LICENSES

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bintec User's Guide - R series
Version 1.0

Purpose

This document is part of the user's guide to the installation and configuration of bintec gateways running software release 7.2.4 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.

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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.

How to reach Funkwerk Enterprise Communications GmbH

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1 Menu Licenses

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

Licenses

This menu is used for activating **R series** 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 (e.g. IP address transfer via ISDN)
- 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. 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***:

```
R232bw Setup Tool              Funkwerk Enterprise Communications GmbH
[LICENSE]: Licenses                                          MyGateway

  Available Licenses:
  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**.

```
R232bw Setup Tool                Funkwerk Enterprise Communications 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 ***SERIALNUMBER*** is entered.
Description	Description of subsystem.
Key	License key A parameter received during online licensing, which is entered together with the license serial number. This field is shown automatically when a ***SERIALNUMBER*** is entered.

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

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- PIN 3
- Serial number 3
- Software license ID 3

License serial number 3

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P

PIN 3

S

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Software license ID 3