

Aspire™

Aspire, NEC's versatile integrated communication system, allows you to converge your voice and data network and enjoy the many advantages of Voice over Internet Protocol (VoIP).

Aspire gives you a choice: You can deploy traditional circuit-switched technology, VoIP or a combination, all from one system! You have the freedom to adopt VoIP when and where you need it, so today's technology investment is protected tomorrow.



Empowered by Innovation

NEC

Aspire Feature List

Attendant Features

- Assigned Night Answer (ANA)
- Attendant Camp On
- Attendant Position
- Attendant Transfer
- Automatic Hold
- Dial 0 For Attendant
- Split Hold (Line To Line Hold For Attendant)

VoIP Features

- Internal DHCP Server
- IP Terminal - Automatic Firmware Update
- IP Terminal - Automatic Phone Registration
- IP Terminal - H.323 Phone
 - Incoming & Outgoing Calls
 - Hold & Transfer Of Calls
- IP Terminal - Non Peer-to-Peer Connection
- IP Terminal - Peer-to-Peer Connection
- IP Trunk - H.323
 - Basic Function
 - Gatekeeper Router/Direct Connection
 - Fax Relay
- Layer 2 QoS
- Layer 3 QoS (IP Precedence/DiffServ)
- Networking by VOIP
- Simple Internal Gatekeeper
- VLAN Tagging

System Features

- 110 Button DSS Console
- Abbreviated Dial/Name Registration
- Abbreviated Dialing - Common/Group
- Account Code
- Answer Machine Emulation
- Automated Attendant
- Automatic Answer With Delay Message
- Automatic Call Distribution (ACD)
- Automatic Day/Night Mode Switching
- Automatic Number Identification (ANI) On T1
- Automatic Route Selection (ARS)
- Automatic Trunk To Trunk Transfer
- Battery Backup - System Clock
- Behind PBX Operation
- Callback
- Caller ID
- Caller ID Block
- Caller ID For Single Line Telephone
- Centralized Voice Mail
- Chain Dial
- Class Of Service
- Clear Down
- Clock Alarm-1, Alarm-2
- Conference - Add On Conference
- Conference - Multi-Trunk

- Conversation Recording (Voice Mail)
- Conversation Recording (ACI port)
- Cordless Telephone Connection
- Daylight Saving
- Delayed Ringing
- Dial Block
- Dial Tone Detect
- Dialed Number Identification Service (DNIS)
- Direct In Line (DIL)
- Direct Inward Dial (DID)
- Direct Inward System Access (DISA)
- Directed Call Pickup - Extension, Group
- DISA - External CFW Setting By Remote
- Door Lock Release
- Door Phone Call
- E&M Tie Lines (2wire) & (4wire)
- E911
- External Call Forwarding For Doorphone
- External MOH Control
- External Paging
- Fixed Call Forward - Off Premise
- Flexible Numbering Plan
- Flexible Ringing Assignment
- Flexible Timeouts
- Forced Intercom Ringing
- Forced Trunk Disconnect
- Full Universal Slots
- General Purpose Relay
- Hold - Park Hold
- Hot Line (Ringdown) - Internal, External
- Howler Tone
- InDepth Integration
- Intercom - Voice/Signal Call
- Internal Paging - All, Zone
- ISDN-BRI S - Point
- ISDN-BRI/PRI Trunks
- ISDN-PRI S - Point
- i-Series Telephone Support
- Long Conversation Alarm
- Long Conversation Cutoff
- Music On Hold
- Networking By PRI
- Networking By IP
- Night Service
- Off-Premises Extension
- PC Programming - Local, Remote
- Power Failure Transfer
- Preamble Message
- Presented Calling party number
- Programming from Key-station
- Pulse to DTMF Conversion
- Room Monitor
- Secretary Call Pickup
- Secretary Call (Buzzer)
- Serial Call
- Single Line Telephone Support
- Station Department Calling (Hunting)

- Station Group
- Station Message Detail Recording (SMDR)
- Step Call
- System Alarm
- System Data Up/Down Load
- T1 Connection
- Tandem Connection (E&M)
- TAPI 1.x
- TAPI 2.x
- Toll Restriction
- Toll Restriction Override
- Traffic Management Reports (TMS)
- Transfer - Extension/Trunk
- Transfer to Voice Mail
- Trunk Group
- Trunk Group Key
- Trunk Loop Key
- Trunk Route Assignment
- Universal Answer
- Universal Night Answer (UNA)
- Unsupervised Conference
- User Programming Capability
- VAU Fixed Message
- VAU General Message
- VAU Personal Greeting Message
- VAU Routing
- Voice Mail Integration
- Web Programming
- Wireless Cell-based Handsets

Station Features

- Background Music
- Barge-In
- Busy Lamp Field on Key Telephone
- Call Coverage Key
- Call Forwarding - Device
 - Off Premise
 - Text Message
 - Park & Page
- Call Forwarding - Station
 - Immediate
 - Busy/No Answer
 - No Answer
 - Both Ring
 - Follow Me
 - Answering Machine Emulation
- Call Redirect
- Call Timer
- Call Waiting
- Camp On - Extension
- Camp On - Trunk
- Detail Status Display On Key Telephone
- Dial Number Preview
- Display - Recalled Number Or Name
- Display The Reason Of Transfer
- Distinctive Ringing
- Do Not Disturb (DND)
- Extension Trunk Access
- Group Listening

- Hands-Free Speakerphone
- Hands-Free Talkback
- Handset Mute
- Head Set Mode
- Hook Flash Key (Ground Start) (Programmable)
- Incoming Caller List (Abandoned Call Display)
- Last Number Redial Call List
- Memo Dial
- Message Center Key
- Microphone
- Multi-Language Indication (10 Language)
- Normal Hold/Executive Hold
- Off-Hook Signaling
- One Touch Key
- Prime Line Selection
- Privacy On All Calls
- Programmable Function Keys
- Repeat Dial
- Reverse Voice Over
- Ringing Line Preference
- Saved Number Redial
- Scrolling SPEED Directories
- Selectable Ring Tones
- Soft Key
- Station Message Waiting
- Text Message - With Busy Indication
- Time And Date Display
- Trunk Name Display
- Virtual Extension Key
- Voice Call Privacy Release
- Voice Over
- Volume Control
- Walking Toll Restriction

Capacities

- Main Cabinet – 128 Analog/Digital Ports
- Expansion Cabinet – 128 Analog/Digital Ports
- 256 Circuit Switched Ports
- Maximums (not simultaneous)
 - 256 Keypad Ports
 - 256 IP Sets
 - 256 Analog Stations
 - 128 Analog Trunks
 - 200 Digital Trunks
 - 200 IP Trunks
 - 8 T1/PRI Cards
 - 32 110DSS Consoles
 - 256 24DLS Consoles
 - 120 Wireless Handsets

