

PortStore4

Collects accounting data to a Flash (32 Mb), controls PBXs over IP networks

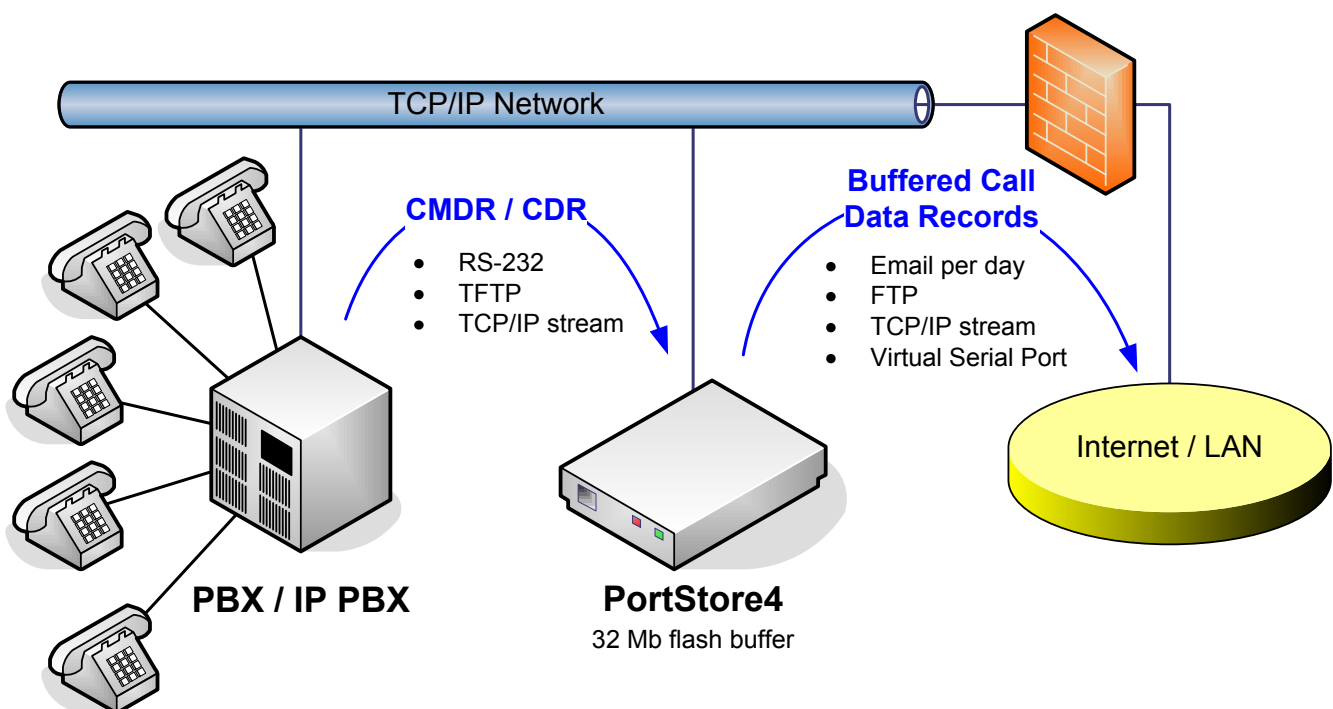
PortStore4 is an effective solution for collecting call accounting data and supervising a private branch exchange (PBX). Data can be easily and securely sent via encrypted e-mail, or via FTP, to a central site for analysis.



- PortStore4 connects to legacy analog PBXs as well as to modern Voice over IP, software-based iPBXs.
- Collected data are safely stored in the built-in Flash memory and protected against power failures.
- 128-bit encryption allows secure manipulation with the data even using the open, insecure Internet.
- You do not need to change anything in your existing analog system – PS4 can deliver the data to a virtual serial port at your PC (e.g. COM7), just as if your PBX was wired to your PC.

Applications

- **PBX:** Connect your analog PBX to PS4 and send the data through a virtual serial port (e.g. COM7) to the call accounting software that you currently use. You do not need to change anything else.
- **PBX/iPBX:** Connect all PBXs in your offices to the Internet via PS4 and analyze both completed and ongoing calls with any call accounting software (CDR/SMDR/CIL log analysis). You can connect both analog and VoIP exchanges to form a complete solution.
- **PBX/iPBX:** Outsource your call accounting and analysis to a specialized service provider. The necessary security level is supported.



Data Input / Output

- **Data Collection – RS-232**
 - Direct collection from a 7/8-bit serial port
 - Data collection runs in parallel with data transmission and other processes
 - RS-232 port can be redirected to a Virtual Serial Port on a Windows PC (2000, XP, Vista)
- **Data Collection – TCP/IP Stream**
 - Data reception in TCP Server mode
 - Data reception in TCP Client mode
 - Username/password support
- **Data Collection – TFTP Server**
 - Supports user-defined filenames
- **Data Transmission – E-mail**
 - Uses a standard SMTP server
 - E-mail transmission can be triggered by: Time interval / Data size / Manually via the www interface
 - Transmitted data are encrypted
- **Data Transmission – TCP/IP Stream**
 - TCP Server / TCP Client mode
 - Username/password support
- **Data Transmission – FTP server**
 - Data acquired while uploading are preserved in a shadow file
 - Active and passive FTP mode support

Basic Product Characteristics

- Incoming data are continuously collected and safely stored even when the network is down or faulty
- Flash memory for storing data: **32 Mb** / 10 yrs
- Two serial ports (data + remote management)
 - COM1 – Data collection
 - COM2 – Remote virtual serial port
- **Data Collection**
 - Serial RS-232 port
 - Ethernet TCP/IP (TFTP, TCP)
- **Data Delivery**
 - Ethernet TCP/IP (FTP, Email, TCP)
- Device management over www interface
- Automatic clock synchronization (NTP)

Security Features

- E-mailed data are protected by 128-bit encryption to ensure security
- Support for „plain text“ authentication
- SFTP ready

Mechanical / Electrical / Environmental

- Dimensions: 140 x 105 x 35 mm
- Power supply: 12V / 0.35A, jack
- Temp / humidity: 5..50°C / 20..80% R.H.

Special Features

- WWW interface, status display in a web browser for faster and easier installation
- PortStore4 is an active solution – actively sends new data, analyses critical situations and automatically alerts to interruptions in the incoming data stream, as well as to power failures
- Second serial port can be used as a Virtual Serial Port to simplify remote PBX management
- Firmware update over USB simplifies adding new features
- 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
- Support for various data inputs and outputs enables interoperability with almost all solutions on the market, including iPBX (PBX for Voice over IP solutions)
- PS4 fully replaces existing PortStore / PortStore2 products and includes new features

Product order numbers

600 320	PortStore4 set	Basic PS4 set (PS4 unit, power adapter, CD, 2 serial cables, Starting Guide)
600 300	PortStore4	PortStore4 unit only, no accessories