

CallBridge for Data

Data Communication with PCs using optiPoint 500 System Telephones

CallBridge for Data gives you an additional API based on USB 1.1 with interfaces for data communication. When combined with the USB functionality of modular optiPoint 500 telephones, CallBridge for Data can replace existing communications hardware such as ISDN PC cards or modems for Internet access, for example.

CallBridge for Data is a software solution for PC data communication with the new optiPoint 500 telephone family.

ISDN access transforms a PC into a communication workstation, particularly when there is no LAN available or when the LAN only allows internal company data communication without an external gateway.

CallBridge for Data provides access to Internet or fax applications and also supports additional data communication links with other data equipment in both the analog telephone network and ISDN.

A single USB cable is all that is required to connect a PC to a telephone. CallBridge for Data thus replaces the hardware components that would otherwise be required - such as an ISDN card in the PC and an ISDN adapter on the modular telephone.

The package consists of a CD-ROM containing the CallBridge for Data software and electronic documentation.

The USB cable must be ordered separately.



The CallBridge for Data software provides the link between the USB port of your PC and the various software interfaces of the PC operating system and applications.

This is done on the basis of the following APIs:

NDIS WAN Miniport socket.

This is a default Microsoft operating system interface which provides a wide range of communication options with Microsoft components:

- Internet access using a suitable browser
- Participation in NetMeeting sessions
- Remote access to Microsoft RAS-compatible routers

Common ISDN API CAPI Vers.2.0

The CAPI 2.0 default interface for data communication using one or two B channels is supported in the same way as with conventional ISDN PC coprocessor cards.

COM port emulation

COM port emulation for communication with partners who operate modems in the analog telephone network or terminal adapters on ISDN.

The most commonly used bit rate adaptations are available for the latter.

Fax functionality

Fax communication can be initiated instantly using the modem interface of the COM port emulation and components of the Microsoft operating system (WinFax). This interface can also be used by some of the most advanced software products available on the market (e.g. RVS-COM).

Configuration information

Coexistence of CTI and data communication.

If the PC is using the USB cable and running CallBridge TU with the optiPoint 500 telephone in the CTI network using the USB cable, CallBridge for Data can be used in parallel.

CallBridge for Data replaces the two previously required components: ISDN data adapter for optiset E telephones and ISDN coprocessor card. This provides the following advantages:

- Reduced costs
- Hassle-free startup and service
- No opening of the PC required
- No hardware defects possible
- Complete solution

CallBridge for Data provides users with an integrated solution.

Thanks to the flexibility of the open interface, users can choose their own preferred software from the wide range of solutions available on the market.

PABX systems

- Hicom 150 E/150 H
- HiPath AllServe 150
- HiPath 3000
- Hicom 300 E/300 H
- HiPath 4000 V1.0

Telephones

- optiPoint 500 basic
- optiPoint 500 standard
- optiPoint 500 advance

Operating systems

- Windows 98 SE (Second Edition)
- Windows Me
- Windows 2000 Service Pack 2
- Windows XP (in preparation)
- A vacant USB port
- USB (client) cable for the PC connection (S30267-Z360-A30)
- 10 MB free hard disk space

Communication features:

- One or two B channels (PPP and MLPPP)
- D channel protocol DSS1 and NI#1
- Bit rate adaptations V.110 (Ecma 102) and V. 120
- CAPI 2.0
- HDLC transparent
- HDLC X.75 Layer 2
- T.70 NL
- T.90 NL
- ISO 8202
- FAX T30, V.70. 14.4 kbps
- V.32 bis modem (with market software V.xxx 33.6 kbps)
- NDIS WAN Miniport
- COM port emulation for AT command set

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.