

# Aspire™

**A**spire, 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™

## 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
- Hotel Motel Package (w/Property Management Option)
- 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

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Some features may be optional or available at a future date. The information herein is subject to change without notice at the sole discretion of NEC.



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To find out more about Aspire and how NEC's powerful and versatile technology platforms can work for you, visit our web site at [www.cng.nec.com](http://www.cng.nec.com) or call 800-365-1928.

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