

Learn more about STONEHENGE™ IX200

Stonehenge™ IX200 supports lots of outstanding features to enlarge various Key Telephone services and VoIP services as well. Not only a Key Telephone System, but also as a Message Center, you will enjoy the full-range of IP Telephony services including following features.

System Characteristics

System Capacities

IX200 allows to register maximum 100 SIP user terminals and supports up to 20 concurrent calls. This IX200 works with any SIP compatible IP phone, Terminal Adaptor, Wi-Fi phone, and Soft phone. In case of limited 20 concurrent calls, the system's Voice message storage will be decreased. If the system is maximized, the storage capacity is 100 hours will be shared amongst all users, or if the voice message is exceeded the storage capacity, the exceeded message will be forward to the registered email address.

Safe & Robust system operation

IX200's sufficient battery capacity allows the system to operate stably when switch is turned off due to power outage or accident, so this system efficiently prevents the critical system error. Especially, the integrated condensing feature through temperature sensing normally applied to High-end equipment enables the system to operate soundly within the permitted temperature range.

Network Quality of Service

At transport Layer 2, IX200 Series's QoS is operated in accordance with IEEE 802.1p. Administrators are allowed to grade maximum 8 priority levels or the service levels. According to the grade, the system will monitor the traffic, and the processes will be arrayed in the process Queue. For instant, voice or video traffic which is very sensitive to the delay is given high priority, and the data traffic is be given lower priority in the processing sequence. Moreover, Queue Servicing in IX200 Series is maximized the processing load as well as optimized the processing to protect overload and no-load of a certain Queue. Also, IX200 Series provides ToS(Type of Service) at Layer 3, and through the integrated setting with L3 Switch or Router, this system is able to set to provide excellent voice quality.

PBX Features

As an IP PBX, Stonehenge™ IX200 supports full-range of PBX features.

CDR (Call Detail Record)

IX200 Series records the call detail to report the user information and general call traffic. Through this CDR, enterprises are able to check the call details which can be used to compare the recorded call detail with the phone bills, and it can make a report with user defined form by using Reporting Tool.

Auto Attendant & Voice Mail

An automated attendant (also auto attendant or auto-attendant) system allows callers to be automatically transferred to a user's extension without the intervention of a receptionist who acts as the telephone operator. IX200 is designed to avoid missing all the incoming calls through the different automated attendant setting by time or date. Especially, a phone can be set to "do not disturb" to forward all calls directly to voicemail without ringing the extension. And the voice message can be forwarded to the user's e-mail account.

Call parking

Call parking allows a person to put a call on hold at one telephone set and continue the conversation from any other telephone set. This feature is activated by pressing a preprogrammed button or a special sequence of buttons. This transfers the current telephone conversation to an unused extension number and immediately puts the conversation on hold.

If no one picks up the parked call within the set time, the telephone system may ring back the parked call. This transfers the parked call back to the person who originally parked the call.

Call parking is often useful in buildings with many offices. For example, during a conversation, a person may need to go to another office to retrieve an important file, parking the call allows this person to continue the conversation after arriving at the other office.

Call Features

Stonehenge™ IX200 supports most of features in legacy Key Telephone System such as call forwarding, call pick-up as well as additional features like voice mail to email and so on.

Call forwarding

Call forwarding is a feature on some telephone networks that allows an incoming call to a called party, which would be otherwise unavailable, to be redirected to a mobile phone or other telephone number where the desired called party is situated. Usually, the forwarded line rings once, to remind the customer using Call forwarding that the call is being redirected.

Diverting calls can increase the contact time that people calling you have. Many people don't want to leave a message and businesses are finding the human touch can improve their service levels. Special types of call forwarding can be activated only if the line is busy, or if there is no answer, or even only for calls from selected numbers.

Call pick-up

Call pick-up is a feature used in a telephony system that allows one to answer someone else's telephone call. The "call pick-up" feature is accessed by pressing a pre-programmed button, or by pressing a special sequence of buttons on the telephone set.

In the businesses environment, the telephone or extension numbers may usually be divided into groups and call pick-up is used in same working group.

If a colleague's telephone set is ringing, a person can answer using the call pick-up feature without picking up one's own handset. It is also useful in large offices with fewer staff than telephone sets.

Conference call

A conference call is a telephone call in which more than three calling/called parties participate in the call. In IX200 system, user can make a special room(extension number) for conferencing and then calling/called party dial to the room at the same time.

In many businesses, conference calls are very useful to meet with remote parties, both internally and outside of their company. Common applications are client meetings or sales presentations, project meetings and updates, regular team meetings, training classes and communication to employees who work in different locations. Conference calling is viewed as a primary means of cutting travel costs and allowing workers to be more productive by not having to go out-of-office for meetings.

Voice mail to email

Voice mail to email is a feature that allows user to listen to voice mail messages on computer that were automatically emailed to registered email address as wave file format when the user is not able to access the phone. Thus, this feature is very useful to check the voice mail from any location in the globe. IX200 also delivers the detail information about voice mail message such as the received time as well as caller ID and so on. Particularly, Stonehenge™ IX200 will save investment on the system by providing this voice mail to email as a basic feature which is high cost additional feature in legacy Key Telephone System.

System Administration

For the management in either private VoIP network, but also ITSP's service network, Stonehenge™ IX200 provides the system management. From the system diagnostics to system upgrade, Stonehenge™ IX200 can be managed through the webpage, which is the most user-friendly interface.

Status

System	System environment, number of registered terminal and POTS line status
Network	Current IP Network Environment
Event	Notice, warning, error, critical failure report
Call	Inbound and outbound call history
Active Phone	Show the current active phones

Basic Settings

User	User registration, cancel, and Individual setting
Group	Individual Inbound, Outbound user group setting, Pick-up group setting
Dial Plan	Direct connection, number of DID or DOD, Call block setting
Profile	For convenient use, save the frequently used menus in profile and apply for individual user.
Admin	Administrator Password setting

Advanced Settings

SIP Configurations	IP Network environment for VoIP
Voice Service Provider	In case of using external ITSP, setting window to connect with the external ITSP.
Calling Function	Conference, Call parking, call forwarding, call parking setting menu

System Operation

Line	FXO Line Status, setting and change
Network	IP Network environment setting and change
Time	System time setting and change through NTP
Maintenance	System software upgrade and back-up

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