PPP

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Bintec User's Guide - XGeneration
Version 1.0

Purpose

This document is part of the user's guide to the installation and configuration of Bintec gateways running software release 7.1.14 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.bintec.net.

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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.

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1 PPP Menu

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

```
X2302 Setup Tool                          Bintec Access Networks GmbH
[PPP]: PPP Profile Configuration                              MyGateway


    Authentication Protocol          CHAP + PAP + MS-CHAP

    PPP Link Quality Monitoring      no

    PPPoE Ethernet Interface         disabled


            SAVE                                    CANCEL
```

The menu includes general ➤➤ **PPP** settings that do not just refer to particular WAN partners, e.g. ***AUTHENTICATION PROTOCOL***. This setting causes the gateway to carry out authentication negotiation for incoming calls, if it cannot identify the calling party number (e.g. because the remote terminal does not signal the calling party number). If the data (password, partner PPP ID) obtained by executing the authentication protocol are the same as the data of a listed WAN partner, the **XGeneration** gateway accepts the incoming call.

The ***PPP*** menu consists of the following fields:

Field	Description
Authentication Protocol	Defines the PPP authentication protocols the gateway can use for incoming calls without ➤➤ **CLID**. Possible values: ■ *PAP*: PAP only ■ *CHAP*: CHAP only ■ *CHAP* + *PAP*: first CHAP, then PAP ■ *MS-CHAP*: MS-CHAP version 1 only ■ *CHAP* + *PAP* + *MS-CHAP* (default value): first CHAP, if denied then the protocol required by the caller (MS-Chap version 1 or 2 possible) ■ *MS-CHAP V2*: MS-CHAP version 2 only ■ *none*: no PPP authentication.
PPP Link Quality Monitoring	Defines whether link quality monitoring is carried out for PPP connections (only necessary in exceptional cases, e.g. with Nokia Communicator). Possible values: ■ *no* (default value): Link quality monitoring not used. ■ *yes*: The connection statistics are stored in the ➤➤ **MIB** table **pppLqmTable**.
PPPoE Ethernet Interface	Defines the default Ethernet interface for PPPoE connections. WAN partner settings have priority. The default value is *disabled*.

Table 1-1: ***PPP*** menu fields

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