

PortStore2 PL

Read & store CDR/SMDR data from a PBX via RS-232, retrieve over TCP/IP

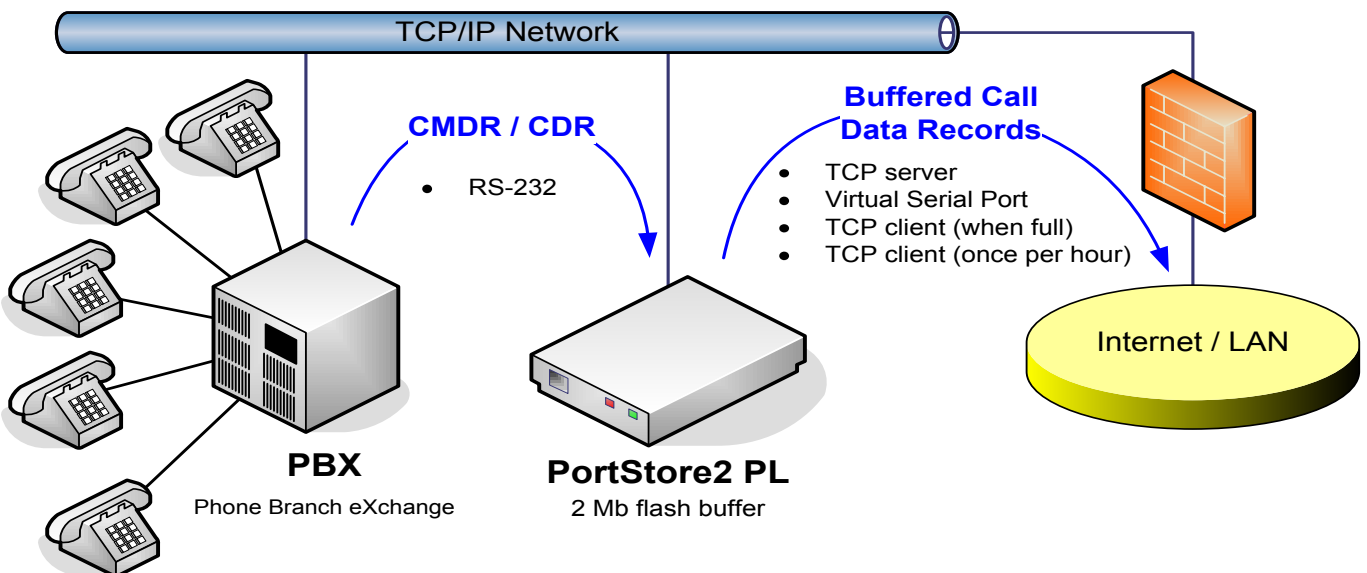
PortStore2 PL is a cost-effective solution for collecting call accounting data and administering a PBX (private branch exchange). Data received from the serial port are stored in the internal Flash buffer (2MB or 30,000 lines of text). Data can be retrieved online, or once in a while, over the Ethernet. The PC with the call analysis software can be located in another room, or even in another branch office.



- Received data are safely stored in the internal Flash buffer and protected against power failures
- PortStore2 PL can be connected to any PBX with RS-232 output of call accounting data
- PortStore2 PL can work in TCP Client mode, establishing a connection once per hour. It can therefore work on a standard ADSL Internet connection, behind a NAT, with a private IP
- TEA-encrypted authentication enables secure manipulation with the data even over the open, insecure Internet
- A special RepBuf protocol enables restoration and rereading of data that have been already retrieved

Applications

- **Corporate PBX:** Connect your existing analog PBX to PS2 PL and have your existing call analysis software read the data from a virtual serial port (e.g. Com7). You do not need to change anything.
- **PBXs in branch offices:** Connect the exchanges in all of your branch offices to the Internet via PS2 PL, and analyze both completed and ongoing calls with any call accounting software (CDR / SMDR / CIL analysis). You can even connect both analog and VoIP exchanges to a single central site.



Data Input / Output

- **Data input – RS-232**
 - Data are read directly from a serial port. PortStore2 PL can replace a serial printer or back-up printed data
 - Data reception works concurrently with data retrieval and other processes
 - RS-232 port can be redirected to a Virtual Serial Port on a Windows PC (XP, 2000, Vista).
Data are then available e.g. on COM7.
- **Data output – TCP server**
 - PortStore2 PL stores data coming from the serial port and listens for incoming connections from a PC
 - Supported modes:
 - RAW Mode
 - NVT Mode
 - RepBuf Mode
- **Data output – TCP Client**
 - PortStore2 PL stores data coming from the serial port, and periodically, or whenever the buffer is full, connects to a server
 - Connection period is configurable (every 10 minutes to every 2 hours)
 - Supported mode: NVT Mode

Basic Product Characteristics

- Incoming data are continuously collected and safely stored even when the network is down or malfunctioning
- Flash memory for storing data: **2 Mb** / 10 yrs
- Data reception over the serial port and data retrieval over the Ethernet can run in parallel
- In addition to collecting data, the serial port can be used for remote PBX administration

Security Features

- Supports TEA-encrypted authentication
- Supports IP filter for access control

Modes of operation

- **RAW Mode:** PortStore2 PL is a transparent TCP device, no protocols
- **NVT Mode:** PortStore2 PL is transparent for stored data, RFC2217 support for serial port control
- **RepBuf Mode:** PortStore2 PL uses a special protocol to control data transfer

Mechanical / Electrical / Environmental

- **Dimensions:** 135 x 105 x 28 mm
- **Power supply:** 12V / 0.3A jack
- **Temp / humidity:** 5..50 °C / 20..80% R.H.

Special Features

- Supports the special **Heartbeat extension** of the software-based Xon/Xoff handshake – required by certain PBXs (e.g. Bosch/Avaya)
- **Two devices** connected together can “tunnel” and buffer a serial port over the Ethernet
- **70 application examples** for 8 programming languages in the **HWg SDK** simplify your work when using and implementing the product in your application
- Support for all possible serial port settings (300..115200 Bd, 7/8 bits, O/E/N parity), including certain particularities of some PBXs, for a completely universal use
- Simple serial port receive / transmit indication with a color LED on the product
- Simple way to restore default configuration

Ordering ID numbers for the product

600 299	PortStore2 PL set	PS2 PL starter set (PS2 PL, power supply adaptor, cables, etc.)
600 298	PortStore2 PL	PortStore2 PL unit only, no other accessories