ETAS ICE training	PERMANENT
<input type="checkbox"/>			ELIC-ME13	Deployed	EH_ELIC-ME Machine based evaluation license for SHOOKS V3.0	3 Months
<input type="checkbox"/>			ELIC-ME13	Deployed	EH_ELIC-ME Machine based evaluation license for SHOOKS V3.0	3 Months
<input type="checkbox"/>			ELIC-ME13	Deployed	EH_ELIC-ME Machine based evaluation license for SHOOKS V3.0	3 Months

Please enter values for significant attributes and click Search to perform an advanced search.

Entitlement Attributes

Entitlement ID: Contains

Activation ID: Contains

Parent bulk entitlement ID: Contains

Product name: Contains

Product version: Contains

Product type:

License technology: Contains

Part number: Contains

Line item order ID: Contains

Line item order line number: Contains

Start date: Before

Is permanent? Yes No Any

Expiration date: Before

Version date: Before

State:

Are remaining copies more than Yes No Any zero?

License Model Type

Maintenance activation ID: Contains

Maintenance product name: Contains

Maintenance part number: Contains

Maintenance state:

3. FNE - Managing Entitlements



3.2 View and Manage Devices

A device is a hardware or software component that uses FlexNet Embedded to license its products. FlexNet Embedded devices connect to FlexNet Operations to manage their ownership, state, features, and more. Examples of devices are laptops running ETAS software or measurement devices (“blue boxes”).



Home | Activation & Entitlements | License Support | **Devices**

Welcome to the ETAS License & Download Portal

Current License Entitlements			See all
Activation ID	Product		Last modified

A device is identified by a Device ID and its type. Device types are:

- Standalone Device
E.g: FlexNet Embedded device that connects to FlexNet Operations, which manages the device.
- Server
E.g: FlexNet Embedded server that communicates with FlexNet Operations to manage device ownership, state, and features for a collection of served devices.
(When a FlexNet Embedded server is used, its served devices connect with the FlexNet Embedded server rather than connecting directly to FlexNet Operations.)
- Served Device
E.g: FlexNet Embedded device that is managed via a FlexNet Embedded server. In FlexNet Operations, served devices are essentially read-only entities.

3. FNE - Managing Entitlements



3.2 View and Manage Devices: List Devices

On clicking “Devices” in the menu bar, the devices page will open. All registered devices in FNO will be shown in a list. It displays Name, ID, Type, Account Name, Licenses and the modification date.

You will see the following page:

Search <input type="text"/> Cancel		This is a list of devices.				
Name	ID	Type	Account Name	Licenses	Last Modified	
FE-Z1U23	EC29171B95265493C4DCCB3B60A2C4AEF67EEB4D66FEF748B0A2E40770E54578000000000000000 (STRING)	Standalone Device	Embedded_CY	License Info Plus (1) more licenses	Aug 05, 2020	
DESKTOP-808RTSG	98F1E86268B8E2D1951FF062E13DF4C53DE4C2ADCC27645608BDBF4100DE230C0000000000000000 (STRING)	Standalone Device	Embedded_CY	License Info Plus (1) more licenses	Jul 26, 2020	
DESKTOP-4PVP8SI	BFE14BAFBD703F76A7981BB6C8D393C1820F1ACFDC59D259C38C266F7D23AC090000000000000000 (STRING)	Standalone Device	Embedded_CY	License Info Plus (1) more licenses	Jul 13, 2020	
IT157064	AEBBB7F2BAFD6559CFB73C33527932158FE5610697968D43B8F0B29450EF3BF50000000000000000 (STRING)	Standalone Device	74099713	License Info Plus (1) more licenses	Jul 13, 2020	
005056930CFE	005056930CFF (ETHERNET)	Local License Server	Embedded_CY	License Info Plus (1) more licenses	Jul 09, 2020	
TESTCLIENT	TESTCLIENT (ETHERNET)	Local License Server	Embedded_CY	License Info Plus (1) more licenses	Jul 08, 2020	
FE-Z1W1Y	8173C768CBAEB86B18A722D383ED90E4684D51762D0EBE5168EE063516ADE3610000000000000000 (STRING)	Standalone Device	Embedded_CY	License Info Plus (1) more licenses	Jul 07, 2020	
FE-Z1J7W	A4510DAA9D24860932B36E0ABC0066DDCE2FC143BB1C8381A7956FF77BD5E27C0000000000000000 (STRING)	Standalone Device	Embedded_CY	License Info Plus (1) more licenses	Jul 03, 2020	

3. FNE - Managing Entitlements



3.2 View and Manage Devices: Filtering the Devices List

To quickly reduce the size of the devices displayed on the Devices page, you can filter it by device type and activation status.

To filter the devices list

1. Hover the cursor over the filter icon to display the filter selection list.
2. Select the device Type (or types) and Status you want to view.
3. Click “Apply” to filter the devices according to your selection(s). The number in the red bubble indicates how many filters are active.
4. You can also search a filtered devices list.

Device name	Licenses	Last Modified
	License Info	Jul 13, 2020
	License Info	Jul 13, 2020
	License Info	Jul 13, 2020
	License Info	Jul 13, 2020
	No licenses	Jul 10, 2020
	License Info	Jul 09, 2020
	License Info	Jul 08, 2020
	License Info	Jul 07, 2020

3. FNE - Managing Entitlements



3.2 View and Manage Devices: Searching for Devices

Existing devices can be easily located by performing a search on the Devices page. You can perform a simple search on a single attribute, or an advanced search on multiple attributes. For both searches, you can use the * wild card to match zero or more characters.

Simple Search

1. On the Devices page, click the drop-down list next to the filter icon and select the search criterion.
2. Type the search string in the text field next to the drop-down list.
3. Click Search.

Advanced Search

1. On the Devices page, click the + icon (next to the Search button) to open the Advanced Search window.
2. Type search criteria in the attribute text fields.
3. Click Search.

The ETAS License & Download Portal will show a list of the devices that match your search criteria on the Devices page.

3. FNE - Managing Entitlements



3.2 View and Manage Devices: Previewing Licenses on a Device

In the Devices page list, the licenses column enables you to quickly view the licenses on a device and decide whether to view that device in more detail. A preview pane shows up to ten licenses on the device, and includes a link to view the rest of the licenses if there are more than ten on that device.

Type	Account Name	Licenses	Last Modified																
Standalone Device	74[REDACTED]	<div data-bbox="766 551 1425 774"><table border="1"><thead><tr><th>Product Name</th><th>Version</th><th>Qty</th><th>Expires</th></tr></thead><tbody><tr><td>INCA [REDACTED]</td><td>7.2</td><td>1</td><td>Permanent</td></tr><tr><td>INCA [REDACTED]</td><td>7.2</td><td>1</td><td>Permanent</td></tr><tr><td>Uebur [REDACTED]</td><td></td><td></td><td></td></tr></tbody></table></div> License Info	Product Name	Version	Qty	Expires	INCA [REDACTED]	7.2	1	Permanent	INCA [REDACTED]	7.2	1	Permanent	Uebur [REDACTED]				Jul 13, 2020
Product Name	Version	Qty	Expires																
INCA [REDACTED]	7.2	1	Permanent																
INCA [REDACTED]	7.2	1	Permanent																
Uebur [REDACTED]																			
Standalone Device	En[REDACTED]	License Info	Jul 13, 2020																
Standalone Device	En[REDACTED]	License Info	Jul 13, 2020																
Standalone Device	74[REDACTED]	License Info	Jul 13, 2020																

3. FNE - Managing Entitlements



3.2 View and Manage Devices: Upload Capability Request

Whenever your end device cannot connect directly to the internet, this functionality becomes relevant.

Example: You use the “Offline Activation” or “Offline Return” in ETAS License Manager (LiMa). This page allows you to manually upload the data provided by LiMa.

The uploaded files are called “Capability Request” files.

To upload a Capability Request for a device:

1. Select “Devices” -> “Upload Capability Request” from the menu bar
2. Click “Browse...” and select the Capability Request on your local system. (The exact controls vary depending on the browser you are using.)
3. Click “Upload”

After the Capability Request has been processed, you can download a “Capability Response” file from the portal (look in your browser’s download area). This Capability Response file needs to be transferred back to the device where the Capability Request was created. The response is then processed in the respective dialog in ETAS License Manager.



DRIVING EMBEDDED EXCELLENCE

[Home](#) | [Activation & Entitlements](#) | [License Support](#) | [Devices](#)

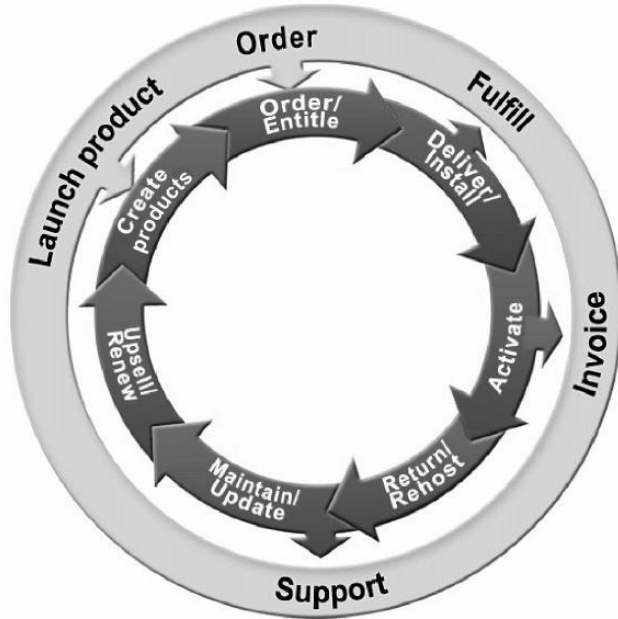
Upload Capability Request

Locate and send the offline request file. The browser will prompt you to save the response file.

3. FNE - Managing Entitlements



3.3 License Lifecycle



The delivery/installation and activation stages of the FlexNet Embedded license lifecycle are covered in this guide.

- Create Products
 - Create product definitions that are used to generate licenses
- Order/Entitle
 - Define a customer's rights to obtain licenses for your products
- Deliver/Install
 - Deliver the application software to the customer and install that software
- Activate
 - Deliver licenses to the customer
- Return/Rehost
 - Manage license transfers from one user or system to another
- Maintain/Update
 - Deliver software and license updates to the customer
- Upsell/Renew
 - Renew customer licenses, or sell the customer additional product functionality

3. FNE - Managing Entitlements



3.4 Activation

- **Online Activation**

- The ETAS License Manager software (LiMa) generates a Capability Request for entitled features, then sends the request to FlexNet Operations via the Internet. FlexNet Operations sends a Capability Response to the device, which processes the response and places the license into trusted storage.
- No manual interaction with ETAS License & Download Portal is required

- **Offline Activation**

- The ETAS License Manager software (LiMa) generates a Capability Request file, which is manually transferred to a connected system from which it can be uploaded to FlexNet Operations. The Capability Response is downloaded from FlexNet Operations and transferred to the ETAS license management software (LiMa) for processing.
- Refer to section 3.2 - Upload Capability Request and Generate Capability Response in the ETAS License & Download portal

3. FNE - Managing Entitlements



3.5 Return and Rehost

- **Offline Return**

- The ETAS License Manager software (LiMa) generates a Capability Request file, which is manually transferred to a connected system from which it can be uploaded to FlexNet Operations. The Capability Response is downloaded from FlexNet Operations and transferred to the ETAS License Manager software (LiMa) for processing.
- LiMa processes the Capability Response and the license is removed from the device. LiMa generates the confirmation file which needs to be uploaded to FlexNet Operations.
- After the upload of the Confirmation Response in FlexNet Operations, the license is available again for activation
- Online Return is not supported

- **Manual Return**

- If the customer PC is defect or lost, the customers should inform ETAS customer support for manual return processes

- **Rehost (only possible through return + new activation)**

- After the return process, the license can be activated on another device.

3. FNE - Managing Entitlements



3.6 Migration

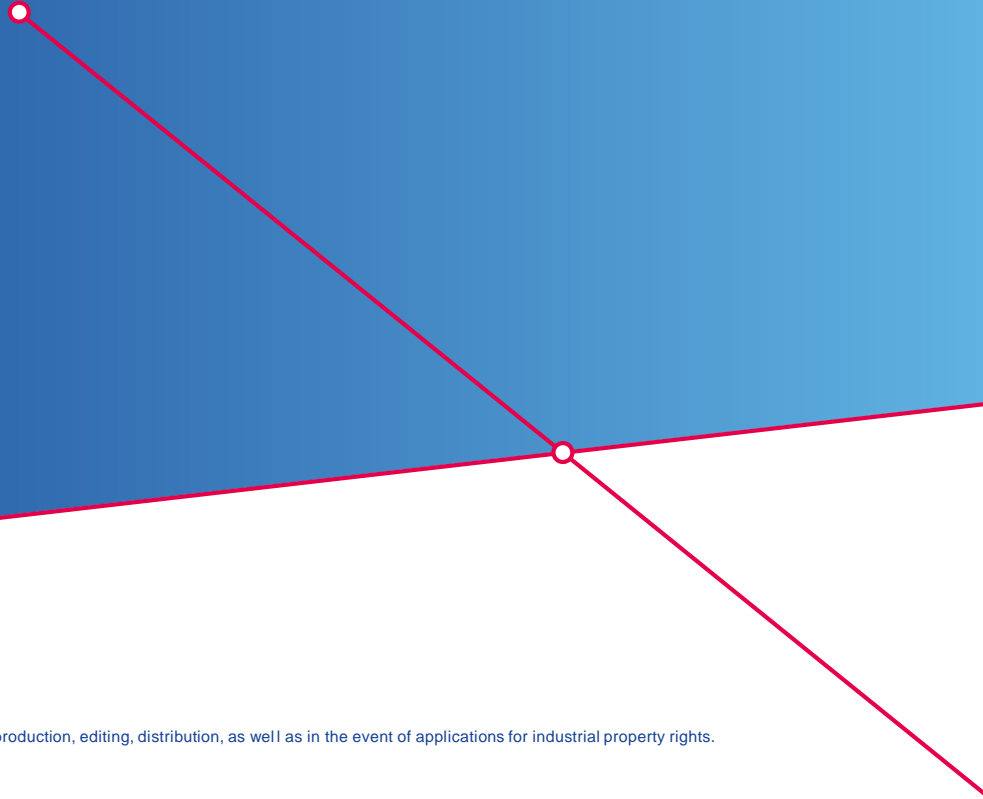
- **Online Migration**

- The ETAS License Manager software (LiMa) generates a Migration Request for entitled features, then sends the request to FlexNet Operations Service via the Internet. FlexNet Operations Service processes the response and places upgraded FNE licenses into trusted storage.
The old activation ID will become obsolete and a new activation ID is assigned during migration.
- No manual interaction with ETAS License & Download Portal is required

- **Offline Migration**

- The ETAS License Manager software (LiMa) in the offline PC generates a Migration Request file, which should be manually transferred to a PC which can connect to FlexNet Operation Service through the internet.
- The online PC uploads the request file into the Flexnet operation service through Lima, downloads the response file and transfers the response file to the offline PC
- The offline PC processes the response file, which will install the upgraded FNE license into the trusted storage
- No manual interaction with ETAS License & Download Portal is required

4. Managing Downloads



4. Managing Downloads



4.1 View Available Downloads

- The view “**Home**” will give you an overview of available downloads and recently added download files of your ordered product(s).
- Please be aware of by selecting one of the recently released files, it will takes up to 10 seconds until to get files data.

The screenshot shows the ETAS License & Download Portal. The header includes the ETAS logo and navigation links: Home | Activation & Entitlements | License Support | Downloads. The main content area is titled "Welcome to the ETAS License & Download Portal" and features a search bar for "Public Downloads for Software".

There are three main sections:

- Current License Entitlements**: A table with columns for Activation ID, Product, and Last modified. It lists several licenses for products like ES_ASSET DEVELOPER, ISW_INCA, and ISWL_INCA.
- Available Downloads**: A section with a search icon and a list of products: INCA, INTECRIO, and ISOLAR. Below this is a "Public Downloads" section.
- Recently Released Files**: A table with columns for Description and Date. It lists files such as INCA_7.2_SP13_Multilingual, ERRORCELL, and INCA_V7.2_SP16_english.

At the bottom of the "Available Downloads" section, there is a note: "To activate the software, you need a license file."

4. Managing Downloads



4.1 View Available Downloads

- For accessing to available downloads area, you can either select a specific product family from the Home -> Available Downloads or can select the same view over the Menu item Downloads -> Available Downloads.

- By selecting one product family, you get the lists of available download packages regarding to your product.

The screenshot shows the ETAS Download Portal. A red circle highlights the 'Downloads' menu item in the top navigation bar, which has a sub-menu containing 'Available Downloads', 'Recent Releases', 'Recently Released Files', and 'Search'. Another red circle highlights the 'Available Downloads' link in the breadcrumb navigation below the header. The main content area is divided into two sections: 'Current License Entitlements' and 'Available Downloads'. The 'Available Downloads' section contains a table with the following data:

Product	Last modified
PERU_Test_3	May 11, 2020
ISOLAR 8_ELIC-ME	May 11, 2020
INCA FINE Übungen	May 11, 2020
ES_ASSET_DEVELOPMENT_LIC_UP	Apr 22, 2020
ISW_INCA_LIC_UP	Apr 20, 2020

The screenshot shows the ETAS Downloads page. The main heading is 'Downloads'. Below the heading, there is a message: 'Your product lines, available for download, are listed here. Please click on the desired product line to have access to the download.' There is a 'Change Account' dropdown menu. Below this, there is a list of product lines: INCA, INTECRIO, ISOLAR, and Public Downloads.

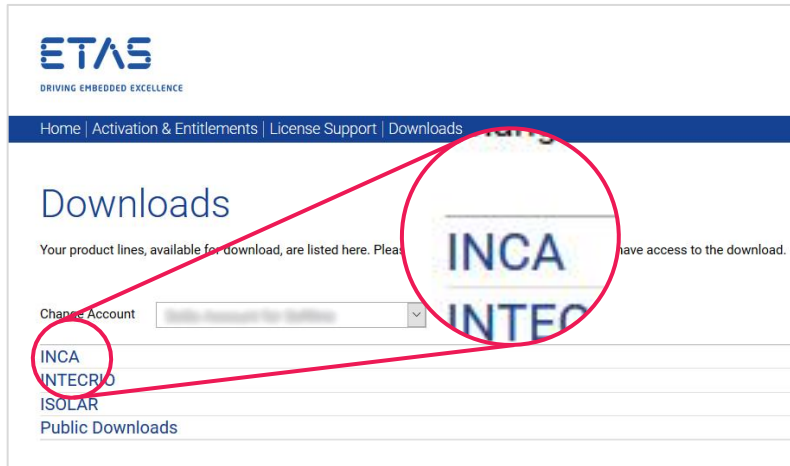
4. Managing Downloads



4.1 View Available Downloads

- Each product belongs to a product family and all download packages are assigned to the corresponding product family.

- By selecting one product family, you get the lists of available download packages regarding to your product.



4. Managing Downloads



4.1 View Available Downloads

Now you can see in the tab “**New Versions**” the current available download packages for your product. Older download packages will be available in the “**Previous Versions**” only in the case if you bought older versions of the product in the past.

- For download of files please select a filename.

The screenshot shows the ETAS website's 'Download Packages' page for the 'INCA' product. The page has a blue header with the ETAS logo and navigation links: Home | Activation & Entitlements | License Support | Downloads. Below the header, the title 'Download Packages' is displayed, followed by a sub-header 'INCA'. There are two tabs: 'New Versions' (selected) and 'Previous Versions'. A table lists the available download packages:

Version	Description
V7.3 SP15	ISW_INCAKnown Issue Report_V7.3 SP15
V7.2 SP 16	ISW_INCA[Software_V7.2 SP 16

4. Managing Downloads



4.1 View Available Downloads

Each download package contains a number of files. By selecting a download package, you get the files provided as list again, but please be aware, it will takes up to 10 seconds until to get files displayed. If do that for the first time, you need to accept the EULA once.

- For more description of a file, please click on “+” to get more data

The screenshot shows the ETAS software download interface. At the top, there is a navigation bar with 'Home | Activation & Entitlements | License Support | Downloads'. Below this, the page title is 'Available Downloads' and the specific package is 'ISW_INCA|Software_V7.2 SP 16 V7.2 SP 16'. There are three tabs: 'Files', 'Download Log', and 'Notification Log'. The 'Files' tab is active, displaying a table of files. The table has columns for 'File Description', 'File Size', 'File Added', and 'File Name'. The first row is expanded, showing a '+' icon and the file name 'INCA-V7.2-Whats-n...'. A red circle highlights this '+' icon. Another red circle highlights the 'File Name' column header. A third red circle highlights the 'File Name' column of the first row, which shows 'INCA-V7.2-Whats-n...' and 'INCA_7.2_Relea...'. Below the table, there is a section for 'INCA V7.2 Service Pack 16' with a detailed description and a 'SHA256 Checksum'.

File Description	File Size	File Added	File Name
+ INCA-V7.2-Whats-n..._english	9,13MB	Jan 24, 2020	INCA-V7.2-Whats-n...
+ INCA_7.2_Release_Notes_english	2,08MB	Jan 24, 2020	INCA_7.2_Release_Notes.pdf
+ INCA_V7.2_ServicePack_Release_Notes_english	1,57MB	Jan 24, 2020	INCA_V7.2_ServicePack_Release_Notes.pdf
- INCA_V7.2_SP16_english	2,56GB	Jan 24, 2020	INCA_V7.2_SP16.zip

4. Managing Downloads



4.1 View Available Downloads

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

Downloads

ISW_INCA|Software_V7.2 SP 16 V7.2 SP 16

Files Download Log Notification Log

Files downloaded

Downloads	File description	File name
5	INCA_7.2_Release_Notes_english	INCA_7.2_Release_Notes.pdf



- The tab **“Download Log”** summarizes all your taken downloads. If you select a file, you get the log of your downloads with timestamp.
- The tab **“Notification Log”** summarizes all messages, which you get for your product e.g. like product updates etc.

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

Downloads

This page shows the download logs available for a download file.

Files Download Log Notification Log

Files downloaded > Download Transactions

Download start	Contact
Oct 28, 2019 02:39:59 AM PDT	...
Oct 11, 2019 02:37:58 AM PDT	...
Sep 26, 2019 12:27:31 AM PDT	...
Sep 24, 2019 05:38:52 AM PDT	...
Sep 24, 2019 04:53:54 AM PDT	...

ETAS
DRIVING EMBEDDED EXCELLENCE

Home | Activation & Entitlements | License Support | Downloads

No notification log emails available for this product.

Downloads

ISW_INCA|Software_V7.2 SP 16 V7.2 SP 16

Files Download Log Notification Log

View notifications for This product All related products

Subject

No notification logs available for this product.

4. Managing Downloads



4.2 View Recent Releases

- The Recent Release contains data about, which download packages of your product are provided on the last 30, 60, 90 or 120 days.

- As results you get the download packages listed, which you can select. Please be aware, it will takes up to 10 seconds until to get files displayed, if you selected a download package. If do that for the first time, you need to accept the EULA once.

The screenshot shows the ETAS Download Portal. A red circle highlights the navigation menu with options: Downloads, Available Downloads, Recent Releases, and Recently Released Files. Below the navigation, there are sections for 'Current License Entitlements' and 'Recently Released Files'. The 'Current License Entitlements' table has columns for Activation ID, Product, and Last modified. The 'Recently Released Files' table has columns for Description and Date.

Activation ID	Product	Last modified
		Apr 22, 2020
		Apr 20, 2020
		Apr 20, 2020
		Mar 19, 2020
		Mar 16, 2020

Description	Date
INCA_7.2_SP13_Multilingual	Mar 31, 2020
ERRORCELL	Mar 31, 2020
INCA_V7.2_SP18_english	Jan 24, 2020
INCA_V7.2_WhatsNew_english	Jan 24, 2020
INCA_V7.2_ServicePack_Release_Notes_english	Jan 24, 2020
INCA_7.2_Release_Notes_english	Jan 24, 2020

The screenshot shows the 'Recent Releases' page. It features a navigation bar with 'Home | Activation & Entitlements | License Support | Downloads'. Below the navigation, there is a search bar and a list of release descriptions. The first two entries are: 'ISW_INCA|Known Issue Report_V7.3 SP15' and 'ISW_INCA|Software_V7.2 SP 16'. There is also a pagination control showing 'Page 1 of 1' and a filter for 'Last 60 Days'.

Description
ISW_INCA Known Issue Report_V7.3 SP15
ISW_INCA Software_V7.2 SP 16

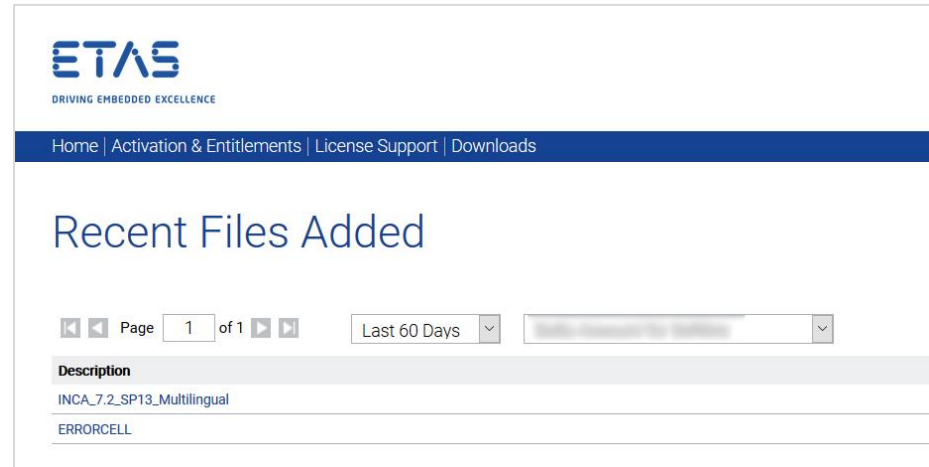
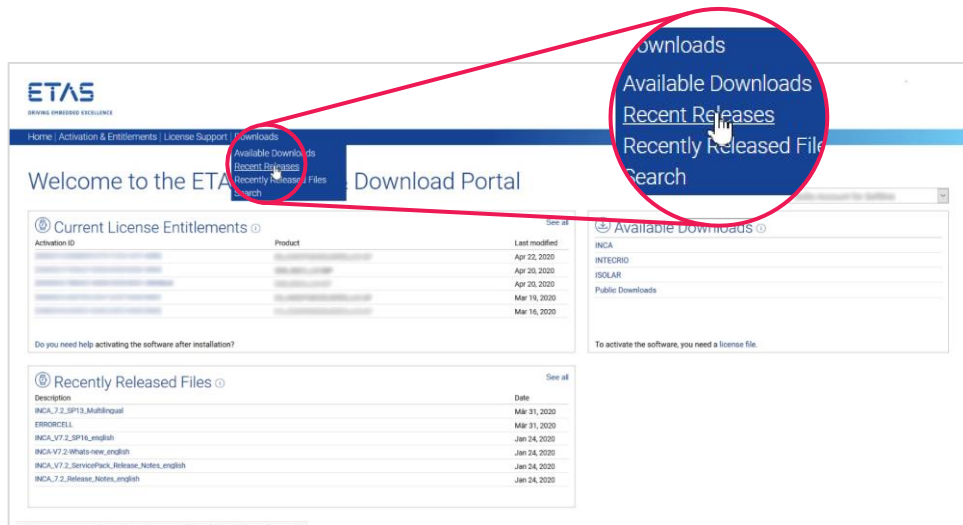
4. Managing Downloads



4.3 View Recently Released Files

- The Recent Release Files contains data about, which download files of your product are provided on the last 30, 60, 90 or 120 days.

- As results you get the download files listed, which you can select. Please be aware, it will takes up to 10 seconds until to get files details displayed, if you selected a download file. If do that for the first time, you need to accept the EULA once.



4. Managing Downloads



4.4 View Search

- The “**Search**” function enables you to search for download files or download packages.

The screenshot shows the ETAS Download Portal interface. A red circle highlights the 'Search' button in the top navigation bar. Another red circle highlights the 'Search' button in the main content area. The page includes sections for 'Current License Entitlements' and 'Recently Released Files'.

Activation ID	Product	Last modified
	INCA	Apr 22, 2020
	INTECRIO	Apr 20, 2020
	ISOLAR	Apr 20, 2020
	Public Downloads	Mar 19, 2020
		Mar 16, 2020

Description	Date
INCA_7_2_SPT13_Multilingual	Mar 31, 2020
ERRORCELL	Mar 31, 2020
INCA_V7.2_SPT16_english	Mar 07, 2020
INCA_V7.2_WhatsNew_english	Jan 24, 2020
INCA_V7.2_ServicePack_Release_Notes_english	Jan 24, 2020
INCA_7_2_Release_Notes_english	Jan 24, 2020

The screenshot shows the ETAS Download Search page. The ETAS logo and tagline 'DRIVING EMBEDDED EXCELLENCE' are at the top. A navigation bar contains links for Home, Activation & Entitlements, License Support, and Downloads. The main heading is 'Download Search'. Below the heading, there is a search form with a 'Choose account' dropdown, a 'Search for:' input field, and a 'Show results for:' section with radio buttons for 'Download packages', 'Files', 'Relevance', and 'Date'. A 'Search' button is at the bottom of the form. Below the search form, there is a 'Page 1' indicator and a 'Packages' section with the message 'No results for this query.'

4. Managing Downloads



4.4 View Search

If you search for download packages, you can enter a substring of the download package name to get matching results. As second option you can sort also the results by relevance or date.

Please be aware, it will takes up to 10 seconds until to get files details displayed, if you selected a download package. If do that for the first time, you need to accept the EULA once

The screenshot displays the ETAS web interface for downloading software. At the top, the ETAS logo and tagline 'DRIVING EMBEDDED EXCELLENCE' are visible. Below the logo is a navigation bar with links for 'Home', 'Activation & Entitlements', 'License Support', and 'Downloads'. The main heading is 'Download Search'. The search form includes a 'Choose account' dropdown menu, a 'Search for:' input field containing 'SP 16', and a 'Show results for:' section with radio buttons for 'Download packages' (selected), 'Files', and 'Sort by:' with radio buttons for 'Relevance' (selected) and 'Date'. A 'Search' button is located below the form. Below the search form is a pagination control showing 'Page 1 of 1'. At the bottom, a table lists the search results.

Packages	Description
ISW_INCA Software_V7.2.SP 16	ISW_INCA Software_V7.2.SP 16

4. Managing Downloads



4.4 View Search

If you search for download files, you can enter a substring of the download package name or download file name to get matching results. As second option you can sort also the results by relevance or date. Please be aware, it will takes up to 10 seconds until to get files details displayed, if you selected a download file. If do that for the first time, you need to accept the EULA once.

E.g. the files are going to be displayed, because the files belongs to the download package „ISW_INCA|Software_V7.2 **SP 16**“. In case of download file search, the search engine is not only searching for download files meta data, it searches also the meta data of corresponding of download packages.

Files	Description
INCA-V7.2-Whats-new.pdf	INCA-V7.2-Whats-new_english
INCA_V7.2_ServicePack_Release_Notes.pdf	INCA_V7.2_ServicePack_Release_Notes_english
INCA_7.2_Release_Notes.pdf	INCA_7.2_Release_Notes_english
INCA_V7.2_SP16.zip	INCA_V7.2_SP16_english

5. FNP - Basic Concepts

5. FNP - Basic Concepts



5.1 Entitlements

An entitlement represents what you, the customer, have the legal right to use; it is the right to obtain one or more licenses for a product. Think of an entitlement as an account, or a store of rights to use software, from which you can redeem licenses as needed. For example, let's assume you order 10 concurrent licenses of ETAS' Software's product, ASCET Rapid

Prototyping Version 6.0.0 You will be issued an entitlement for those 10 copies, specifying the duration of validity. Each entitlement is identified by a unique Entitlement ID, and contains one or more entitlement line items. See **“Activations”** for details.

5.2 Activations

Each Entitlement contains a number of Entitlement line items that can be activated, i.e. a license can be generated for them. The Activation maps to a single product, its license terms, the number of copies entitled, and other details needed to generate a license. Activations are uniquely identified by Activation IDs.

If an Entitlement line item has been activated, the license key for it has been created.

The ETAS License Portal will show activated licenses as fulfillments. See **“Fulfillments”** for details.

5. FNP - Basic Concepts



5.3 Fulfillments

Each time a license key is activated, a fulfillment is generated. The fulfillment contains information on the product, the hosts

and the date when it was created. It is identified by a unique Fulfillment ID.

5.4 Hosts

In order to activate licenses, information on the hosts/licensed devices has to be entered:

- Machine named license: a MAC address has to be provided
- User named license: a server host or server triad as well as a user name have to be provided
- Concurrent license: a server host or server triad has to be provided

If this data changes (e.g. due to a change in hardware or users), the license needs to be “rehosted”. This procedure is described in [Chapter 2.7](#) of this manual.

5. FNP - Basic Concepts



5.5 License Keys

The license determines how, when, and where you can use a licensed product such as ASCET Rapid Prototyping. To ensure the correct usage of the license product, these information

are stored in digitally-signed, human-readable text files. This is called certificate-based licensing.

5.6 License Models

Machine named (PC Based)

- License needs to be managed by each user on his/her own
- License can be carried with the PC
- Exchanging the PC will require you to generate a new license first

Concurrent (Server Based)

- Easy and transparent license management by one server responsible
- License can be borrowed and carried with the PC if enabled
- License is available on each PC in the network
- Several users share a fix amount of licenses; availability of a sufficient amount of free licenses is not granted

5. FNP - Basic Concepts



5.6 License Models

User named (Server Based)

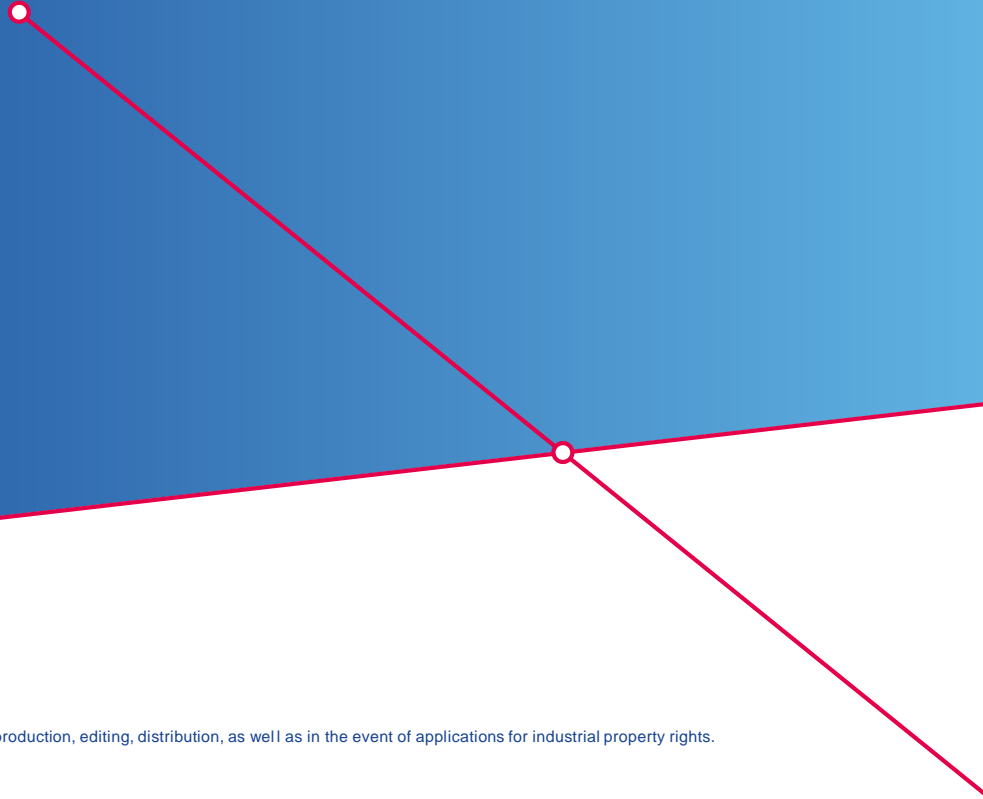
- Easy and transparent license management by one server responsible
- License can be borrowed and carried with the PC
- License is available on each PC in the network
- 100% availability for one specific user

5.7 Consolidating Licenses

Consolidating licenses will make it easier for you to manage your license files. Possible use cases are:

- A user has licenses both for the main product and the add-on
- A lot of users have User named licenses which refer to the same server
- Consolidated licenses can be rehosted in one step instead of several separate steps
- You can only consolidate licenses if they have the same MAC address

6. FNE - Basic Concepts



6. FNE - Basic Concepts



6.1 Entitlements

An entitlement represents what you, the customer, have the legal right to use; it is the right to obtain one or more licenses for a product. Think of an entitlement as an account, or a store of rights to use software, from which you can redeem licenses as needed. For example, let's assume you order 10 concurrent licenses of ETAS' Software's product, ASCET Rapid

Prototyping Version 6.0.0 You will be issued an entitlement for those 10 copies, specifying the duration of validity. Each entitlement is identified by a unique Entitlement ID, and contains one or more entitlement line items. See **“Activations”** for details.

6.2 Activations

Each Entitlement contains a number of Entitlement line items that can be activated, i.e. a license can be generated for them. The Activation maps to a single product, its license terms, the number of copies entitled, and other details needed to generate a license. Activations are uniquely identified by Activation IDs.

If an Entitlement line item has been activated, the license key for it has been created.

The ETAS License Portal will show activated licenses as fulfillments. See **“Fulfillments”** for details.

6. FNE - Basic Concepts



6.4 Trusted Storage

Trusted storage is a secure location bound to a particular device. In addition to its contents being encrypted, security features of trusted storage include:

- Binding, which detects if trusted storage has been copied to another device by using producer-defined system identity characteristics. When license rights are placed in trusted storage, a „fingerprint“ made of system characteristics is placed in trusted storage; when license rights are acquired, the stored fingerprint is compared to the current system’s fingerprint to detect changes.
- Anchoring, which provides trust that trusted storage has not been deleted or rolled back to an earlier state on the same device. This prevents a device from restarting a trial license if trusted storage is deleted, for example. To achieve this, another stores a small amount of data in a location that is difficult to observe or access

6. FNE - Basic Concepts



6.5 License Models

Machine named (PC Based)

- License needs to be managed by each user on his/her own
- License can be carried with the PC
- Exchanging the PC will require you to generate a new license first

Concurrent (Server Based)

- Easy and transparent license management by one server responsible
- License can be borrowed and carried with the PC if enabled
- License is available on each PC in the network
- Several users share a fix amount of licenses; availability of a sufficient amount of free licenses is not granted

User named (Server Based)

- Easy and transparent license management by one server responsible
- License can be borrowed and carried with the PC
- License is available on each PC in the network
- 100% availability for one specific user

7. Copyright

7. Copyright



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