



## » Communications unlimited for large enterprises «

**HiPath 8000**

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**SIEMENS**

A photograph of a modern office building interior. The scene is dominated by a large, multi-level glass and metal structure. A person is seen walking on a high-rise walkway or staircase, silhouetted against the bright light coming from the windows. The architecture is clean and industrial, with sharp lines and a mix of dark and light tones. The overall atmosphere is one of a busy, contemporary corporate environment.

## » HiPath 8000 – a new horizon for enterprise communi

Modern enterprises use new working practices, have flat structures, and mobile employees. They are successful for the very reason that they are different. They use innovation to stand out from the competition. And they need a communications solution that supports them in all this – HiPath 8000.

Responsibility for the communications infrastructure in a large company requires you to consider many factors. The demands are increasing, processes become more complex, and competitive pressure intensifies. More, faster, better – efficiency is the key requirement. All this without risk. Investments have to be profitable – quick and safe. And ideally, everything should be from one source.

Good to know that there is a solution: HiPath 8000. With the Real Time IP System HiPath 8000, Siemens is turning the vision of the communications of the future into reality.

## The HiPath 8000 Real Time IP System – Communications today and for the future

HiPath 8000 is perfectly adapted to the way modern enterprises work. As a softswitch, it has virtually unlimited scalability and runs on standard IT servers. This makes it economical and flexible.

### Intelligent communications for your success

HiPath 8000 is a new solution for innovative companies looking for a different kind of communication. HiPath 8000 creates the foundation for Unified Communication, available without boundaries through a distributed corporate IT infrastructure, seamlessly integrating into the data center environment and business processes.

HiPath 8000 is a SIP-based, real-time IP overlay network that is integrated into existing IT infrastructure. It offers a boundary-less communications environment with uniform user interfaces and a wide range of features and applications to support the enterprise. That support is totally independent of the site. HiPath 8000 can be linearly scaled, optimally matched to individual corporate structures, and provides maximum reliability, resilience and recovery.



In dialog with the customers Siemens Communications creates telecommunication solutions that meet the demands of network operators and enterprises delivering integrated technology and opening new opportunities. HiPath 8000 is the first system to combine the dependability of a carrier solution with the specific features and functions of an enterprise communications system. Only Siemens possesses the wide-ranging expertise from both industries to develop a real end-to-end solution. Based on best-in-class products, applications and services, Siemens Communications provides communications solutions that set the trend and turn innovation into your success.



HiPath 8000 is a major constituent of the LifeWorks vision from Siemens, in which the productivity and efficiency of business processes can be significantly enhanced by the integration of communications solutions for carriers and enterprises.

communications «



The HiPath 8000 Real Time IP System marks a radical change in comparison to conventional communications solutions. Perfectly adapted to your existing infrastructure, it allows you to seamlessly integrate and optimize new applications into your business processes. This gives you a competitive edge in communication that will be significant for the future. With a degree of resilience unknown to date in corporate communication and only previously seen in the carrier sector. Implement your network with HiPath 8000 and deliver optimum performance with maximum reliability to your organization and to your customers.

#### Reliability to extremes

The HiPath 8000 Real Time IP System offers the highest standards of resilience, dependability and security. The exceptional performance of the HiPath 8000 comes from a combination of industry-standard hardware and software architecture that provides non-stop operation, with no calls and no billing data lost on any single failure in the system. The use of high-reliability, fault-tolerant, industry-standard servers produces 99.999% availability and resilience of the carrier-class reliability for hardware and software. HiPath 8000 is based on carrier software architecture, ensuring the optimal reliability.

#### Fully compatible

SIP (Session Initiation Protocol) offers a communications environment based on open standards, putting an end to the closed, proprietary solutions. SIP creates the foundation for a multitude of presence-based, innovative and efficient applications. HiPath 8000 conforms to industry standards, features unlimited compatibility with all other protocols, and is recognized for its excellence. According to the "InfoWorld 2006 Technology of the Year Award," HiPath 8000 is the best IP PBX Real Time IP System – fully equipped, scalable and defining the standard for SIP solutions.

#### Maximum scalability

HiPath 8000 is scalable up to 100,000 users on a system, and virtually unlimited users in a network (depending upon configuration), making it a communication solution for enterprises and Managed Service Providers of virtually any size. All users are administered on the central HiPath 8000 system, so that separate teams, departments or sites can be easily managed. New users only need a new license to enable immediate communication, anywhere on your network.



### Perfect flexibility

SIP means that HiPath 8000 can be configured anywhere in an IT infrastructure to support any user in the network with the communications features intended for them – no matter whether at corporate headquarters, in branch offices or in the home office of a teleworker. The uniform user administration makes people truly mobile. Independently of where a person logs into the LAN, they always have the same basic settings and can always be reached with the same telephone number.

### Economically attractive

The HiPath 8000 has demonstrably the lowest Total Cost of Ownership of any Large Enterprise Communication Solution. Being a softswitch makes the HiPath 8000 Real Time IP System an intelligent solution that blends perfectly into the existing IT infrastructure and requires no custom and cost-intensive hardware. Use of standard servers implemented in a data center means a uniform hardware infrastructure and less complexity. Implemented and administered at a single location, the costs of operation, maintenance and administration are hugely reduced. Use of standard components cuts the integration effort and the infrastructure costs for new installations within the IP network.

Total cost of ownership of a corporate communications solution was never before as attractive as with HiPath 8000. Let us show you the potential for your enterprise.



# » HiPath 8000 – the tailor-made innovation «

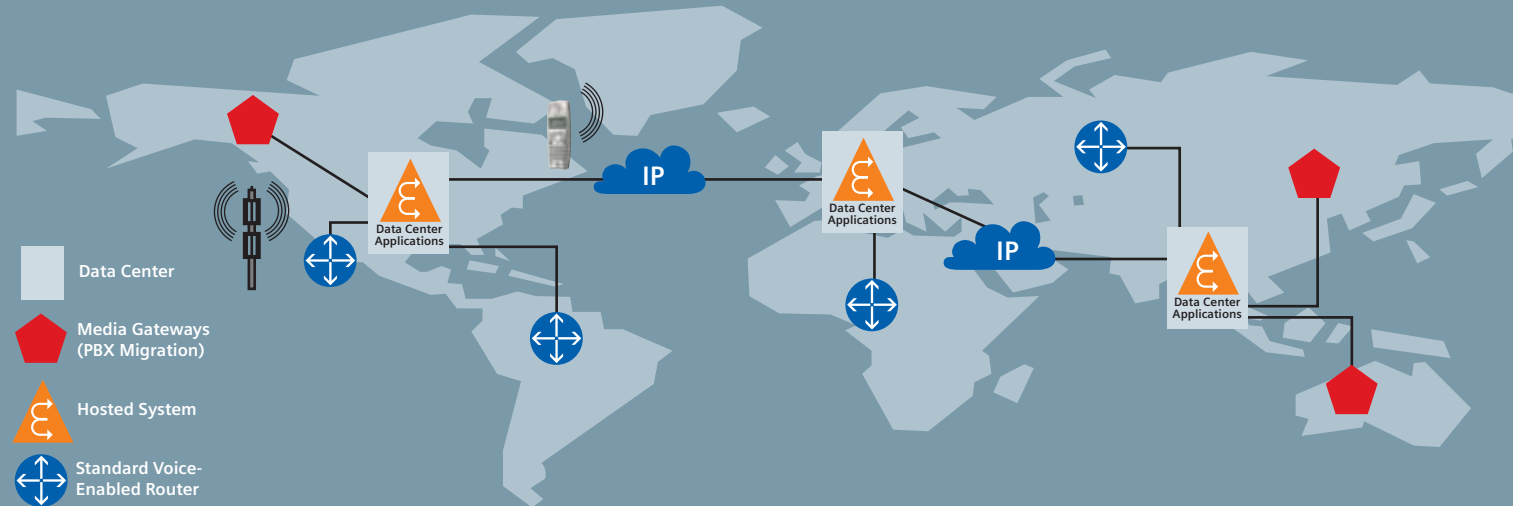
With the HiPath 8000 Real Time IP System, your enterprise can implement a perfectly integrated communications solution with virtually unlimited possibilities – optimally matched to your requirements and structures.

HiPath 8000 offers an SIP-based portfolio presenting voice and multimedia services plus enterprise-wide applications in real-time over the IP infrastructure – simply, cost-effectively and globally. This makes HiPath 8000 suitable for large and very large enterprises with distributed sites, where a wide range of communications services are required. Hosted as software on industry standard IT servers, HiPath 8000 enables the entire communications infrastructure of a worldwide organization to be administered from an existing data center.

There is no longer the need for separate telecom systems in branch offices. Communication by clients with the central server is direct through SIP, which, in addition to voice services, supports other real-time applications like video or collaboration services. HiPath 8000 adds a new dimension to communication – enterprise-wide and global. Siemens Gateways provide access to the public network, and also provide survivability functions, so that calls can still be made, even if the IP network to HiPath 8000 is down.

## HiPath 8000 – worldwide communication through your IT network

Enterprises with worldwide sites and high internal and external communication needs benefit from HiPath 8000 through voice and multimedia services plus applications in real-time over their IP infrastructure. Administered from an existing data center and available enterprise-wide.



## Managed Service Providers

As a managed service provider you want to offer your customers the highest levels of service. With HiPath 8000 Siemens supports you in achieving this over your competitors. Only HiPath 8000 allows you to simply add SIP-based voice services to your IT outsourcing portfolio, opening up new sources of revenue. All applications – today's and tomorrow's – can be hosted in a single data center. That makes HiPath 8000 especially economical. HiPath 8000 fits into your existing data center and offers you the reliability of a professional carrier solu-

tion. The multiclient capability of HiPath 8000 also allows you to make functions available to different devices and different customers. This adds to your flexibility and creates a made-to-measure communications environment for every customer.

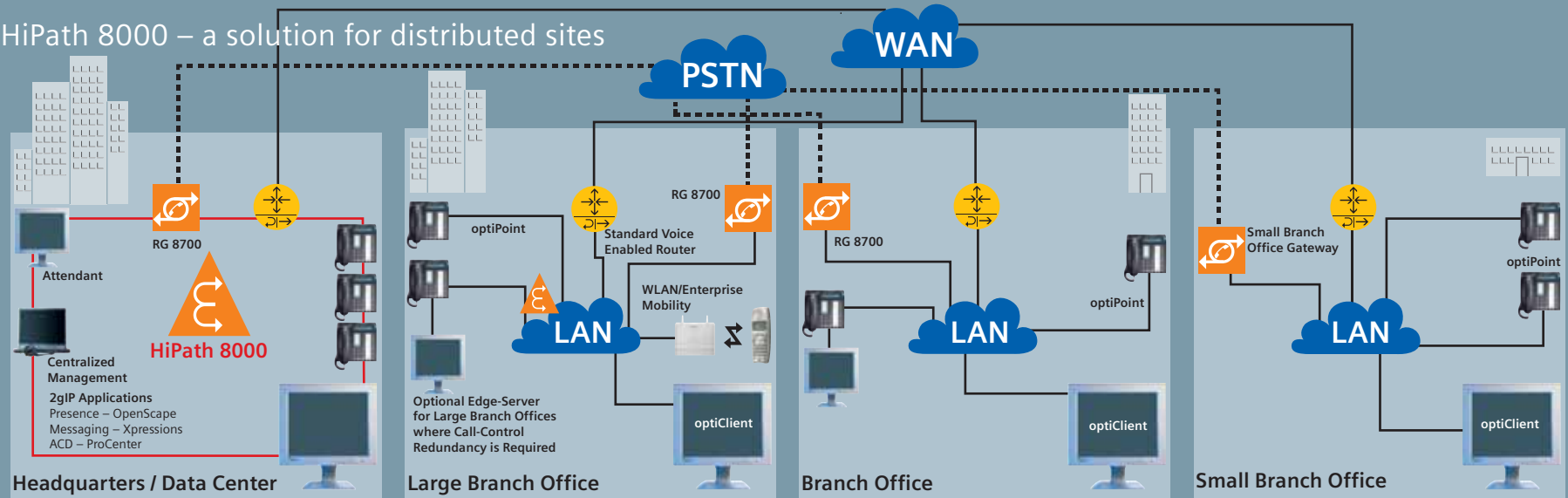
## Survivable media gateway RG 8700

The RG 8700 survivable media gateway is the perfect addition to the HiPath 8000 Real Time IP System, ensuring communication from distributed sites such as branch offices or affiliates in the event of an IT network system outage. The survival mode of RG 8700 offers automatic, emergency call functions, local calls and call records. The same RG 8700 can be used worldwide with ETSI and ANSI interfaces. Administration is simple and low-cost using the same management tool as for HiPath 8000.

HiPath 8000 could be tailor-made to your requirements. Ask about our perfect solution for your enterprise.

A HiPath 8000 Real Time IP System installed in the data center of a corporate headquarters provides all communication services including management centrally for the entire network both for your headquarters and your branch offices. Applications can run on separate industry standard servers anywhere in the network. RG 8700 survivable media gateways secure communication in an emergency.

## HiPath 8000 – a solution for distributed sites





## » HiPath 8000 – the optimum user experience «

Combine the HiPath 8000 Real Time IP System with optiPoint clients and devices and choose from a variety of applications. Exactly matching your requirements.

### HiPath Applications

Together with the HiPath 8000 Real Time IP System, HiPath Applications offer a flexible communications solution for all users.

#### **You want to make more efficient use of multimedia communication?**

HiPath enhances the efficiency of each user by individual control of multimedia communication direct through the Web browser. Communication of different media is simply forwarded to the most suitable user devices.

#### **You need an overview of all communication media?**

HiPath shows all available communication media of an enterprise and presence information for all users within an application. Every user can see which way is the best to reach the called party.

#### **You must not miss a message?**

HiPath enables unified communication in real-time, independently of medium, terminal or site. Applications for unified messaging, teleworking, desk sharing, communication filtering and telephone access to Web-based content eliminate

the communications chaos and make people mobile and flexible.

#### **You want to serve your customers better in future?**

HiPath forms the basis for efficient customer relationship management (CRM) that regulates and controls all customer-related processes in the enterprise. Customer inquiries are directed to where they can best be processed.

### HiPath Services

HiPath Services offers an extensive portfolio of solutions and services to enhance the reliability, availability and safety of networks and applications. Consulting and integration are part of the package, as is operation of the complete communications infrastructure. Siemens allow HiPath customers to focus upon their core business. And with a global sales and service network we are always close to you – anywhere in the world and 24 hours a day.





### HiPath Professional Services

Solution-related consulting, configuration and complex adaptation services ensure optimal integration of applications and business processes for specific requirements.

### HiPath Managed Services

A complete selection of outtasking services for communications management – for enhanced availability of the communications infrastructure and reduced TCO.

### HiPath Lifecycle Services

Continuous support from implementation through ongoing operation to ensure the availability and safety of the communications network with all applications.

The expertise and experience of HiPath Services have to date satisfied some one million customers worldwide. More than 8,000 staffers handle over 1.4 million customer calls annually.

### optiPoint SIP clients and devices

#### optiPoint 410 family

The flexible optiPoint 410 SIP telephones offer a maximum of adaptability and high voice quality through G.711, G.729 and G.723 broadband codec technology for every need.



#### optiPoint 420 family

The innovative automatic adoption of key assignments and labels makes optiPoint 420 SIP telephones the optimal solution for desk-sharing workstations. All users always have their individual configuration.



#### optiClient 130 S

Telephony over the PC offers many advantages: there is no telephone to take up space on the desk, and you can always work with the same familiar interface, whether in the office or en route. The optiClient 130 S even supports videoconferencing with up to three parties.



optiPoint SIP clients and devices use the session initiation protocol (SIP) for call control, transmission of voice in IP networks and for fast and simple implementation of new features.

Your success is the focus of everything we do at **Siemens Communications**. We work together with you to develop powerful communication solutions that help you achieve your business goals. Take advantage of our proven experience, innovation power and implementation skills in all key areas of voice and data communication.

As a leading provider of communication solutions for mobile, fixed and enterprise networks worldwide, we constantly strive to make communication easier and more efficient. Thus we are setting the trends for a communication environment that fosters your success – today and in the future.

[www.siemens.com/communications](http://www.siemens.com/communications)

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EN\_034 WS 030604.  
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Order No. A50001-N14-W101-3-7600

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