NEC

UX5000

IP Communication Server

The UX5000 is a comprehensive integrated solution designed to meet the unique challenges of both business telephony applications and VoIP.

The UX5000 allows your organization to converge your voice and data network and benefit from the cost-saving advantages, convenience, and ease of use afforded by networked communication servers. By integrating diverse hardware components and software applications, NEC brings control of telephony features and related call information right to the user's PC, and provides advanced Computer Telephony Integration (CTI) throughout your organization.

The extensive feature set and reliable call processing applications are mature, efficient and dependable - yet intuitive and easy to use.

The architecture and design of the UX5000 delivers high performance, optimal voice quality, and reliability. A compact yet powerful solution that is simple to deploy, administer and maintain.

Completely Scalable to Support Growing Businesses - Functions alone or in a network and expands to meet all of your business communication needs.

Reduce Costs and Improve Network Efficiency - Communication features and resources can be transparently shared between branch and remote locations with CygniLink. Share voice mail and other applications for additional cost savings.

Low Installation Costs - Provides cost effective initial deployment, enhanced by converged communications - data, multimedia and voice over one network.

Enhanced Management Capabilities - The UX5000 offers centralized management of system data and platforms; moves, adds and changes of the UX5000 terminals are quick and easy. Installation wizards provide guidance.

Mobility Solutions - Select from a variety of mobility solutions and tools to keep your customers and team connected - while continuing to provide access to all the UX5000's advanced communication and voice messaging features. Mobility solutions include: Bluetooth Cordless Handsets/Cordless Phones, IP Dect Wireless Handsets, WiFi Handsets, Mobile Extension and IP Soft Phone.

Distinguished by Excellence

UX5000

IP Features

- Computer Supported Telephone Applications (CSTA)
- Desktop Suite
  - PC Assistant
  - PC Attendant
  - Soft Phone
- Downloadable Ringtones
- G.722 Wideband Codec
- Internal DHCP Server
- IP Networking
- IP Terminal
  - Automatic Firmware Update
  - Automatic Phone Registration
  - H.323 Phone/SIP
  - Non Peer-to-Peer Connection
  - Peer-to-Peer Connection
- IP Trunk - H.323/SIP
  - Basic Function
  - Fax Relay
  - Gatekeeper Router/Direct Connection
- IP Video Soft Phone
  - Application Sharing
  - Call History
  - File Transfer
  - Instant Messaging (IM)
  - Presence
  - Video Conference
  - Whiteboard
- IPv6 Compatibility
- Layer 2 QoS
- Layer 3 QoS (IP Precedence/DiffServ)
- MW to SIP Extensions (RFC3842)
- PC Programming - Local, Remote
- Peer-to-Peer SIP Extensions
- PoE Gbit Switch
- QoS Router Blade
- Seamless Networking (CygniLink)
- Secure Mode/Security Lock
- Simple Internal Gatekeeper
- Simple Network Management Protocol (SNMP)
- VLAN Tagging
- Web Programming
- WiFi Handsets
- XML Support

System Features

- 16-Button DLS Module
- 60-Button DSS Console
- Abbreviated Dial/Name Registration
- Abbreviated Dialing (Common/Group)
- Account Code
- Aspire Telephone Support
- Automatic Answer with Delay Message
- Automatic Call Distribution (ACD)
- Automatic Day/Night Mode Switching
- Automatic Hold
- Automatic Number Identification (ANI) on T1
- Automatic Route Selection (ARS)
- Automatic Terminal Relocation
- Automatic Trunk to Trunk Transfer
- Battery Backup
- Bluetooth Handset & Hub Adapter
- Call Park Searching
- Callback

- Caller ID
- Central Phone Book
- Centralized Voice Mail (In chassis)
- Class Of Service
- Clock Alarm-1, Alarm-2
- Color Touch Screen Terminal
- Conference - Add on Conference
- Conference - Multi-Trunk
- Conference Server
- Conversation Record
- Cordless Telephone Connection
- Daylight Savings
- Delayed Ringing
- DESI-less Terminal
- Dial 0 for Attendant
- 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 Box Call
- E&M Tie Lines (2wire & 4wire)
- E911
- External Call Forwarding For Door Box
- External MOH Control
- External Paging
- Fixed Call Forward - Off Premise
- Flexible Numbering Plan
- Flexible Ringing Assignment
- Flexible Ringing Caller ID
- Flexible Timeouts
- Forced Intercom Ringing
- Forced Trunk Disconnect
- Fractional T1/PRI Support
- General Purpose Relay
- Hold - Park Hold
- Hospitality with PMS
- Hotline (Ringdown) - Internal, External
- InDepth Integration
- Intercom - Voice/Signal Call
- Internal Paging - All, Zone
- ISDN-BRI/PRI Trunks
- Long Conversation Alarm/Cutoff
- Mobile Extension
- Multiple Attendant Positions
- Music on Hold
- Networking via PRI
- Night Service
- Off-Premises Extension
- Power Failure Transfer
- Presented Calling Party Number
- Programming from Key-Station
- Pulse to DTMF Conversion
- Redundancy
- 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)
- Step Call
- System Alarm
- System Data Up/Down Load
- T1 Connection
- 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
- Voice Mail
- Wireless Handset

Station Features

- Background Music
- Backlit LCD
- Barge-In
- Busy Lamp Field on Terminal
- Call Coverage Key
- Call Forwarding - Device
  - Off Premise
  - Text Message
- Call Forwarding - Terminal
  - 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 Terminal
- Dial Number Preview
- Display - Recalled Number or Name
- Display the Reason of Transfer
- Distinctive Ringing
- Do Not Disturb (DND)
- Trunk Access
- Full Duplex/Handsfree Speakerphone (most models)
- Group Listening
- Handsfree Talkback
- Handset Mute
- Headset Operation
- Hook Flash Key
- Hot Dial Pad
- Illuminated Dial Pad
- Incoming Caller List (Abandoned Call Display)
- Last Number Redial List
- Memo Dial
- Microphone Mute

- Multi-Language Indication (14)
- Normal Hold/Executive Hold
- Off-Hook Signaling
- Prime Line Selection
- Privacy/Privacy Release
- Programmable Function Keys
- Repeat Dial
- Reverse Voice Over
- Ringing Line Preference
- Saved Number Redial
- Scrolling Speed Directories
- Selectable Ring Tones
- Seven Color LED Status Indicator
- Soft Keys
- Message Waiting Indication
- Station Park
- Text Message - w/Busy Indication
- Time And Date Display
- Trunk Name Display
- User Programming
- Virtual Extension Key
- Voice Over
- Volume Control
- Walking Toll Restriction

UX5000 Capacities

- 19" Stackable 2U Chassis Architecture
- Maximums (not simultaneous)
  - 512 Terminals
  - 200 Trunks
  - 8 T1/PRI Cards

UX Mail & UX IntraMail Capacities

- UX Mail Size:
  - Total Mailboxes — 2,000
  - Voice Mail Ports — 4 to 16
  - Voice Storage Hrs — 125 or 550
- UX IntraMail Size:
  - Total Mailboxes — 576
  - Voice Mail Ports — 4 to 16
  - Voice Storage Hrs — 16 or 32

UX Mail & UX IntraMail Features

- ACD Messages
- Automated Attendant
- Automatic Call Routing to Mailbox
- Call Forward to Mailbox
- Call Screen
- Caller ID with Call Return
- Conversation Record
- Email Integration
- Fax Detection
- Fax Server*
- Flexible Answering Schedules
- Interactive "Soft" Keys
- Message Center Key
- Multiple Company Greetings
- One-Touch Mailbox Access
- Park and Page
- Remote Message Notification
- Unified Message*
- Voice Announce Features

*UX Mail only

To find out more about UX5000 and how NEC's powerful and versatile technology platforms can work for you, contact your local NEC dealer, visit our web site at www.necux5000.com or call 800-365-1928.

Empowered by Innovation

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