

# Information

## HiPath Access

The scalable HiPath Access branch office solution supplements the proven HiPath 4000 V6 communications platform.

Communication for the open minded

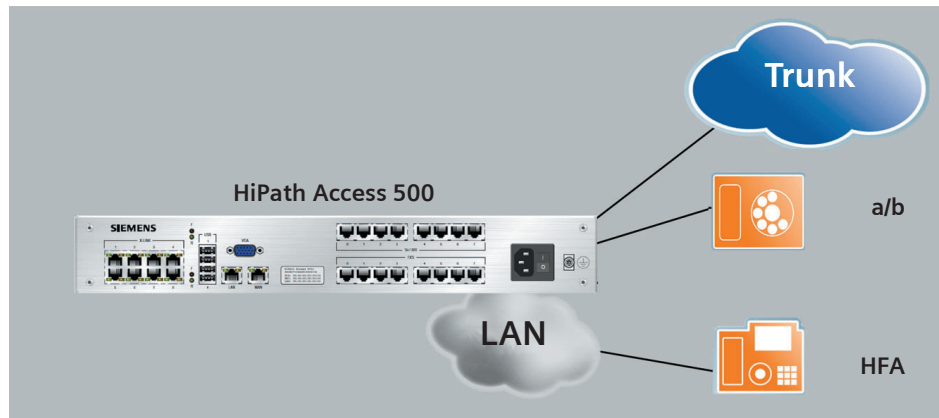
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HiPath Access further rounds off the overall concept of the HiPath 4000 with a low-cost and scalable branch office solution. From a functional and administrative perspective, HiPath Access behaves like the IP Access Point AP 3700 IP. The use of 19" technology means HiPath Access integrates perfectly into your IT landscape. The HiPath Access 500 and HiPath Access modules expansion variants are offered depending on the requirements.

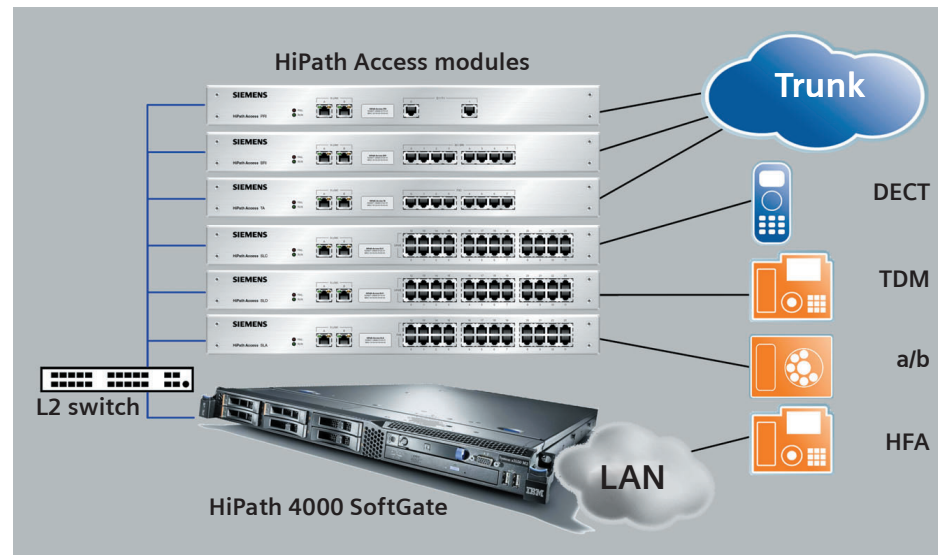
## HiPath Access 500

HiPath Access 500 is a 19" hardware variant that is equipped in the factory with the integrated HiPath 4000 SoftGate application as well as analog and ISDN ports. Up to 500 IP users of HiPath Access 500 can also be managed.



## HiPath Access Modules

HiPath Access Modules are connected via LAN to the HiPath 4000 SoftGate or HiPath Access 500. The respective modules provide existing HiPath 4000 technology for analog and digital interfaces. Up to 9 modules can be connected to the HiPath 4000 SoftGate or to HiPath Access 500.



## IT architecture

### Modular 19" hardware for flexible expansion

HiPath 4000 V6 provides an ideal solution for the enterprise communications infrastructure – independent of size and location requirements. With its modularity, the availability of the scalable Access modules, the software-based branches plus high performance network support – analog, TDM or IP – the communications platform delivers a perfect solution for flexible expansion. This approach is consistently advanced with HiPath Access and creates the perfect preconditions for guaranteeing an end-to-end homogeneous HiPath 4000 environment, down to the smallest location.

HiPath Access is the optimum customer solution for integrating existing branch office structures in a HiPath 4000 network. Some key data:

- Up to 500 subscribers
- CO connection via BRI (S<sub>0</sub>), PRI (E1/T1) or analog cables
- Analog interfaces for fax machines, for example
- Connection of HiPath Cordless E via SLC module

- APE functionality for maintaining branch office operation on failure of the WAN connection or of the Host
- Linux SLES11 operating system
- Energy Star Label through intelligent power saving modes
- Support of all HiPath 4000-specific features

## Standard server or 1.5 height units in the 19" cabinet? Whatever you want!

You can decide for one of the two HiPath Access 500 variants:

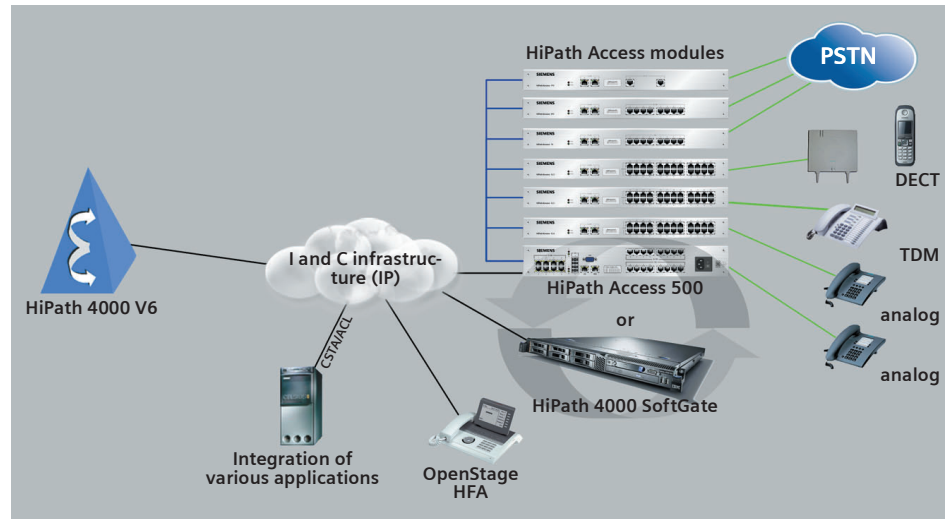
- HiPath Access 500a with eight integrated interfaces (RJ45) for analog subscribers (e.g. fax machines)
- HiPath Access 500i with a further eight S<sub>0</sub> interfaces (RJ45)

Up to a further eight HiPath Access modules can also be connected.

Alternatively, the HiPath Access modules can also be connected to a standard server on which the VMware-capable HiPath 4000 SoftGate application is installed.

The following HiPath Access modules are available:

- SLA for the connection of 24 analog subscribers
- SLO for 24 U<sub>pOE</sub> subscribers
- BRI for the connection of up to 8 S<sub>0</sub> trunk/tie trunk/subscriber connections
- PRI for 2 x S<sub>2</sub> trunk/tie trunk networks
- SLC with 24 U<sub>pOE</sub> connections for HiPath Cordless E base stations
- TA for 8 analog trunk/tie trunk connections



**HiPath Access grows with the requirements of the customer, ...  
... absolutely individually**

### Customer benefits

- Highly scalable and modular branch office solution
- Reduced hardware for branch office solutions
- Higher resilience through integrated APE solution
- Use of 3rd-party products (e.g. Mediatrix adapter)
- Green IT

### Easy to service

- End-to-end management for all solution scenarios (Host, Branch, Small Office)
- No additional patch panels
- Reduction of service times (installation and maintenance)
- Reduced training expense (because of familiar administration)

### Expansion of the HiPath 4000 market

- Realization of small branch office concepts with HiPath 4000 technology
- Low cost entry into the HiPath 4000 world
- Investment protection (homogeneous licenses)
- Fully scalable 19" technology

### Add-ons

- Homogeneous infrastructure
- Same user prompting on the terminal (Host, Branch, Small Office)
- Continued use of existing HiPath 4000 technology and hardware
- Energy Star Label

## System features

See HiPath 4000 data sheet.

## Subscriber features

HiPath Access is an integral component of the HiPath 4000 architecture. Consequently, all subscriber features are available.

## Technical data

Variant	Number of physical ports	Max. number of Access modules	Number of IP subscribers
HiPath Access 500	8*	8	up to 500
HiPath Access 500	16**	7	up to 500
HiPath 4000 SoftGate	–	9	up to 1000

\* 8 analog interfaces

\*\* 8 analog interfaces/8 S<sub>0</sub> connections

## Dimensions and weight

Type	Width x depth x height (mm)	Weight
HiPath Access 500	440 x 440 x 65 (1.5 HU)	7.5 kg
HiPath Access 500	440 x 440 x 65 (1.5 HU)	8.0 kg
HiPath Access SLA	440 x 350 x 45 (1 HU)	4.4 kg
HiPath Access SLO	440 x 350 x 45 (1 HU)	3.8 kg
HiPath Access BRI	440 x 350 x 45 (1 HU)	3.8 kg
HiPath Access PRI	440 x 350 x 45 (1 HU)	3.8 kg
HiPath Access SLC	440 x 350 x 45 (1 HU)	3.8 kg
HiPath Access TA	440 x 350 x 45 (1 HU)	3.8 kg

## Compatibility

Security	EN 60950-1
EMC emission	EN 55022 Class B
EMC interference immunity	EN 55024 EN 61000-6-2

## Environmental/ operating conditions

Air temperature	0 °C to +40 °C
Relative air humidity	max. 85%

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