CREDITS

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.

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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.

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1 CREDITS Menu

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

```
X2302w Setup Tool                          Bintec Access Networks GmbH
[CREDITS]: CREDITS Configuration                             MyGateway



                        xDSL Credits

                        EXIT



```

Charges   The Credits Based Accounting System of the gateway enables you to control the costs billed for data connections. This means you can keep the effects of possible configuration errors within limits. For example, the system enables you to define the maximum number of connections allowed in a certain period of time. You can make settings for certain subsystems (➤➤ **PPP**, PPPoE) to define the number of connections, the connection time and the charges billed. If the defined limit is exceeded, the gateway cannot set up any more connections within the defined period of time; existing connections are cleared. This means you can detect configuration errors in good time, before your telephone bill gets too big!

Syslog Messages   Syslog messages are generated on reaching 90% or 100% of the limit and if a connection is prevented by the Credits Based Accounting System because the limit is exceeded.

The measured values are shown in the *MONITORING AND DEBUGGING* ➜ *xDSL CREDITS* menu.

The whole account is available again if you switch the gateway off and then switch it on again (i.e. reboot).

Configuration is made in *CREDITS* ➜ *xDSL CREDITS* ➜ *PPPoE CREDITS*.

1 CREDITS Menu

2 xDSL Credits Submenu

The *xDSL CREDITS* submenu is described below.

The *CREDITS* ➜ *xDSL CREDITS* menu provides access to the *PPPoE CREDITS* submenu.

```
X2302w Setup Tool                        Bintec Access Networks GmbH
[CREDITS][XDSL CREDITS][EDIT]: Configure PPPoE Credits      MyGateway

Surveillance (Changing a value will
reset all measured values!)                              on

Measure Time (sec)                                       86400

Maximum Number of Outgoing Connections                   on
                                                         1000

Maximum Time for Outgoing Connections (sec)              on
                                                         28800




            SAVE                              CANCEL

```

The *PPPoE CREDITS* menu consists of the following fields:

Field	Description
Surveillance	Defines whether the Credits Based Accounting System is to be activated for PPPoE connections. Possible values: *off* (default value), *on*. If the system is *on*, you can define the parameters listed below.
Measure Time (sec)	Time in seconds during which the limits for number and duration of outgoing connections apply. The measured values are reset to 0 when the time expires. The default value is *86400*.

Field	Description
Maximum Number of Outgoing Connections	Maximum number of all outgoing connections allowed during *MEASURE TIME (SEC)*.
	If you activate this setting with *on*, you can enter the desired value in the line below.
	The default value is *on* with *1000*.
Maximum Time for Outgoing Connections (sec)	Maximum time in seconds allowed for all outgoing connections during *MEASURE TIME (SEC)*.
	If you activate this setting with *on*, you can enter the desired value in the line below.
	The default value is *on* with *28800*.

Table 2-1:   *PPPOE CREDITS* menu fields

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Bintec User's Guide   Credits