User's Guide

bintec R4100 / R4300

Licenses

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Version 1.0

Purpose

This document is part of the user's guide to the installation and configuration of bintec gateways running software release 7.4.3 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.

Liability

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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.

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 gateway features with the aid of licenses. Licenses are divided into various types:

- licenses already available in the ex works state of the device
- free extra licenses
- extra licenses at extra cost.

The data sheet which you can download at www.funkwerk-ec.com informs about the licences that are available on your gateway in ex works state and about additional licences available online free or at charge.

Entering license data in the Setup Tool

If the data are deleted accidentally, the licenses preconfigured on the gateway in the ex works state 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 license key (***KEY***) and license serial number (***SERIALNUMBER***).

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

```
R4100 Setup Tool                Funkwerk Enterprise Communications GmbH
[LICENSE]: Licenses                                            MyGateway

Available Licenses:
BRIDGE, CAPI, FRAME RELAY, IP (builtin), OSPF, IPSEC(10/110), TUNNEL

Software License ID: R4A160006150031

Serialnumber      Used for     Description      State
default           Software     easy licensing   ok
R4AIPSFRFactory   Software     IPSEC            ok




    ADD                 DELETE              EXIT
```

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

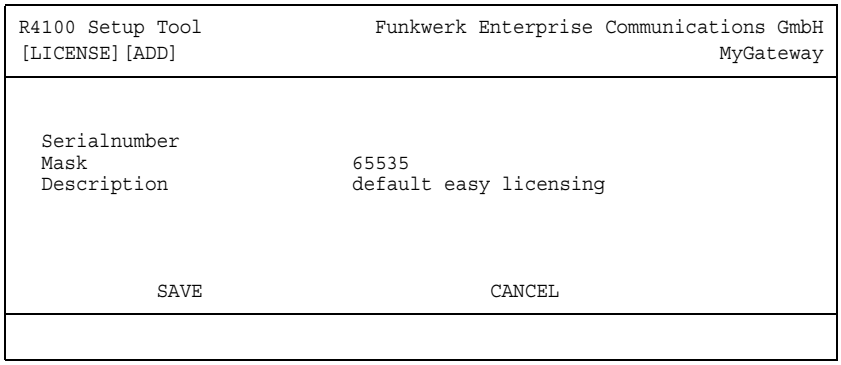
Possible values for ***STATE***:

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***

Activating extra licenses

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



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.

Field	Description
Number of licenses ... total, ... in use by...	This field is only displayed in the **EDIT** menu of IPSec and ISDN hardware licences. The number of available licences for the respective subsystem and the number of currently used licences is displayed here.

Table 1-2: ***LICENSES*** menu fields

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Description 5

H

Hardware serial number 3

I

in use by 6

K

Key 3, 5

L

License data
- Activating extra licenses 4
- License serial number 3
- PIN 3
- Serial number 3
- Software license ID 3

License serial number 3

M

Mask 5

N

Number of licenses 6

O

Online licensing 3, 5

P

PIN 3

S

Serial Number 5
Serial number 3, 5
Software license ID 3

T

total 6