

**READ ME
(EN / DE)
SYSTEM SOFTWARE
7.1.10 PATCH 8**

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Read Me - System Software
Version 1.0

Purpose This document describes new features, changes, and solved problems of **System Software 7.1.10 Patch 8**.

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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.bintec.net.

**How to reach Funkwerk
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1 Error with IPSec Default Licence Removed

Funkwerk Enterprise Communications GmbH has activated support for five active IPSec connections on all current XGeneration products as of System Software 7.1.10. System Software 7.1.10 Patch 8 contains an error which causes the production date to be interpreted incorrectly. Due to this error the IPSec default license is not activated. System Software 7.1.10 Patch 8 eliminates this error.

After an update to System Software 7.1.10 Patch 8, the following products automatically feature a license which allows establishing up to five IPSec tunnels:

- X1000 II
- X1200 II
- X2100
- X2300
- X2300s
- X2300i
- X2300is
- X2404
- X2500

This change is valid for all gateways that have been produced in CW 18/2004 and later. You can extract the production date of your gateway from the serial number: Digits 8 to 11 of the 15 digit serial number display the year and the calendar week of your gateway's production. A **X2300is** with serial number **X2xxxxx0426xxxx** has thus been produced in 2004 (04), CW 26 (26).

The license that enables the use of IPSec is automatically entered into the **BIBOADMLICENSETABLE** and is displayed in the **LICENSES** menu of the Setup Tool:

```

X2300is compact Setup Tool                               BinTec
[LICENSE]: Licenses                                     MyGateway

Available Licenses:
  IP (builtin), OSPF, IPSEC, CAPI, BRIDGE, X25

Software License ID: X2Y250804260173

Serialnumber      Used for          Description      State
default           Software         easy licensing  ok
X2YIPS05Factory  Software         IPSEC           ok

ADD                DELETE            EXIT

```

The first two digits of the license serial number following the model code (X2Y) and the type of the license (*IPS*) point to the number of enabled IPSec tunnels.



Note

Note that the license does not restrict the number of IPSec peers that can be configured on your gateway, but rather restricts the number of simultaneously active IPSec connections.

If it becomes necessary for the gateway to support more than five IPSec tunnels, you can purchase and install a full IPSec license at any time. If the gateway does not have any model specific restrictions concerning the number of active IPSec connections, this enables an unrestricted number of IPSec tunnels.

2 Fehler in IPSec-Defaultlizenz beheben

Mit Systemsoftware 7.1.10 hat Funkwerk Enterprise Communications GmbH standardmäßig fünf IPSec-Tunnel auf den aktuellen Geräten der XGeneration freigeschaltet. In Systemsoftware 7.1.10.Patch 7 findet sich eine Fehler, aufgrund dessen das Fertigungsdatum, ab dem diese Änderung Gültigkeit hat, falsch ausgewertet wird. Infolgedessen wird die IPSec-Defaultlizenz nicht aktiviert. Systemsoftware 7.1.10 Patch 8 behebt diesen Fehler.

Folgende Geräte verfügen nach dem Update der Systemsoftware auf das Release 7.1.10 Patch 8 automatisch über eine Lizenz zum Aufbau von fünf IPSec-Tunneln:

- **X1000 II**
- **X1200 II**
- **X2100**
- **X2300**
- **X2300s**
- **X2300i**
- **X2300is**
- **X2404**
- **X2500**

Die IPSec-Defaultlizenz steht für alle aktuellen Geräte der XGeneration zur Verfügung, die ab KW 18/2004 gefertigt worden sind. Das Fertigungsdatum Ihres Gateways können Sie der Seriennummer entnehmen: Die Stellen 8 bis 11 der 15stelligen Seriennummer geben das Fertigungsjahr und die Fertigungswoche an: Eine **X2300is** mit der Seriennummer *X2xxxx0426xxxx* ist demnach im Jahr 2004 (04), KW 26 (26) hergestellt worden.

Die Lizenz für die Verwendung von IPSec wird beim Update automatisch in die **BIBOADMLICENSETABLE** eingetragen und im Menü **LICENSES** des Setup Tool angezeigt:

```

X2300is compact Setup Tool                               BinTec
[LICENSE]: Licenses                                     MyGateway

Available Licenses:
  IP (builtin), OSPF, IPSEC, CAPI, BRIDGE, X25

Software License ID: X2Y250804260173

Serialnumber      Used for          Description      State
default           Software          easy licensing  ok
X2YIPS05Factory   Software          IPSEC           ok

ADD                DELETE            EXIT

```

Die beiden ersten Stellen der Lizenznummer nach dem Gerätecode (X2Y) und der Art der Lizenz (IPS) weisen darauf hin, dass die Lizenz die Nutzung von fünf IPSec-Tunneln ermöglicht.



Hinweis

Beachten Sie, dass die Lizenz nicht die Anzahl der IPSec Peers begrenzt, die Sie auf dem Gateway konfigurieren können, sondern die Anzahl der gleichzeitig aktiven IPSec-Verbindungen.

Sollten es notwendig werden, dass Ihr Gateway mehr als fünf Tunnel unterstützt, können Sie jederzeit eine volle IPSec-Lizenz erwerben und auf das Gerät einspielen. Sofern das Gateway keine typenspezifische Begrenzung der aktiven IPSec-Verbindungen hat, wird dadurch wie gewohnt eine unbegrenzte Anzahl von Tunnel ermöglicht.