

# 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
- Multiple Attendant Positions
- Attendant Transfer
- Automatic Hold
- Dial 0 for Attendant
- Split Hold  
(Line to Line Hold for Attendant)
- PC Attendant

### VoIP Features

- ACD Messages
- Internal DHCP Server
- IPSoftphone
- IPVideo Softphone
- IPTerminal - Automatic Firmware Update
- IPTerminal - Automatic Phone Registration
- IPTerminal - H.323 Phone/SIP - Incoming & Outgoing Calls - Hold & Transfer Of Calls
- IPTerminal - Non Peer-to-Peer Connection
- IPTerminal - Peer-to-Peer Connection
- IPTrunk - H.323/SIP - Basic Function - Gatekeeper Router/Direct Connection
- Fax Relay
- Layer 2 QoS
- Layer 3 QoS  
(IP Precedence/DiffServ)
- MW to SIP Extensions (RFC3842)
- Networking by VOIP
- Peer-to-Peer SIP Extensions
- Simple Internal Gatekeeper
- VAU Features
- VLAN Tagging

### System Features

- 110-Button DSS Console
- Abbreviated Dial/Name Registration
- Abbreviated Dialing - Common/Group
- Account Code
- 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
- Call Park Searching
- Callback
- Caller ID
- Caller ID Block
- Caller ID for Single Line Telephone
- Central Phone book
- Centralized Voice Mail (In Skin)
- Chain Dial
- Class Of Service
- Clock Alarm-1, Alarm-2
- Conference - Add on Conference

- Conference - Multi-Trunk
- Conference Bridge
- 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)
- DID Call Routing by Time
- 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
- Fractional T1/PRI Support
- Full Universal Slots
- General Purpose Relay
- Hold - Park Hold
- Hot Line (Ringdown) - Internal, External
- Hotel/Motel Operation with PMS
- Howler Tone
- InDepth Integration
- Intercom - Voice/Signal Call
- Internal Paging - All, Zone
- IntraMail Support (Aspire M only)
- ISDN-BRI/PRI Trunks
- i-Series Telephone Support
- Long Conversation Alarm
- Long Conversation Cutoff
- Mobile Extension
- Music on Hold
- Networking by PRI
- Networking by IP
- Night Service
- Off-Premises Extension
- PC Assistant
- PC Programming - Local, Remote
- Power Failure Transfer
- Preamble Message
- Presented Calling party number
- Programming from Key-Station
- Pulse to DTMF Conversion
- Remote Call Forward Setup
- Remote Conference
- 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)

- Station Relocation
- 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 Dial Out of Queue
- 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 / by COS
- Call Waiting
- Caller ID with Return Call
- 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
- Headset Operation
- Hook Flash Key (Ground Start) (Programmable)
- Hot Dial Pad
- Incoming Caller List (Abandoned Call Display)
- Last Number Redial Call List

- Memo Dial
- Message Center Key
- Microphone Mute
- Multi-Language Indication (10)
- 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 Keys
- Station Message Waiting
- Station Park
- Text Message - w/Busy Indication
- Time And Date Display
- Trunk Name Display
- User Programming
- Virtual Extension Key
- Voice Call Privacy Release
- Voice Over
- Volume Control
- Walking Toll Restriction

### Capacities

- Main Cabinet – 128 Analog / 240 Digital Ports
- Expansion Cabinet –128 Analog / 240 Digital Ports
- 480 Circuit Switched Ports
- Maximums (not simultaneous) - 384 Keyset Ports - 256 IPsets - 256 Analog Stations - 128 Analog Trunks - 200 Digital Trunks - 200 IPTrunks - 8 T1/PRI Cards - 32 110DSS Consoles - 384 24DLS Consoles - 120 Wireless Handsets

### IntraMail Capacities

- Size: 4 Ports (8 Hours) 8 Ports (16 Hours)
- Number of Mailboxes: Total: 152 Subscriber: 128 Call Routing: 16 Departments: 8
- Messages per Mailbox: 99 max.

### IntraMail Features

- ACD Messages
- Answering Machine Emulation
- Automated Attendant
- Automatic Call Routing to Mailbox
- Call Forward to Mailbox
- Caller ID with Call Return
- Conversation Record
- Fax Detection
- Flexible Answering Schedules
- Interactive "Soft" Keys
- Multiple Company Greetings
- One-Touch Mailbox Access
- Remote Message Notification
- VAU Features

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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.necunified.com](http://www.necunified.com) or call 800-365-1928.

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