



**User manual**  
**netANALYZER Scope licensing**  
**Overview**  
**V 2.0.x.x**

**Hilscher Gesellschaft für Systemautomation mbH**  
**[www.hilscher.com](http://www.hilscher.com)**

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# Table of contents

<b>1</b>	<b>Introduction</b> .....	<b>3</b>
1.1	About the user manual .....	3
1.1.1	List of revisions .....	3
1.2	Legal notes.....	4
1.3	Licensing model and licensing .....	8
1.3.1	Licensing for single functionalities .....	8
1.3.2	License Manager .....	9
1.3.3	License model.....	9
1.4	Requirements .....	10
1.5	Ordering data on licenses .....	11
<b>2</b>	<b>Overview</b> .....	<b>12</b>
<b>3</b>	<b>Licensing</b> .....	<b>14</b>
3.1	Checking and selecting licenses .....	14
3.2	Fill out request form .....	16
3.3	Submitting license request .....	17
3.4	Transfer license to the device and activate.....	18
	<b>Contacts</b> .....	<b>21</b>

# 1 Introduction

## 1.1 About the user manual

In this manual you will find a list of the features of the netANALYZER Scope software in the basic version and in the fully licensed version of this software. Additionally you find an overview to the steps for the

1. The **ordering** process and
2. the **licensing** process

The **ordering process** is the commercial procedure through which you acquire your license. At the Hilscher customer center or sales department you order the netANALYZER Scope license (or the additional license (addon)) required for your netANALYZER device, by specifying the part number, title and description.

The **licensing** process includes the steps

- Request for the acquired license by e-mail, fax or phone,
- Downloading the license from the server and
- Transfer of the license into the device (activation).

### 1.1.1 List of revisions

Index	Date	Chapter	Revisions
1	15-03-03	All	created
2	17-02-23	1.2, 1.4, 1.5, 2, 3.1, 3.3	Sections / chapters <i>Legal notes</i> [▶ page 4], <i>Requirements</i> [▶ page 10], <i>Ordering data on licenses</i> [▶ page 11], <i>Checking and selecting licenses</i> [▶ page 14], <i>Checking and selecting licenses</i> [▶ page 14] added, updated or revised.

Table 1: List of revisions

#### Also see about this

- 📖 Overview [▶ 12]

## 1.2 Legal notes

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- Flight control systems in aviation and aerospace;
- Nuclear fusion processes in nuclear power plants;
- Medical devices used for life support and
- Vehicle control systems used in passenger transport

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The warranty obligation for equipment (hardware) we produce is 36 months, calculated as of the date of delivery ex works. The aforementioned provisions shall not apply if longer warranty periods are mandatory by law pursuant to Section 438 (1.2) BGB, Section 479 (1) BGB and Section 634a (1) BGB [Bürgerliches Gesetzbuch; German Civil Code] If, despite of all due care taken, the delivered product should have a defect, which already

existed at the time of the transfer of risk, it shall be at our discretion to either repair the product or to deliver a replacement product, subject to timely notification of defect.

The warranty obligation shall not apply if the notification of defect is not asserted promptly, if the purchaser or third party has tampered with the products, if the defect is the result of natural wear, was caused by unfavorable operating conditions or is due to violations against our operating regulations or against rules of good electrical engineering practice, or if our request to return the defective object is not promptly complied with.

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## 1.3 Licensing model and licensing

### 1.3.1 Licensing for single functionalities

#### I.) netANALYZER Scope functionalities without license

The following functionalities of netANALYZER Scope are generally enabled without an additional license (free evaluation version):

- Frame recording
- Netload analysis
- Timing analysis

In these functions, the recording time is limited only by the available memory.

#### II.) netANALYZER Scope functionalities with license

All other functions of netANALYZER Scope can only be used to a limited extent without the netANALYZER Scope basic license and are only available for a 1 second recording time. For details, see section *Ordering data on licenses* [▶ page 11].

**Note:**

The netANALYZER Scope license is stored in the netANALYZER hardware. netANALYZER Scope must have access to the license information stored in your device for you can use the full capabilities of your licensed netANALYZER Scope software. Additional add-ons can be re-licensed at any time.

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## 1.3.2 License Manager

The Hilscher **License Manager** is a stand-alone software, by help of which you can request your software licenses acquired for Hilscher software products. Furthermore this software serves to download the license from the server and to transfer it into your netANALYZER device to activate it.



For detailed descriptions about the Hilscher License Manager, refer to the user manual **Hilscher License Manager**, Description of software licensing (Document ID: DOC131201OIXXEN).

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## 1.3.3 License model

In general, a license is required.

Only in the following cases, no license fee is charged:

In order to display recordings made with netANALYZER Scope on other computers, the usage of netANALYZER Scope on other computers with no installed netANALYZER hardware is allowed without an additional license for customers having already a license for netANALYZER Scope.

There is an evaluation version of netANALYZER Scope available from Hilscher free of charge. This special version differs from the full version only in its limited recording time.

## 1.4 Requirements

In order to download the product DVD, you need an Internet access.



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Information on the system and software requirements for the **Hilscher License Manager**, refer to the user manual Hilscher License Manager, Description of software licensing (Document ID: DOC131201OIXXEN).

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### Licenses

For your netANALYZER hardware (card or portable device) together with the analysis software netANALYZER Scope, you need software licenses for netANALYZER and netANALYZER Scope.

- To use the full functionality of the netANALYZER Scope analysis software with unlimited recording time, on the one hand you need to order a netANALYZER scope license with costs and on the other hand you need to request this license for the software licensing and you must download it from the server and transmit it into your device to activate the license.
- The netANALYZER Scope license or the additional licenses (add-ons) are stored in the netANALYZER hardware. netANALYZER Scope must have access to the license information stored in your device, for you can fully use the whole functional range of your licensed netANALYZER Scope software.

Also observe the requirements for the hardware configuration and the operating mode of your device.

- As a prerequisite for the live recording with netANALYZER Scope (basic or full version) your netANALYZER device must be connected to the PC with the netANALYZER Scope application. If the netANALYZER Scope application is in offline mode, loading records of any duration at any time without netANALYZER device and without netANALYZER Scope license is possible.

## 1.5 Ordering data on licenses

Part number	Parte title	Description	Explanation
8582.001	LIC/SCPBS	netANALYZER Scope base	netANALYZER Scope software license, basic license <b>Note:</b> In order to use the "Snapshot Mode" in the "Autonomous operating mode", the netANALYZER Scope software basic license is required in addition to the netANALYZER Scope add-on "Autonomous operation NANL-B500G-RE". (delivery without netANALYZER device)
8582.030*	LIC/SCP/PN	PROFINET process data and events	netANALYZER Scope add-on Required additional license for PROFINET IO process data acquisition and event detection
8582.040*	LIC/SCP/ECAT	EtherCAT process data	netANALYZER Scope add-on Required additional license for EtherCAT process data acquisition
8582.050*	LIC/SCP/CVF	Custom value filters	netANALYZER Scope add-on Required additional license for application of user-defined data filters for any Ethernet-based protocols
8582.060	LIC/NANL/SA	Autonomous operation NANL-B500G-RE	netANALYZER add-on Required additional license for the analyzer device NANL-B500G-RE, for executing the "Autonomous operating mode" without PC
8582.070*	LIC/SCP/PCAP	PCAP import	netANALYZER Scope add-on Required additional license for importing Pcap files

*Table 2: Ordering data to software licenses for netANALYZER devices*

\* As a prerequisite, the netANALYZER Scope software basic license must be installed.

The latest version of the netANALYZER Scope software is available for download on the Hilscher website [www.hilscher.com](http://www.hilscher.com).

## 2 Overview

No	Step	Description	Detailed information, see chapter / section
<b>1</b>	<b>Checking available licenses</b>	<b>Check, which licenses already exist in your device and which licenses you still need.</b>	
1.1	Download and unpack netANALYZER Scope DVD	You need the Hilscher <b>License Manager</b> . The installation of this can be found on the netANALYZER Scope DVD. - Download the DVD via the following path and unzip the zip file: <i>www.hilscher.com/en &gt; Home &gt; Products &gt; Analysis and Data Acquisition &gt; Ethernet analysis &gt; netANALYZER Scope &gt; Downloads &gt; Software &gt; netANALYZER Scope DVD (ZIP)</i>	
1.2	Install Hilscher License Manager	- Double-click in the root directory of the DVD to the file <i>netANALYZER scope.exe</i> . - In the autostart menu select <b>Install Scope Software</b> . - In the installation dialog for the program <b>Hilscher License Manager</b> select <b>Install</b> . - Check <b>I accept the terms of the license agreement</b> . - Click <b>Apply</b> . - Close all applications and answer the query with <b>OK</b> . - Answer to the Windows safety query by <b>Yes</b> . - The installation is complete. - Click <b>Finish</b> .	Installation guide, <i>Software installation for netANALYZER devices</i>
1.3	Connect netANALYZER device to PC	Your netANALYZER device must be connected to the PC with the Hilscher License Manager.	User manual <i>netANALYZER devices</i>
1.4	Check available licenses	- Start the Hilscher License Manager. In the Hilscher <b>License Manager</b> window, - under select <b>Device List</b> select the connected device and - under <b>License Status</b> notice which licenses are already available on your device. In addition, you can also look at the right side under <b>License Type</b> if and which licenses are available in your device:	Operating Instruction Manual, <i>Hilscher License Manager</i>
<b>2</b>	<b>Order and purchase license</b>	<b>You must purchase the software licenses for your device. Ordering a license is liable to pay costs.</b>	
2.1	Initiate the order for netANALYZER Scope license (commercial management)	Activate the order for the netANALYZER Scope software license for your netANALYZER device by e-mail, phone or fax at the Hilscher customer center or sales department. Enter the part number, the part title and description of the license you want to order.	<i>Ordering data on licenses</i> [▶ page 11]

Table 3: Ordering license, submitting license request, downloading and activating license

No	Step	Description	Detailed information, see chapter / section
<b>3</b>	<b>Submitting license request</b>	<b>For licensing Hilscher needs your license request with the licensees and license type data.</b>	
3.1	Requirement	<b>Important!</b> Before or together with the license request, you must order the license or the additional license (add-on) at the Hilscher customer center or sales department.	Operating Instruction Manual, <i>Hilscher License Manager</i>
3.2	Requirement	You need the Hilscher <b>License Manager</b> and your netANALYZER device must be connected to the PC with the Hilscher License Manager.	
3.3	Selecting the device	- Start the Hilscher <b>License Manager</b> . In the Hilscher <b>License Manager</b> window - under <b>Device List</b> select your device and	
3.4	Check license types	- at the right side under <b>License Type</b> in the column <b>Order</b> under check the add-on required or under <b>Application &gt; netANALYZER Scope</b> .	
3.5	Fill out form	- Under <b>Request Form</b> enter the license type and your address details.	
3.6	Submit license request	- Select the <b>subsidiary</b> and forward your license request by <b>e-mail, fax</b> or submit the data by <b>phone</b> to the Hilscher customer center or sales department.	
<b>4</b>	<b>Downloading and activating license</b>	<b>License files can only be delivered via e-mail. The e-mail contains a link to download the license file.</b>	
4.1	Connect netANALYZER device to PC	Your netANALYZER device must be connected to the PC with the Hilscher License Manager.	User manual <i>netANALYZER devices</i>
4.2	Download license from the server and transfer it to the device	The Hilscher customer center or sales department handles your license request. On your license request, you will receive an e-mail with a link to download the license file. This link leads to a server PC on which the license file is provided. Using the received link you must save the license file on your PC and then transfer the license to your device.	Operating Instruction Manual, <i>Hilscher License Manager</i>

Table 4: Ordering license, submitting license request, downloading and activating license (continued)

## 3 Licensing

The following description provides an introduction about the **Hilscher License Manager** and how you can submit a license request, download the license from the server and how you can activate your license for your device.



For a detailed description of the questions:

- Which licenses are present in the device?
- How do I request my new license?
- How to get my license and transfer it to the device?

you find in the user manual **Hilscher License Manager, Description of software licensing, V1.0.x.x.**

### 3.1 Checking and selecting licenses

In the **Hilscher License Manager** window, you can select your device under **Device list** and then you can see under **License status** which licenses are available in your device. Missing licenses you can select under **License > Feature** or **Application** for the purchase order.

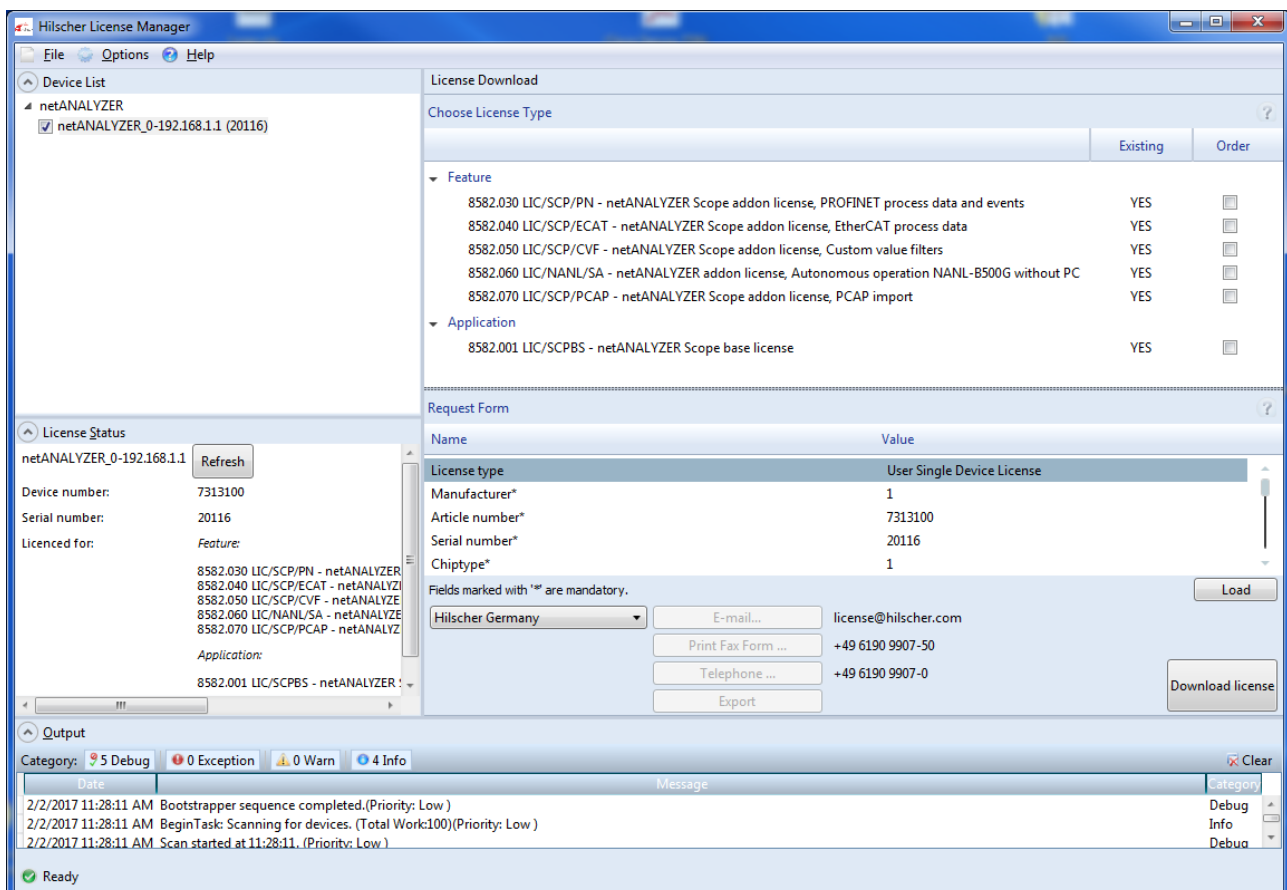


Figure 1: Hilscher License Manager

- If a license already exists in your device, this is indicated in the column **Existing** with **YES**.
- If a single license available for netANALYZER Scope is not yet present in your device, this is indicated in the column **Existing** with **NO**.

1. Check available licenses.
  - If you want to order a license, compare which licenses already exist in your device to those you still need.
2. Select additional licenses (add-ons) or application program.
  - To select a license for ordering, check the missing license in the column **Order**.
  - Under **Feature > Order**, check which additional licenses (add-ons) you need.
  - Under **Application > Order** check the netANALYZER Scope basic license.
  - Continue the ordering process.

### Available licenses

In order to record and analyze data using the netANALYZER hardware (card or portable device) together with the analysis software netANALYZER Scope, for netANALYZER and netANALYZER Scope the licenses or add-ons listed in the table *Ordering data to software licenses for netANALYZER devices* [▶ page 11] can be selected.

## 3.2 Fill out request form

### A.) Device information

The *Device Information* required for the license request are read out from the device and automatically filled into the request form.

### B.) License type and address data

For your license request you must enter the following data to the **Hilscher License Manager** pane:

1. License Type
  - Select the license type under **Request Form > Value** .
2. Mandatory fields in the request form (editable fields):
  - Enter all mandatory fields under **Request Form > Value** (in the figure marked with\*).
  - First name
  - Surname
  - E Mail\* (address, to which the license download link shall be send to.)
  - Telephone
  - Company
  - Address
  - Country
  - City, State, Zip
3. Optional information in the request (editable fields):
  - Enter all fields for the additional data, which are not mandatory, under **Request Form > Value**.
  - Fax
  - Customer Number
  - Order Number
  - Value added tax identification number
4. Load:
  - Select **Load** to load the license information saved in an XML file. (The data must be saved before via **Export**.)



### 3.3 Submitting license request

**Note:**

You must acquire the software license for your device at the Hilscher customer center or sales department. When ordering a license you are liable to pay costs.

In the **Hilscher License Manager** window you must induce that your license request is sent. Therefore:

1. Select the *subsidiary* to which your license request should be sent.
2. Send the license request by e-mail, fax, phone or in a file.

**Example: License request by e-mail:**

- Click **E-mail...**
- ⇒ The e-mail **License request** contains the e-mail address of the selected subsidiary, the automatically generated XML file with a summary of the request data (example: *LicenseRequest\_e7072f96-74cd-4f4c-90ba-befa7181449e.xml*), the address of the licensee, the license information (data of the licensee), the license type, the device data and information about the licenses requested.
- Forward the e-mail **License request**.
- ⇒ The license request is complete.

## 3.4 Transfer license to the device and activate

**Note:**

License files can only be delivered via email. The email contains a link to download the license file.

Using the received link you will have to save the license file on your PC first and then transfer the license to your device. If your e-mail client is on another PC as the PC your device is connected to, you must save the license file for example, on a USB storage device.

**How to proceed**

- Click to the **link to download the license file** in the e-mail.
- Connect the netANALYZER device to the PC on which the e-mail client and the Hilscher License Manager are installed.
- Download the license file *\*.nxl* to the PC.
- Click **Download License** in the **Hilscher License Manager** pane in the configuration software.
- In the file selection window **Open** select the license file *\*.nxl*.
- Click **Open**.
- ⇒ The license file is transferred to the device.
- ⇒ After this, the license is available in the device.

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## List of figures

Figure 1:	Hilscher License Manager .....	14
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## List of tables

Table 1:	List of revisions .....	3
Table 2:	Ordering data to software licenses for netANALYZER devices .....	11
Table 3:	Ordering license, submitting license request, downloading and activating license	12
Table 4:	Ordering license, submitting license request, downloading and activating license (continued) .....	13

# Contacts

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