

# LICENSES

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Bintec User's Guide - XGeneration  
Version 1.1

**Purpose** This document is part of the user's guide to the installation and configuration of Bintec gateways running software release 7.1.15 resp. 7.1.19 for WLAN or later. For up-to-the-minute information and instructions concerning the latest software release, you should always read our **Release Notes**, especially when carrying out a software update to a later release level. The latest **Release Notes** can be found at [www.funkwerk-ec.com](http://www.funkwerk-ec.com).

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The information in this manual is subject to change without notice. Additional information, changes and **Release Notes** for Bintec gateways can be found at [www.funkwerk-ec.com](http://www.funkwerk-ec.com).

As multiprotocol gateways, Bintec gateways set up WAN connections in accordance with the system configuration. To prevent unintentional charges accumulating, the operation of the product should be carefully monitored. Funkwerk Enterprise Communications GmbH accepts no liability for loss of data, unintentional connection costs and damages resulting from unsupervised operation of the product.

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**Guidelines and standards** Bintec gateways comply with the following guidelines and standards:

R&TTE Directive 1999/5/EG

CE marking for all EU countries and Switzerland

You will find detailed information in the Declarations of Conformity at [www.funkwerk-ec.com](http://www.funkwerk-ec.com).

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# 1 Menu Licenses

The fields of the *LICENSES* menu are described below.

**Licenses** This menu is used for activating **XGeneration** gateway features with the aid of licenses. Licenses are divided into various types:

- licenses already available in the ex works state of the device (e.g. Easy Licensing)
- free extra licenses
- extra licenses at extra cost

## Entering license data in the Setup Tool

Certain licenses are preconfigured on the gateway in the ex works state (see “Licensed subsystems in ex works state” on page 4). If the data are deleted accidentally, they can be easily recovered using Easy Licensing (see “Mask” on page 5).

You can obtain the license data for extra licenses via the online licensing pages in the support section at [www.funkwerk-ec.com](http://www.funkwerk-ec.com). Please follow the online licensing instructions. (Please also note the information on the license card for licenses at extra cost.) You will then receive an e-mail with the following data: License key (**KEY**) and license serial number (**SERIALNUMBER**).

The subsystems available on your gateway are listed under **AVAILABLE LICENSES**:

|  |          |                             |       |
|--|----------|-----------------------------|-------|
| X2302w Setup Tool                                  |          | Bintec Access Networks GmbH |       |
| [LICENSE]: Licenses                                |          | MyGateway                   |       |
| Available Licenses:<br>BRIDGE, IP (builtin), IPSEC |          |                             |       |
| Software License ID: SX1020004300024               |          |                             |       |
| Serialnumber                                       | Used for | Description                 | State |
| default  | Software | easy licensing              | ok    |
| ADD  | DELETE   | EXIT                        |       |

The licenses entered are also shown (**SERIALNUMBER**, **USED FOR**, **DESCRIPTION**, **STATE**).

Possible values for **STATE**:

| Description | Meaning   |
|-------------|---|
| ok          | Subsystem is activated.   |
| not ok      | Subsystem is not activated.   |
| unsupported | You have entered a license for a subsystem your gateway does not support. |

Table 1-1: Possible values for **STATE**

**Ex works state** The following licenses are available on your gateway in the ex works state:

| Licenses available in ex works state | Meaning  |
|--------------------------------------|--|
| IP                                   | IP routing   |
| BRIDGE                               | Bridging   |
| IPSEC                                | Virtual Private Networking with Internet Protocol Security (VPN-IPSec) |

Table 1-2: Licensed subsystems in ex works state

**Activating extra licenses** You can activate the relevant extra licenses by adding the license information received in the **LICENSES** → **ADD** menu. Existing entries can be edited by tagging the desired list entry and selecting by pressing **Return**.

|                   |  |                             |  |
|-------------------|--|-----------------------------|--|
| X2302w Setup Tool |  | Bintec Access Networks GmbH |  |
| [LICENSE] [ADD]   |  | MyGateway                   |  |
| Serialnumber      |  |                             |  |
| Mask              |  | 65535                       |  |
| Description       |  | default easy licensing      |  |
| SAVE              |  | CANCEL                      |  |

The **LICENSES** → **ADD/EDIT** menu consists of the following fields:

| Field         | Description   |
|---------------|---|
| Serial Number | The license serial number you received on buying the license.   |
| Mask          | If licenses available in the ex works state have been deleted, confirm the default value: 65535. Is grayed out automatically when a <b>SERIAL NUMBER</b> is entered.                                |
| Description   | Description of subsystem.   |
| Key           | License key<br>A parameter received during online licensing, which is entered together with the license serial number.<br>This field is shown automatically when a <b>SERIAL NUMBER</b> is entered. |

Table 1-3: **LICENSES** menu fields







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|          | Serial number             | 3    |
|          | Software license ID       | 3    |
|          | License serial number     | 3    |
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| <b>P</b> | PIN                       | 3    |
| <b>S</b> | Serial Number             | 5    |
|          | Serial number             | 3, 5 |
|          | Software license ID       | 3    |

