NEC Sphericall® Enterprise Softswitch

Communications for a Competitive Edge

The Sphericall Enterprise Softswitch is a complete, software-based communications solution designed to seamlessly integrate with your business. Sphericall combines three distinct capabilities (communications server, unified communications capability, and business and communication integration) to deliver unmatched flexibility, reliability and scalability in an open-system solution.

Sphericall is a key part of NEC's UNIVERGE®360 approach to communication. Sphericall's improved efficiency enables your organization to leverage the network's true potential and make meaningful improvements to your business communications.

At a Glance

- Flexible, standards-based components
- Distributed-software architecture
- Business and communications integration with web services
- Unified Communications through value-added applications

Flexible, Standards-Based Components

As a business software system, Sphericall moves communications out of the wiring closet on to general purpose servers of your choice to run alongside other mission-critical applications on your network.

Sphericall is unique because as a software-based solution, it can run on any underlying network infrastructure. This provides a high degree of flexibility and choices so that:

- companies can choose from a wide range of certified IP client devices, enabling end users multiple options to adapt to business needs
- communications devices can take advantage of an integrated communications desktop for multiple forms of communication including voice, video, text messaging and SMS
- proprietary, dedicated voice switches are not required
- analog, SIP, T1 or PRI trunking are supported by the system

Additionally, Sphericall offers multiple media gateway options for PSTN connectivity and legacy analog and digital PBX connections, ensuring a migration path and protection of existing investments.

Distributed-Software Architecture

Sphericall, as part of an open, mission-critical communications infrastructure, is a distributed software application that can operate on centralized or remote networked servers, with no one server acting as a single point of failure. This provides companies with redundancy and reliability in the event of network outages. This also minimizes hardware costs because shared processing and load balancing provides maximum system availability, enabling one Sphericall system to support up to 30,000 ports.

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Business and Communications Integration

Sphericall allows companies to integrate communications with complex business systems to achieve advanced, customized business solutions. With the introduction of open, standards-based components, Sphericall becomes a communications system used by various business applications to integrate communications into your business processes. Web services support an open architecture that allows multiple devices to communicate and co-exist for fast, flexible, and repeatable application development and integration.
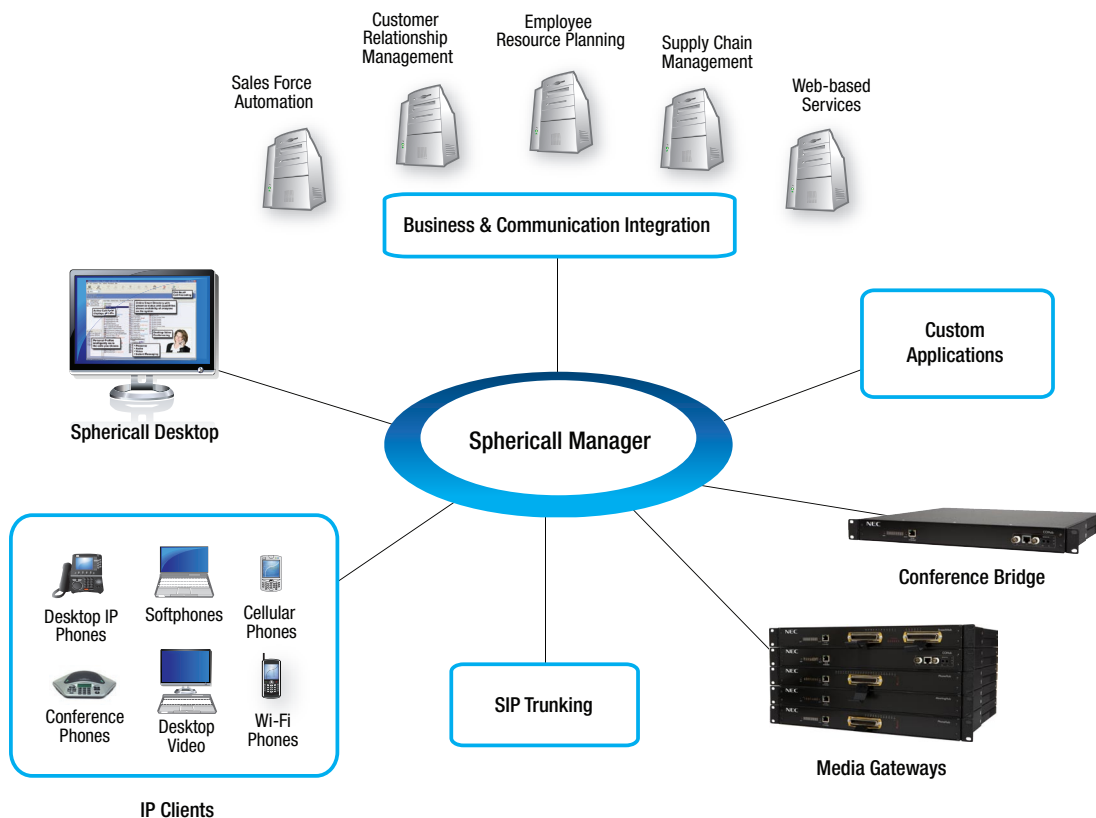
Through standards-based XML and SOAP technology, web services provide access to the rich communications services of the software-based Sphericall. Web services align with the concepts of a service-oriented architecture (SOA), enabling enterprise applications to easily integrate communications functions into critical business processes.

Unified Communications through Value-added Applications

The Sphericall Manager integrates with the Sphericall Desktop software suite to deliver unified communications to the desktop. Sphericall provides the foundation of traditional unified communications capabilities that businesses need, including:

- Unified messaging
- Mobility and Wi-Fi solutions
- Integrated softphone functionality
- Integrated, on-demand conferencing
- Rich Presence
- Collaboration solutions
- Desktop video & instant messaging
- Software-based, on-demand recording

Sphericall complements your business with communication options designed to assist the way users work.

Customer Relationship Management

Employee Resource Planning

Supply Chain Management

Sales Force Automation

Web-based Services

Business & Communication Integration

Sphericall Desktop

Spherical Manager

Custom Applications

Conference Bridge

Desktop IP Phones

Softphones

Cellular Phones

Conference Phones

Desktop Video

Wi-Fi Phones

SIP Trunking

Media Gateways

IP Clients

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For more information visit: www.necunified.com