

Data extracted on: 07 08 2008



Side by Side Comparison`

<b>VENDOR:</b>	NEC Unified Solutions, Inc.	ESI (Estech Systems, Inc.)	ESI (Estech Systems, Inc.)	ESI (Estech Systems, Inc.)	ESI (Estech Systems, Inc.)
<b>MODEL:</b>	UX5000 Communication Server	IVX 56s	ESI-100	ESI-200	ESI-600
<b>APPLICATION:</b>	IP-PBX; PBX; Hybrid; Key	Key; Hybrid	Key; IP-Enabled Key; Hybrid	Key; IP-Enabled Key; Hybrid	Key; IP-Enabled Key; Hybrid
<b>FCC REG. NO.:</b>	9.5-inch Chassis (NIFPF07BCYGNFIRE, NIFMF07BCYGNFIRE, NIFKF07BCYGNFIRE) or 19-inch Chassis (NIFPF07BSN1759, NIFMF07BSN1759, NIFKF07BSN1759)	1T1USA-33727-MF-E	1T1MF08B33727	1T1MF08B33727	1T1MF08B33727
<b>MANUFACTURED IN:</b>	Thailand/USA	USA	USA	USA	USA
<b>REGIONS WHERE SOLD:</b>	North America	North America	North America	North America	North America
<b>INTRODUCTION:</b>	2008	2004	2007	2007	2006
<b>RELEASE/REV. LEVEL:</b>	1.00	Generation II	12.2.0	14.2.0	16.2.0
<b>REVISION DATE:</b>	2008/06A	2007/09U	2007/05A	2007/05A	2007/05U
<b>REVISION DATE NOTES:</b>					
<b>REPORT BASED ON:</b>	Vendor Documentation	Product Overview	Vendor Documentation	Vendor Documentation	Vendor Documentation
<b>SYSTEM CAPACITY:</b>					
<b>Ports</b>	712	14 to 56	108	300	624
<b>Trunks</b>	200	4 to 16 CO	42	84	168
<b>Stations</b>	512	8 to 32	84 max.: 72 (IP); 48 (digital); 28 (analog)	192 max.:192 (IP); 168 (digital); 56 (analog)	408 max.: 408 (IP); 336 (digital); 188 (analog)
<b>Busy Hour Calls</b>	5,000	-	-	-	-
<b>CAPACITY NOTES:</b>					
<b>Capacity Notes:</b>	The UX5000 Communication Server handles VoIP and traditional voice, as well as centralized management and productivity features for small and medium businesses (SMBs).  Trunk blades include: 4-circuit loop/ground-start analog (four Caller	IVX 56s is a 3-slot cabinet that supports a maximum of 16 CO lines, 32 digital stations and eight analog ports (for analog stations or fax machines or cordless phones). The smallest configuration includes four CO lines and eight extensions and two analog ports.	ESI-100 is a compact, wall-mounted system with one Base Cabinet and one optional Expansion Cabinet. The Base Cabinet includes the main board, Memory Module, two port card slots and an external wall-mounted power supply.	ESI-200 is a compact, wall or rack-mounted system with one Base Cabinet and one optional Expansion Cabinet. The Base Cabinet includes the main board, backplane, Memory Module, seven port card slots and an external wall-mounted	ESI-600 is a compact, wall or rack-mounted system with one Base Cabinet and three Expansion Cabinets connected via SCSI cable. The Base Cabinet includes the main board, backplane, Memory Module, seven port card slots

ID, one Power Failure); 4-circuit loop/ground expansion; 24-channel fractional T1/PRI (eight); 4-circuit DID/OPX, 4-circuit E&M Tie. Up to 200 SIP trunks are supported. VoIP Media Gateways are required.

Station blades include: 8-circuit digital; 8-circuit digital expansion; 8-circuit analog; 8-circuit analog station expansion daughter board; 16-circuit and 8-circuit digital/2-circuit analog blade.

Optional equipment cards include: UX Mail blades (four, eight, 12 or 16 ports/2,000 mailboxes/125/550 hours), supporting up to 200 desktop clients; UX IntraMail (four, six, eight, 10, 12, 14, 16 ports) and 16/32 hours; Conference Bridge, inRouter blade, inSwitch gigabit/PoE blade.

The system includes built-in voice mail/auto attendant (4 ports/32 mailboxes/2 storage hours or 6 ports/32 mailboxes/30 storage hours). IVX 56s also supports an additional 10 guest/informational mailboxes and 10 cascade paging mailboxes. (The Integrated Answering Machine (IAM) configuration with 30 minutes of voice storage is no longer offered.)

The Expansion Cabinet houses two port card slots. (Expansion Cabinet is the same for ESI-600 and ESI-1000; however, ESI-100 and ESI-200 have their own unique Expansion Cabinets.)

A fully expanded system houses four port cards and supports 108 total ports, including up to 42 CO lines and 84 stations (72 IP, 48 digital, 28 analog). (CO lines and station maximums cannot be reached simultaneously.)

On-board integrated auto attendant/voice mail supports eight channels, 1,000 Guest Mailboxes, 84 station mailboxes and 140 storage hours (CompactFlash).

E2 Cards include: E2-684 (6-circuit CO, 8 digital, 4 analog station), E2-612 (6-circuit CO, 12 digital), E2-A12 (12 analog stations), E2-DLC12 (1 T1/PRI, 12 digital stations), ESI-6ALC (6 CO lines), ESI-DLC (1 T1/PRI), E2-D12 (12 digital stations). (CS port cards, supported by larger ESI Communications Servers, are not supported on ESI-100.)

Three VoIP cards are available (IVC versions only) as follows: IVC 24R (24 IP stations), IVC 24EL (24 Esi-Link channels), IVC 12R12EL (12 IP stations and 12 Esi-Link channels).

power supply. The Expansion Cabinet houses a backplane, seven port card slots, expansion cable, and an external wall-mounted power supply. (Expansion Cabinet is the same for ESI-600 and ESI-1000; however, ESI-100 and ESI-200 have their own unique Expansion Cabinets.)

Maximum capacities for a fully expanded system depend on whether a 3-digit or 4-digit dialing plan is used (14 port cards and 300 total ports with 4-digit dialing, or 14 port cards and 276 ports with 3-digit dialing). The following capacities correspond with a 4-digit dialing plan: 84 CO trunks and 192 stations (192 IP, 168 digital or 56 analog).

On-board integrated auto attendant/voice mail supports 16 or 24 channels, 1,000 Guest Mailboxes, 192 station mailboxes and 140 storage hours (CompactFlash) or 600 storage hours (Hard Disk Drive).

CS Port Cards have built-in hot-swap capability and include: CS-684 (6-circuit CO, 8 digital, 4 analog station), CS-612 (6-circuit CO, 12 digital), CS-A12 (12 analog stations), CS-DLC12 (1 T1/PRI, 12 digital stations), CS-6ALC (6 CO lines), CS-DLC (1 T1/PRI), CS-D12 (12 digital stations). Customers upgrading to Communications Server may use E2 port cards with a port card adapter sold separately.

Three VoIP cards are available (in CS or IVC versions) as follows: CS-IVC 24R (24 IP stations), CS-IVC 24EL (24 Esi-Link channels), CS-IVC 12R12EL (12 IP stations and 12 Esi-Link channels).

and an external wall-mounted power supply. The Expansion Cabinet houses a backplane, seven port card slots, expansion cable, expansion card and an external wall-mounted power supply. (Expansion Cabinet is the same for ESI-600 and ESI-1000; however, ESI-100 and ESI-200 have their own unique Expansion Cabinets.)

Maximum capacities for a fully expanded system depend on whether a 3-digit or 4-digit dialing plan is used (28 port cards and 624 total ports with 4-digit dialing, or 14 port cards and 276 ports with 3-digit dialing). The following capacities correspond with a 4-digit dialing plan: 168 CO trunks and 408 stations (408 IP, 336 digital or 188 analog).

On-board integrated auto attendant/voice mail supports 32 channels, 1,000 Guest Mailboxes, 408 station mailboxes and 1,200 storage hours (Hard Disk Drive).

CS Port Cards have built-in hot-swap capability and include: CS-684 (6-circuit CO, 8 digital, 4 analog station), CS-612 (6-circuit CO, 12 digital), CS-A12 (12 analog stations), CS-DLC12 (1 T1/PRI, 12 digital stations), CS-6ALC (6 CO lines), CS-DLC (1 T1/PRI), CS-D12 (12 digital stations). Customers upgrading to Communications Server may use E2 port cards with a port card adapter sold separately.

Three VoIP cards are available (in CS or IVC versions) as follows: CS-IVC 24R (24 IP stations), CS-IVC 24EL (24 Esi-Link channels), CS-IVC 12R12EL (12 IP stations and 12 Esi-Link channels).

IP TELEPHONY:					
IP Telephony Option:	Yes	No	Yes	Yes	Yes
LAN Interface	S	NA	O (10/100Base-T)	O (10/100Base-T)	O (10/100Base-T)
WAN Interface	S	NA	O	O	O
IP Telephony Notes:	<p>UX5000 can operate as a pure IP system or a converged system (digital cards can be added to the system). VoIP Media Gateways (32, 64 and 128 channels) are available for connecting IP to non-IP devices.</p> <p>The system supports up to 512 SIP stations and 200 SIP trunks.</p>		<p>ESI-100 can be IP-enabled by adding VoIP cards for IP stations and/or Esi-Link channels. Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems into one IP-based system. The system can house up to three 24-channel IP station cards, or one 24-channel Esi-Link channels or one combination card (12 IP stations and 12 Esi-Link channels). ESI-100 supports a maximum of 72 IP stations and 24 Esi-Link channels.</p> <p>The Main Board houses a built-in Network Services Processor for applications that require connection to the customer's LAN, including ESI's optional VIP, PC Attendant Console, Presence Management with time and attendance software reporting option, and remote system programming. Supported codecs are as follows: G.711 (locally installed IP Phones); G.726 (remotely installed IP phones); G.729 (Esi-Link connections).</p> <p>Relevant IP industry standards and protocols are used in the ESI Communications Servers, including QoS, Diffserv, Power over Ethernet (PoE), and VLAN support.</p> <p>SIP support allows connection of third-party SIP telephones (requires IVC 24R card).</p>	<p>ESI-200 can be IP-enabled by adding VoIP cards for IP stations and/or Esi-Link channels. Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems into one IP-based system. The system can house up to eight 24-channel IP station cards, or one 24-channel Esi-Link channels or one combination card (12 IP stations and 12 Esi-Link channels). ESI-200 supports a maximum of 192 IP stations and 24 Esi-Link channels.</p> <p>The Main Board houses a built-in Network Services Processor for applications that require connection to the customer's LAN, including ESI's optional VIP, PC Attendant Console, Presence Management with time and attendance software reporting option, and remote system programming. Supported codecs are as follows: G.711 (locally installed IP Phones); G.726 (remotely installed IP phones); G.729 (Esi-Link connections).</p> <p>Relevant IP industry standards and protocols are used in the ESI Communications Servers, including QoS, Diffserv, Power over Ethernet (PoE), and VLAN support.</p> <p>SIP support allows connection of third-party SIP telephones (requires IVC 24R card).</p>	<p>ESI-600 can be IP-enabled by adding VoIP cards for IP stations and/or Esi-Link channels. Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems into one IP-based system. The system can house up to 17 24-channel IP station cards, or two 24-channel Esi-Link channels or two combination cards (12 IP stations and 12 Esi-Link channels). ESI-600 supports a maximum of 408 IP stations and 48 Esi-Link channels.</p> <p>The Main Board houses a built-in Network Services Processor for applications that require connection to the customer's LAN, including ESI's optional VIP, PC Attendant Console, Presence Management with time and attendance software reporting option, and remote system programming. Supported codecs are as follows: G.711 (locally installed IP Phones); G.726 (remotely installed IP phones); G.729 (Esi-Link connections).</p> <p>Relevant IP industry standards and protocols are used in the ESI Communications Servers, including QoS, Diffserv, Power over Ethernet (PoE), and VLAN support.</p> <p>SIP support allows connection of third-party SIP telephones (requires IVC 24R card).</p>

<b>CHARACTERISTICS:</b>					
<b>Analog</b>	Yes	Yes	Yes	Yes	Yes
<b>Digital</b>	Yes	Yes	Yes	Yes	Yes
<b>IP</b>	Yes	No	Yes	Yes	Yes
<b>Blocking</b>	Yes (IP trunks); No (IP and digital terminals)	No	No	Yes	Yes
<b>Virtual NonBlocking</b>	No	No	No	Yes	Yes
<b>NonBlocking</b>	Yes (digital); No (IP)	Yes	Yes	No	No
<b>Conversation Paths</b>	104 per chassis (digital)	32	INA	INA	INA
<b>HARDWARE CONFIGURATION:</b>					
<b>Number of Cabinets:</b>	One 19-inch chassis, plus three additional 19-inch chassis for expansion or one 9.5-inch chassis, plus one expansion 9.5-inch chassis; three additional pairs for expansion (chassis types may be mixed)	1 basic cabinet, plus 1 expansion cabinet	1 base cabinet, plus 1 expansion cabinet	1 base cabinet, plus 1 expansion cabinet	1 base cabinet, plus 3 expansion cabinets
<b>Cabinet Dimensions:</b>	3.6 in. high x 16.9 in. wide x 14.6 in. deep (19-inch chassis); 4.6 in. high x 8.5 in. wide x 14.5 in. deep (9.5-inch chassis); 4.6 in. high x 8.75 in. wide x 14.4 in. deep (9.5-inch expansion chassis); 4.6 in. high x 16.9 in. wide x 14.5 in. deep (9.5-inch chassis with expansion)	11.5 in. high x 8.0 in. wide x 3.0 in. deep	11 in. high x 8.5 in. wide x 3 in. deep (base cabinet)	10.5 in. high x 19 in. wide x 10.5 in. deep (base cabinet)	10.5 in. high x 19 in. wide x 10.5 in. deep (base cabinet)
<b>Cabinet Weight:</b>	81.76 pounds, fully loaded (19-inch chassis)	INA	INA	INA	INA
<b>Cabinet Mounting:</b>	19-inch rack-mount; wall; floor	Wall	Wall	Wall or rack	Wall or rack
<b>PowerSply (Int/Ext):</b>	Internal, standard with chassis	External transformer	External transformer; optional power shelf	External transformer; optional power shelf	External transformer; optional power shelf
<b>- 110VAC Input Ver:</b>	Yes	Yes	Yes	Yes	Yes
<b>- 220VAC Input Ver:</b>	Yes	No	No	No	No
<b>- 48VDC Input Ver:</b>	No	No	No	No	No
<b>Power Consumption:</b>	240 Watts per 6-slot chassis (19-inch chassis)  120 Watts per 3-slot chassis (9.5-inch chassis)	25 watts maximum	125 watts	360 watts	720 watts
<b>Heat Dissipation:</b>	INA	negligible	negligible	negligible	negligible
<b>Processor:</b>	Motorola PowerPC Power Quick II; Nucleus operating system	Central microprocessor, Motorola ColdFire DSP processor; proprietary operating system software	Central microprocessor, Motorola ColdFire DSP processor; proprietary operating	Central microprocessor, Motorola ColdFire DSP processor; proprietary operating	Central microprocessor, Motorola ColdFire DSP processor; proprietary operating

<b>Redundancy:</b>	Optional dual CPU (future) or auto failover to secondary server (in network configuration)	Not offered	system software Not offered	system software Optional	system software Optional
<b>· CommCtrl Circuit:</b>	O	-	NA	NA	NA
<b>· Disk Drives:</b>	Not Applicable	-	NA	O (M3 Mirrored Memory Module)	O (M3 Mirrored Memory Module)
<b>· Power Supplies:</b>	NA	-	NA	NA	NA
<b>· Other:</b>	-	-	NA	NA	NA
<b>Software Packages:</b>	1 basic package	1 basic package with unified messaging option	1 basic package with unified messaging option	1 basic package with unified messaging option	1 basic package with unified messaging option
<b>Operating Temp:</b>	32 to 104 degrees F	40-80 degrees F	40-80 degrees F	40-80 degrees F	40-80 degrees F
<b>Operating Humidity:</b>	10% to 90%, noncondensing	0-90%	0-90%	0-90%	0-90%
<b>Circuit Card Types:</b>	14 cards, five daughterboards	one expansion card type	10 available cards	17 available cards	17 available cards
<b>Card Slots:</b>	3 slots (9.5-inch chassis); 6 slots (19-inch chassis)	3 fixed slots	2 slots (base cabinet); 4 slots (full system)	7 slots (base cabinet); 14 slots (full system)	7 slots (base cabinet); 28 slots (full system)
<b>Wiring:</b>	For IP, CAT-3 or higher for 10BaseT and CAT-5 or higher for 100BaseT; 1-pair for digital	1-pair for all stations	1-pair (twisted) all phones	1-pair (twisted) all phones	1-pair (twisted) all phones
<b>Wiring Limitations:</b>	328' (IP phones); 1968' using 24-gauge wiring for digital keysets; 20,997' using 24-gauge wiring for single-line analog phones; 328' using 24-gauge wiring for doorphones	1,000' from stations to system	1,000' for station cable	1,000' for station cable	1,000' for station cable
<b>Telephone Set Dims:</b>	2/6-Button Terminal: 4.4 in. high x 7 in. wide x 8.9 in. deep; 12-Button/24-Button Terminal: 4.4 in. high x 7 in. wide x 10.2 in. deep; 32-Button Terminal: 4.4 in. high x 7 in. wide x 10.7 in. deep; CTS: 4.4 in. high x 8.9 in. wide x 9.8 in. deep.  Aspire Telephones may also be used: 2-Button: 2.75 in. high x 6.375 in. wide x 8.75 in. deep; 22-Button or 34-Button: 3.875 in. high x 7.75 in. wide x 9.25 in. deep.	INA	5.5 in. high x 2 in. wide x 1.25 in. deep (cordless handsets); 8.5 in. high x 8 5/8 in. wide x 1.5 in. deep (48-key phone)	5.5 in. high x 2 in. wide x 1.25 in. deep (cordless handsets); 8.5 in. high x 8 5/8 in. wide x 1.5 in. deep (48-key phone)	5.5 in. high x 2 in. wide x 1.25 in. deep (cordless handsets); 8.5 in. high x 8 5/8 in. wide x 1.5 in. deep (48-key phone)
<b>SYSTEM FEATURES</b>					
<b>Abbr./Speed Dialing</b>	S	S	S	S	S
<b>· Max. Speed Dial No.</b>	2,000	100	100 (3-digit dialing) or 1,000 (4-digit dialing)	100 (3-digit dialing) or 1,000 (4-digit dialing)	100 (3-digit dialing) or 1,000 (4-digit dialing)
<b>· Max. Dig/Speed No.</b>	24	30	30	30	30
<b>Account Codes</b>					

· (Optional)	S	S	S	S	S
· Digits/Code	1 to 16	10	10	10	10
· (Forced)	S	NA	NA	NA	NA
· Digits/Code	1 to 16	-	-	-	-
· (Std., preprogrammed)	NA	NA	NA	NA	NA
· Digits/Code	-	-	-	-	-
· (Verifiable)	S	NA	NA	NA	NA
· Digits/Code	3 to 16	-	-	-	-
· No of Codes	2,000	-	-	-	-
Auth. Codes (COS Ovrdr)	S	NA	NA	NA	NA
· Digits/Code	4	-	-	-	-
· No. of Codes	512	-	-	-	-
Auto Attendant	O	S	S	S	S
· Built-in	O	S	S	S	S
· External	O	NA	NA	NA	NA
Auto Route Selection	S	NA	S	S	S
Auto Set Relocation	S	NA	S (IP phone)	S (IP phone)	S (IP phone)
Auto Wakeup (Time Remdr)	S	NA	NA	NA	NA
Back Music (thru Phones)	S	NA	NA	NA	NA
Battery Backup, Memory	S	S	NA	NA	NA
Battery Backup, System	O	O	O	O	O
· Direct Batt. Conn.	O (internal or external battery options)	NA	NA	NA	NA
· UPS Package Required	O	O	O (third party)	O (third party)	O (third party)
Caller Identification					
· Inc. Caller ID (ICLID)	S	S (analog or digital ports)	S (analog or digital ports)	S (analog or digital ports)	S (analog or digital ports)
· ANI	S (T1)	NA	NA	NA	NA
· DNIS	S	NA	O (via T1/PRI)	O (via T1/PRI)	O (via T1/PRI)
Centrex Compatibility	S	S	S	S	S
Classes of Service	S	NA	NA	NA	NA
· No. of Classes	15	-	-	-	-
· Day/Night Class Svc.	S	-	-	-	-
Diagnostics (Self Test)	S	S	S	S	S

Dial Pulse/DTMF Signal	S	S	S	S	S
Direct In Lines	S	S	S	S	S
Direct Inward Dialing	O	NA	O (via T1)	O (via T1)	O (via T1)
Distinctive Ringing	S	S	S	S	S
Doorphones	O	S	S	S	S
· Max No. of Doorphones	8	32	47	167	335
E911 Capability	S	NA	O (via PRI)	O (via PRI)	O (via PRI)
Ext. Alerting Device	S	O	O	O	O
External Page Interface	S	S	S	S	S
Hot Line/Crty Phone Svc.	S	NA	NA	NA	NA
ISDN Interface	O	NA	O	O	O
· Primary Rate (Net.)	O (fractional)	NA	O	O	O
· Basic Rate (Net.)	O	NA	NA	NA	NA
· Basic Rate (Int.)	O	NA	NA	NA	NA
· Max. PRIs	8	-	1	3	6
· Max. BRIs	25	-	-	-	-
Least Cost Route (LCR)	S	NA	NA	NA	NA
Malicious Call Trace	NA	NA	NA	NA	NA
Message Waiting					
· (Attendant-Station)	S	S	S	S	S
· (Station-Station)	S	S	S	S	S
· (w/Display Messages)	S	O (text messages via VIP)	S (text messages via VIP)	S (text messages via VIP)	S (text messages via VIP)
· Preprogrammed Msg.	S	NA	NA	NA	NA
· Customized Msg.	O (PC Attendant)	NA	NA	NA	NA
· No of Display Msg.	20	-	-	-	-
· Char/Display Msg.	24	-	-	-	-
Multiple Trunk Groups	S	S	S	S	S
· No. of Groups	200	3	8	8	8
Music-on-Hold Int.	S	S	S	S	S
· No. of Sources	96	5	9	9	9
· Built-in Synth.	S	NA	NA	NA	NA
NANP Compatible	S	S	S	S	S
Night Service					
· (Fixed)	S	S	S	S	S

· (Flexible)	S	O	S	S	S
· (Auto Activation)	S	O	S	S	S
· (Manual Activation)	S	S	S	S	S
Off-Premise Extensions	O	NA	O	O	O
Private Lines	S	S	S	S	S
Recorded Msg. Svc.	O	S	S	S	S
Remote Access (DISA)	S	NA	NA	NA	NA
· (No. of DISA Codes)	15	-	-	-	-
· (Digits/Code)	6	-	-	-	-
Security Alarm Int.	S	O (via Presence Management)	NA	NA	NA
SMDR Interface	S (requires license activation)	S	S	S	S
Tenant Service	S	NA	S	S	S
· (No. Tenant Group)	4	-	2	4	8
· (Intercom Blocking)	S	NA	NA	NA	NA
Toll Restriction					
· (0,1)	S	S	S	S	S
· (Area/Office Code)	S	S	S	S	S
· (Allow, Deny Lists)	S	S	S	S	S
· (No. of Lists)	15	INA	2	2	2
· (All Outgoing)	S	S	S	S	S
· (Out, Expt. Local)	S	NA	NA	NA	NA
Toll Restriction Override					
· (by Code)	S	NA	NA	NA	NA
· (by Sys. Abb. Dial)	S	S	S	S	S
Traffic Measurement	S	NA	NA	NA	NA
Trunk-to-Trunk Connect	S	S	S	S	S
Trunk Types Supported					
· CO (loop-start)	S	S	S	S	S
· CO (ground-start)	S	NA	O (via T1)	O (via T1)	O (via T1)
· DID	O	NA	O (via T1)	O (via T1)	O (via T1)
· Tie (2 wire)	O	NA	NA	NA	NA
· Tie (4 wire)	O	NA	NA	NA	NA
· T1	O (fractional)	NA	O	O	O
· Max T1s	8	-	1	3	6
Voice Mail Interface	S	S	S	S	S

<b>APPLICATIONS</b>					
<b>ACD/Contact Center</b>	S (licenses must be purchased)	NA	S	S	S
<b>Call Accounting System</b>	O	O	NA	NA	NA
<b>Centralized Attendant Service</b>					
· (Main)	S (licenses must be purchased)	NA	NA	NA	NA
· (Branch)	S (licenses must be purchased)	NA	NA	NA	NA
<b>Personal Productivity</b>					
· Prop. Desktop Inter.	S (licenses must be purchased)	O (VIP or VIP Professional)	O (VIP or VIP Professional)	O (VIP or VIP Professional)	O (VIP or VIP Professional)
· Std. TAPI Desk Inter.	S (licenses must be purchased)	O	O	O	O
· Prop. System Inter.	NA	NA	NA	NA	NA
· Std. TSAPI Sys. Int.	NA	NA	NA	NA	NA
<b>Healthcare Package</b>	NA	NA	NA	NA	NA
<b>Hospitality Package</b>	O	NA	NA	NA	NA
· PMS Interface	O	NA	NA	NA	NA
<b>IVR</b>	O	O	NA	NA	NA
<b>Networking</b>					
· via Analog Tie Lines	NA	NA	NA	NA	NA
· via Digital T1 Lines	NA	NA	NA	NA	NA
· via ISDN PRI	O	NA	NA	NA	NA
· via QSIG	NA	NA	NA	NA	NA
· via VoIP	S (licenses must be purchased)	NA	O	O	O
· Uniform Dialing Plan	S	-	NA	NA	NA
· Feature Transparency	S	-	S	S	S
<b>Remote Equipment</b>	NA	NA	NA	NA	NA
· No. of Ports:	-	-	-	-	-
· Connect to Host via:	-	-	-	-	-
· Max. Distance Limit:	-	-	-	-	-
· Intel./Survive. Nodes	NA	NA	NA	NA	NA
<b>Unified Messaging</b>	O (basic)	O	O	O	O
<b>Voice Mail</b>	O	S	S	S	S
<b>Applications Notes:</b>	IP networking using CygniLink (a licensed option) enables full feature transparency among UX5000 systems (up to 15 nodes or up to the maximum system size of 200 trunks and 512 stations). AspireNet (a licensed option) can provide networking to	Built-in voice mail is available with 4 ports/32 mailboxes/2 storage hours or 6 ports/32 mailboxes/30 storage hours. Voice mail features include call record, call screening, off-premises 'reach me,' external message notification, Quick Groups, Quick Page and more. Voice	The system is equipped with built-in ACD functionality, with queuing to longest idle agents and support for up to 10 agent groups with up to 32 agents per group. Agents may log into two groups for work load sharing.	The system is equipped with built-in ACD functionality, with queuing to longest idle agents and support for up to 20 agent groups with up to 48 agents per group. Agents may log into two groups for work load sharing.	The system is equipped with built-in ACD functionality, with queuing to longest idle agents and support for up to 64 agent groups with up to 48 agents per group. Agents may log into two groups for work load sharing.

Aspire systems, or used to support more than 15 nodes or when total system size exceeds 200 trunks and 512 stations. (AspireNet supports the more limited feature package of the Aspire.)

ACD is part of the basic package but requires an activation license for 64 ACD groups for call distribution to agents, call queuing, reporting, optional PC-based supervisor software for scheduling and/or optional inDepth and inDepth+ Windows-based MIS to add real-time statistics, wall board display and configurable reports.

Two integrated messaging options are available: UX Mail card which requires a chassis slot (2,000 mailboxes, 4-16 ports, 125 or 550 storage hours) and 10 seats of Unified Messaging or UX IntraMail daughterboard which plugs onto the CPU card (544 mailboxes, 4-16 ports, 16 or 32 storage hours). Features include 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 (UX Mail only), Flexible Answering Schedules, Interactive Soft Keys, Message Center Key, Multiple Company Greetings, One-Touch Mailbox Access, Park and Page, Remote Message Notification, Unified Message (UX Mail only), Voice Announce.

Additional application options include IVR, call recording and playback, Desktop Software (PC Assistant, PC Attendant and UX softphone), Communication Analyst (call analysis and tracking), a Multimedia Conference Server and InRouter (networking and monitoring - blade requires no license). IVR/Multimedia Conference Server requires a blade and a media card (eight ports). Desktop Suite Software and Communication Analyst require client software (on CD) and licenses.

TAPI 2.0 and TAPI 1.0 are standard in

mail options also come with an 18-branch auto attendant for call routing, off-premises transfer, cell phone/pager transfer and trunk-to-trunk transfer. (A 2-channel Integrated Answering Machine (IAM) configuration with 30 minutes of voice storage is no longer offered).

The ESI PC Attendant Console has a 200-button Virtual Button Display for access to stations, departments, speed dials and features. Automatic attendant queues are provided to minimize the length of time an incoming caller may ring. A held calls queue identifies each call on-hold throughout the system by name, Caller ID, tenant assignment, and line number.

TAPI support is provided by the VIP option (proprietary desktop interface); the Visually Integrated Phone (VIP) communication management tool enables on-screen call control using Microsoft Outlook, as well as unified messaging, contact management, call logging and station programming for ESI-600, IVX X-class, IVX E-Class and IVX S-Class systems via the NSP (Network Services Processor) that connects the IVX to the LAN. VIP Professional adds an enhanced GUI, text messaging and auto-record (for up to 16 VIP users). Seat licenses are available in increments of two, five, 25 and unlimited licenses packs.

The system does not offer an ACD capability or networking.

ESI's Presence Management Suite addresses door access control, employee presence indication and attendance logging. Radio Frequency Identification (RFID) Readers are located at doors and connected to digital telephone ports in the ESI IVX system, enabling automatic control of door locks based on day or time. Employee RFID electronic cards alert the ESI IVX system when an employee goes in or out of the building. This status is shown via a lighted DSS key on all telephones. In addition, the electronic card enables Personal Call Routing that controls telephone functions - upon leaving a building, calls can be automatically

An agent priority parameter determines from which logged-in queue calls are delivered first, while a priority override is programmable to ensure long-waiting callers are escalated. ESI recommends the use of ACD groups for multiple attendant configurations.

On-board integrated auto attendant/voice mail supports eight channels, 1,000 Guest Mailboxes, 84 station mailboxes and 140 storage hours (CompactFlash). Voice mail features include call record, call screening, Q&A mailboxes, cascade paging, off-premises message notification, off-premises reach me, Quick Groups, Quick Move, and Quick Page. The optional Visually Integrated Phone (VIP) communication management tool enables on-screen call control using Microsoft Outlook for managing voice mail, organizing contacts, simplifying phone usage, capturing inbound and outbound call history and easing station programming through an enhanced graphical user interface (GUI). VIP Professional adds an enhanced GUI, text messaging and auto-record (for up to 4 VIP users). Seat licenses are available in increments of two, five, 25, 100 and unlimited licenses packs. TAPI support is provided by the TAPI version of the 48-key Digital Feature Phone or the VIP option.

The ESI PC Attendant Console has a 200-button Virtual Button Display for access to stations, departments, speed dials and features. Automatic attendant queues are provided to minimize the length of time an incoming caller may ring. A held calls queue identifies each call on-hold throughout the system by name, Caller ID, tenant assignment, and line number.

An agent priority parameter determines from which logged-in queue calls are delivered first, while a priority override is programmable to ensure long-waiting callers are escalated. ESI recommends the use of ACD groups for multiple attendant configurations (maximum of 48 agents).

On-board integrated auto attendant/voice mail supports 16 or 24 channels, 1,000 Guest Mailboxes, 192 station mailboxes and 140 storage hours (CompactFlash) or 600 storage hours (Hard Disk Drive). Voice mail features include call record, call screening, Q&A mailboxes, cascade paging, off-premises message notification, off-premises reach me, Quick Groups, Quick Move, and Quick Page. The optional Visually Integrated Phone (VIP) communication management tool enables on-screen call control using Microsoft Outlook for managing voice mail, organizing contacts, simplifying phone usage, capturing inbound and outbound call history and easing station programming through an enhanced graphical user interface (GUI). VIP Professional adds an enhanced GUI, text messaging and auto-record (for up to 8 VIP users). Seat licenses are available in increments of two, five, 25, 100 and unlimited licenses packs. TAPI support is provided by the TAPI version of the 48-key Digital Feature Phone or the VIP option.

The ESI PC Attendant Console has a 200-button Virtual Button Display for access to stations, departments, speed dials and features. Automatic attendant queues are provided to minimize the length of time an incoming caller may ring. A held calls queue identifies each call on-hold throughout the system by name, Caller ID, tenant

An agent priority parameter determines from which logged-in queue calls are delivered first, while a priority override is programmable to ensure long-waiting callers are escalated. ESI recommends the use of ACD groups for multiple attendant configurations (maximum of 48 agents).

An integrated 32-port voice mail system with 6-level/100-branch auto attendant supports 408 user mailboxes, 1,000 guest mailboxes, and 73 special purpose mailboxes and 1,200 hours mailbox storage for a fully configured system. Voice mail features include call record, call screening, Q&A mailboxes, cascade paging, off-premises message notification, off-premises reach me, Quick Groups, Quick Move, and Quick Page. The optional Visually Integrated Phone (VIP) communication management tool enables on-screen call control using Microsoft Outlook for managing voice mail, organizing contacts, simplifying phone usage, capturing inbound and outbound call history and easing station programming through an enhanced graphical user interface (GUI). VIP Professional adds an enhanced GUI, text messaging and auto-record (for up to 16 VIP users). Seat licenses are available in increments of two, five, 25, 100 and unlimited licenses packs. TAPI support is provided by the TAPI version of the 48-key Digital Feature Phone or the VIP option.

The ESI PC Attendant Console has a 400-button Virtual Button Display for access to stations, departments, speed dials and features. Automatic attendant queues are provided to minimize the length of time an incoming caller may ring. A held calls queue identifies each call on-hold throughout the system by name, Caller ID, tenant

software, but requires a license to activate.

forwarded to an employee's cell phone, for example. The Time and Attendance Management Option records and automatically creates time sheets according to employee entrance and exit from a building.

For multi-site networking, Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems (IVX E-Class, IVX X-Class, or ESI Communications Server) into one IP-based system; transparent features include do not disturb, transfer, call forwarding, call park, directory, messaging, paging, and speed dialing. A Location Key on a phone can be set up for remote location dialing, or a three-digit location number can be used. The ESI-600 can house up to two 24-channel Esi-Link channels or two combination cards (12 IP stations and 12 Esi-Link channels) for a maximum of 48 Esi-Link channels.

ESI's Presence Management Suite addresses door access control, employee presence indication and attendance logging. Radio Frequency Identification (RFID) Readers are located at doors and connected to digital telephone ports in the ESI system, enabling automatic control of door locks based on day or time. Employee RFID electronic cards alert the ESI system when an employee goes in or out of the building. This status is shown via a lighted DSS key on all telephones. In addition, the electronic card enables Personal Call Routing that controls telephone functions - upon leaving a building, calls can be automatically forwarded to an employee's cell phone, for example. The optional TimeLine software uses TAMI records to create time sheets according to employee entrance and exit from a building.

assignment, and line number.

For multi-site networking, Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems (IVX E-Class, IVX X-Class, or ESI Communications Server) into one IP-based system; transparent features include do not disturb, transfer, call forwarding, call park, directory, messaging, paging, and speed dialing. A Location Key on a phone can be set up for remote location dialing, or a three-digit location number can be used. The ESI-600 can house up to two 24-channel Esi-Link channels or two combination cards (12 IP stations and 12 Esi-Link channels) for a maximum of 48 Esi-Link channels.

ESI's Presence Management Suite addresses door access control, employee presence indication and attendance logging. Radio Frequency Identification (RFID) Readers are located at doors and connected to digital telephone ports in the ESI system, enabling automatic control of door locks based on day or time. Employee RFID electronic cards alert the ESI system when an employee goes in or out of the building. This status is shown via a lighted DSS key on all telephones. In addition, the electronic card enables Personal Call Routing that controls telephone functions - upon leaving a building, calls can be automatically forwarded to an employee's cell phone, for example. The optional TimeLine software uses TAMI records to create time sheets according to employee entrance and exit from a building.

assignment, and line number.

For multi-site networking, Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems (IVX E-Class, IVX X-Class, or ESI Communications Server) into one IP-based system; transparent features include do not disturb, transfer, call forwarding, call park, directory, messaging, paging, and speed dialing. A Location Key on a phone can be set up for remote location dialing, or a three-digit location number can be used. The ESI-600 can house up to two 24-channel Esi-Link channels or two combination cards (12 IP stations and 12 Esi-Link channels) for a maximum of 48 Esi-Link channels.

ESI's Presence Management Suite addresses door access control, employee presence indication and attendance logging. Radio Frequency Identification (RFID) Readers are located at doors and connected to digital telephone ports in the ESI system, enabling automatic control of door locks based on day or time. Employee RFID electronic cards alert the ESI system when an employee goes in or out of the building. This status is shown via a lighted DSS key on all telephones. In addition, the electronic card enables Personal Call Routing that controls telephone functions - upon leaving a building, calls can be automatically forwarded to an employee's cell phone, for example. The optional TimeLine software uses TAMI records to create time sheets according to employee entrance and exit from a building.

STATION FEATURES					
Abbr./Speed Dialing	S	S	S	S	S
· Max. Speed Dial No.	10	100	100	100	100
· Max. Dig/Speed No.	24	30	24	24	24
Automatic Busy Redial	S	NA	NA	NA	NA
· Max. No. of Attempts	256	-	-	-	-
Automatic Hold Recall	S	S	S	S	S
Auto. Line Prefer.	S	S	S	S	S
Bridging	S	S	S	S	S
Busy Override	S (barge in)	NA	NA	NA	NA
Call Coverage	S	S	S	S	S
Call Duration					
· (Signal)	NA	NA	NA	NA	NA
· (Display)	S	S	S	S	S
Call Forward					
· (Busy)	S	S	S	S	S
· (No Answer)	S	S	S	S	S
· (All Calls)	S	S	S	S	S
· (Fixed) (Preset Dest)	S	S	S	S	S
· (Var) UserSelDest.	S	S	S	S	S
· (w/Ovr/Return)	S	O (via Presence Management)	NA	NA	NA
· (Off-Premise)	S	S	S	S	S
· (Remote/Follow Me)	S	S	S	S	S
Call Park	S	S	S	S	S
Call Park (with Recall)	S	S	S	S	S
Call Pickup					
· (Directed)	S	O	O	O	O
· (Group)	S	NA	O	O	O
· No. of Groups	64	-	10	20	64
Call Transfer	S	S	S	S	S
Camp On/Call Waiting	S	S	S	S	S
Conference	S	S	S	S	S
· Add-On (3-party)	S	S	S	S	S
· Multi-party (4 or more)	S	S	S	S	S
· Max No. of Parties	2 to 32	4 (2 simult. conf.)	16 (max. 16 channels)	16 (max. 24 channels)	16 (max. 64 channels)

· Max Out. Part./Trks	2 to 32	3	15	15	15
· Meet-Me Conferencing	S (2 to 32)	NA	NA	NA	NA
Direct Group Calling	S	S	S	S	S
Directory (LCD)	S	S	S	S	S
Do Not Disturb	S	S	S	S	S
DND w/ Override	S	NA	NA	NA	NA
· by Attendant	S	NA	NA	NA	NA
· by Secretary	S	NA	NA	NA	NA
· by Station	S	NA	NA	NA	NA
Exec. Ovr. of Priv	S (barge in)	NA	NA	NA	NA
Flexible Station No.	S	NA	S	S	S
· No. Digits (Min)	2	3	3	3	3
· No. Digits (Max)	8	3	4	4	4
Handsfree Ansback Int.	S	S	S	S	S
Hold					
· (Exclusive)	S	S	S	S	S
· (System)	S	S	S	S	S
I-Hold Indication	S	NA	NA	NA	NA
I-Use Indication	S	NA	NA	NA	NA
Incoming Call Groups	S	S	S	S	S
Int. Paging thru Phones	S	S	S	S	S
· Max. No. Group/Zones	64	4	8	8	8
Manual Signaling	S	NA	NA	NA	NA
Multilingual Display	S	NA	NA	NA	NA
· Languages Supported	14	-	-	-	-
Off-Hook Voice Annc.	S	S	S	S	S
Personalized Ringing	S	S	S	S	S
· No. Different Rings	8	6	6	6	6
Pwr. Fail Transf. Phone	S	NA	NA	NA	NA
· Max. No. of Phones	30	-	-	-	-
Privacy	S	INA	S	S	S
Privacy Rls. (Bridging)	S	S	S	S	S
Repeat Last No. Dialed	S	S	S	S	S
Ringin Line Preference	S	S	NA	NA	NA
Saved Number Redial	S	NA	NA	NA	NA

<b>Station Hunting</b>						
· (Circular)	S	NA	NA	NA	NA	NA
· (Terminal)	NA	S	S	S	S	S
· (Secretarial) (Comb.)	NA	NA	NA	NA	NA	NA
· (Master/Pilot Number)	S	S	S	S	S	S
· (Dist, UCD-type)	S	S	S	S	S	S
· (No. Hunt Groups)	64	10	10	20	20 or 64	20 or 64
· (No. St./Hunt Gr)	512	32	32	48	48 or 64	48 or 64
Station Que w/ Callback	S	NA	NA	NA	NA	NA
Trunk Que w/ Callback	S	S	S	S	S	S
Vol. Ctrl. (Speak/Ring)	S	S	S	S	S	S
Vol. Ctrl. (Microphone)	NA	NA	S (headset only)	S (headset only)	S (headset only)	S (headset only)
<b>SYSTEM ADMINISTRATION</b>						
<b>User Programmable</b>						
· (via Sta. Set or DSS Con.)	S	S	S	S	S	S
· (via Attendant Console)	S	S	S	S	S	S
· (via RS-232C Comp. Dev.)	USB	S	S	S	S	S
· (via PC)	S	S	S	S	S	S
Menu-Driven	S	NA	S	S	S	S
Command Mnemonic Codes Used	S	S	S	S	S	S
Plain English Format	S	S	S	S	S	S
Prompts, Help, Error Msgs	S	S	S	S	S	S
Printout Available	S	S	S	S	S	S
Online Programming Changes	S	S	S	S	S	S
Offline Programming Change	S	S	S	S	S	S
<b>Customer Database Storage</b>						
· (RAM Chips)	NA	NA	NA	NA	NA	NA
· (EPROM)	NA	NA	NA	NA	NA	NA

· (FLASH Memory)	S	S (4-port VM/IAM)	S	O	NA
· (Floppy Disk)	NA	NA	NA	NA	NA
· (Hard Drive)	NA	S (6-port VM)	NA	S	S
· (Tape)	NA	NA	NA	NA	NA
Default Database Offered	S	S	S	S	S
Remote Programming/Maint.	S	S	S	S	S
· (Modem - Remote Access)	O	S	S	S	S
System Administration Notes:	<p>System administration can be performed via Web-based programming on-site or over the Internet. Off-line programming and remote access require special PC software. PC software is included with the system (PC hardware is purchased separately).</p> <p>End user programming enables users to configure their own desktop terminal.</p>	<p>The system includes a built-in 33.6 Kbps modem for remote programming/maintenance and software uploads. A Windows-based PC application for programming is included. An optional NSP (Network Services Processor) is available for WAN programming and maintenance.</p>	<p>The system is equipped with a built-in 33.6 Kbps modem for remote access. ESI System Programmer and ESI System Administrator Windows-based software (included) provides menu-driven programming and on-site or remote backup and restore capabilities. An NSP (Network Services Processor) is built-in for WAN programming and maintenance.</p>	<p>The system is equipped with a built-in 33.6 Kbps modem for remote access. ESI System Programmer and ESI System Administrator Windows-based software (included) provides menu-driven programming and on-site or remote backup and restore capabilities. An NSP (Network Services Processor) is built-in for WAN programming and maintenance.</p>	<p>The system is equipped with a built-in 33.6 Kbps modem for remote access. ESI System Programmer and ESI System Administrator Windows-based software (included) provides menu-driven programming and on-site or remote backup and restore capabilities. An NSP (Network Services Processor) is built-in for WAN programming and maintenance.</p>
<b>STATION EQUIPMENT:</b>					
Analog 500-type sets supported:	Yes	No	No	No	No
Analog 2500-type sets supported:	Yes	Yes	Yes	Yes	Yes
Proprietary Electronic sets supported:	No	No	No	No	No
Digital Telephones:	Yes	Yes	Yes	Yes	Yes
Digital Telephone Notes:	<p>UX Digital Series, Enhanced and Value models: DG-32e, DG-24e, DG-12e, DG-6v, DG-2v (no display). DG-12/24/32 (168 x 55 pixel display, four soft keys; backlit display is optional); DG-6v (3 x 24 dot pixel display, four soft keys).</p> <p>Aspire digital phones are also supported: 34-Button Super Display (9-line x 24-character LCD, 12 soft keys, 24 programmable keys, 15 fixed keys, built-in speakerphone); 34-Button Display (3-line x 24-character LCD, 4 soft keys, 24 programmable keys, 15 fixed keys, built-in</p>	<p>Three digital phone models are offered, as follows: 48-Key (3-line x 56-character LCD, 30 programmable keys, 17 fixed keys, speaker, status indicator lamp); 24-Key (2-line x 32-character LCD, 12 programmable keys, 12 fixed keys, speaker, status indicator lamp); 12-Key (1-line x 16-character LCD, 9 programmable keys, 3 fixed keys, speaker). Two digital cordless phones are also available; the smaller digital cordless employs 900 MHz narrow-band technology, while the larger cordless uses spread-spectrum for greater transmission range.</p>	<p>Three digital phone models are offered, as follows: 48-Key (3-line x 56-character LCD, 30 programmable keys, 17 fixed keys, speaker, status indicator lamp; optional TAPI Phone version available); 24-Key (2-line x 32-character LCD, 12 programmable keys, 12 fixed keys, speaker, status indicator lamp); 12-Key (1-line x 16-character LCD, 9 programmable keys, 3 fixed keys, speaker). Two digital cordless phones are also available; the smaller digital cordless employs 900 MHz narrow-band technology,</p>	<p>Three digital phone models are offered, as follows: 48-Key (3-line x 56-character LCD, 30 programmable keys, 17 fixed keys, speaker, status indicator lamp; optional TAPI Phone version available); 24-Key (2-line x 32-character LCD, 12 programmable keys, 12 fixed keys, speaker, status indicator lamp); 12-Key (1-line x 16-character LCD, 9 programmable keys, 3 fixed keys, speaker). Two digital cordless phones are also available; the smaller digital cordless employs 900 MHz narrow-band technology,</p>	<p>Three digital phone models are offered, as follows: 48-Key (3-line x 56-character LCD, 30 programmable keys, 17 fixed keys, speaker, status indicator lamp; optional TAPI Phone version available); 24-Key (2-line x 32-character LCD, 12 programmable keys, 12 fixed keys, speaker, status indicator lamp); 12-Key (1-line x 16-character LCD, 9 programmable keys, 3 fixed keys, speaker). Two digital cordless phones are also available; the smaller digital cordless employs 900 MHz narrow-band technology,</p>

	<p>speakerphone); 22-Button Display (3-line x 24-character LCD, 4 soft keys, 12 function/programmable keys, 15 fixed keys, built-in speakerphone); 22-Button Standard (no display, 4 soft keys, 12 function/programmable keys, 15 fixed keys, built-in speakerphone); 2-Button (11 fixed, no display, built-in speakerphone). All models accept the 110-Button DSS and most accept the 24-Button DSS (except the 2-Button). The system also supports the DTR-4R-1 Cordless II 900 MHz spread spectrum digital phone (4 programmable keys and display).</p>	<p>The system also supports the original IVX Digital Feature Phone with 16 programmable keys, 8 fixed keys, speakerphone, call record, and 2-line x 16-character display.</p>	<p>while the larger cordless uses spread-spectrum for greater transmission range.</p>	<p>while the larger cordless uses spread-spectrum for greater transmission range.</p>	<p>while the larger cordless uses spread-spectrum for greater transmission range.</p>
<b>IP Telephones:</b>	Yes	No	Yes	Yes	Yes
<b>IP Telephone Notes:</b>	<p>UX IP Series, Enhanced and Value models: IP-CTS (color touch screen), IP-32e, IP-24e, IP-12e, iP-6v, IP-2v. IP-12e/24e/32e (224 x 96 pixel XML display with backlighting); IP-32e has an additional 224 x 96 dot matrix display for lines; IP-CTS (5.7-inch TFT QVGA 16-bit Color with Backlit Touch Panel); IP-6V (3 x 28 pixel display). All IP terminals include a 10/100 switch, and all display terminals have four softkeys.</p> <p>Third party SIP telephones are also supported.</p>		<p>The 48-Key IP Feature Phone II has 30 programmable keys, 17 fixed keys, speakerphone, 3-line x 56-character display, and tri-colored LEDs; phone is equipped with a Power over Ethernet connection and uses G.726 compression in remote mode or G.711 in local mode). ESI also offers the ESI Cordless IP Phone and Remote Cordless IP Phone; the smaller IP cordless employs 900 MHz narrow-band technology, while the larger IP cordless uses spread-spectrum for greater transmission range.</p> <p>SIP support allows connection of third-party SIP telephones (requires IVC 24R card).</p>	<p>The 48-Key IP Feature Phone II has 30 programmable keys, 17 fixed keys, speakerphone, 3-line x 56-character display, and tri-colored LEDs; phone is equipped with a Power over Ethernet connection and uses G.726 compression in remote mode or G.711 in local mode). ESI also offers the ESI Cordless IP Phone and Remote Cordless IP Phone; the smaller IP cordless employs 900 MHz narrow-band technology, while the larger IP cordless uses spread-spectrum for greater transmission range.</p> <p>SIP support allows connection of third-party SIP telephones (requires IVC 24R card).</p>	<p>The 48-Key IP Feature Phone II has 30 programmable keys, 17 fixed keys, speakerphone, 3-line x 56-character display, and tri-colored LEDs; phone is equipped with a Power over Ethernet connection and uses G.726 compression in remote mode or G.711 in local mode). ESI also offers the ESI Cordless IP Phone and Remote Cordless IP Phone; the smaller IP cordless employs 900 MHz narrow-band technology, while the larger IP cordless uses spread-spectrum for greater transmission range.</p> <p>SIP support allows connection of third-party SIP telephones (requires IVC 24R card).</p>
<b>DSS/BLF CONSOLE SUPPORTED:</b>	<p>A 60-button DSS/BLF console (maximum of 32 per system; one extension can support 32 consoles) is available that is equipped with 60 flexibly assigned keys (which can also be programmed for feature access). A 16-button DSS/BLF console is also available which provides 16 programmable keys (maximum 256 per system; each extension can have only one 16-Button console attached). Or,</p> <p>Aspire 110 and 24 Button DSS/BLF consoles can be used.</p>	<p>A 60-Key Console connects to the 48-Key digital phone, providing a total of 90 keys to show the status of all programmed extensions. Alternatively, programmable keys on a digital phone can provide direct access to stations and provide lamp information as to their status.</p>	<p>A 60-Key Console connects to the 48-Key digital phone (up to 80 consoles) to show the status of all programmed extensions. A second 60-key console may be added for additional programmable keys. The second console connected to any station uses an AC power adapter (included) to eliminate the need to allocate a second digital station port. Alternatively, programmable keys on a digital phone can provide direct access to stations and provide lamp information as to their status.</p>	<p>A 60-Key Console connects to the 48-Key digital phone (up to 80 consoles) to show the status of all programmed extensions. A second 60-key console may be added for additional programmable keys. The second console connected to any station uses an AC power adapter (included) to eliminate the need to allocate a second digital station port. Alternatively, programmable keys on a digital phone can provide direct access to stations and provide lamp information as to their status.</p>	<p>A 60-Key Console connects to the 48-Key digital phone (up to 80 consoles) to show the status of all programmed extensions. A second 60-key console may be added for additional programmable keys. The second console connected to any station uses an AC power adapter (included) to eliminate the need to allocate a second digital station port. Alternatively, programmable keys on a digital phone can provide direct access to stations and provide lamp information as to their status.</p>

<b>ATTENDANT POSITION:</b>	A PC-based attendant has multiple tabs of DSS/BLF keys that can be programmed for viewing extension status; Quick Messaging sends messages to client desktops if calls are waiting (up to eight attendants can be assigned).	ESI's PC Attendant Console (available for ESI-600, IVX X-Class IVX E-Class Generation II or IVX-S-Class Generation II systems) has a 200-button Virtual Button Window for access to stations, departments, speed dials and features. Or, the attendant can use a 48-Key digital phone with a 60-Key Console, providing a total of 90 keys to show the status of all programmed extensions. Or a 12-Key or 24-Key digital phone can be used; programmable keys can provide direct access to stations and provide lamp information as to their status.	ESI's VIP PC Attendant Console (available for ESI Communications Servers, IVX X-Class IVX E-Class Generation II or IVX-S-Class Generation II systems) has a 200-button Virtual Button Window for access to stations, departments, speed dials and features. Or, the attendant can use a 48-Key digital phone with a 60-Key Console to show the status of all programmed extensions. Or a 12-Key or 24-Key digital phone can be used; programmable keys can provide direct access to stations and provide lamp information as to their status.	ESI's VIP PC Attendant Console (available for ESI Communications Servers, IVX X-Class IVX E-Class Generation II or IVX-S-Class Generation II systems) has a 200-button Virtual Button Window for access to stations, departments, speed dials and features. Or, the attendant can use a 48-Key digital phone with a 60-Key Console to show the status of all programmed extensions. Or a 12-Key or 24-Key digital phone can be used; programmable keys can provide direct access to stations and provide lamp information as to their status.	ESI's VIP PC Attendant Console (available for ESI Communications Servers, IVX X-Class IVX E-Class Generation II or IVX-S-Class Generation II systems) has a 400-button Virtual Button Window for access to stations, departments, speed dials and features. Or, the attendant can use a 48-Key digital phone with a 60-Key Console to show the status of all programmed extensions. Or a 12-Key or 24-Key digital phone can be used; programmable keys can provide direct access to stations and provide lamp information as to their status.
<b>COMPATIBILITY:</b>					
<b>Circuit cards:</b>	Circuit cards are not compatible with other NEC or i-Series systems.	IVX 56s cards are not compatible with larger IVX systems.	E2-series Circuit cards are compatible with other E-Class, X-Class or ESI Communications Servers (except CS port cards are not supported by ESI-100).	E2-series Circuit cards are compatible with other E-Class, X-Class or ESI Communications Servers (except CS port cards are not supported by ESI-100).	E2-series Circuit cards are compatible with other E-Class, X-Class or ESI Communications Servers (except CS port cards are not supported by ESI-100).
<b>Telephone equipment:</b>	Aspire TDM telephones are compatible with UX5000 systems.	Digital phones are compatible with all IVX systems.	Digital Feature Phones are compatible with all other ESI systems.	Digital Feature Phones are compatible with all other ESI systems.	Digital Feature Phones are compatible with all other ESI systems.
<b>Wiring plan:</b>	Digital telephone wiring is compatible with the Aspire platform.	Wiring is compatible with larger IVX systems.	Wiring is compatible across IVX systems.	Wiring is compatible across IVX systems.	Wiring is compatible across IVX systems.
<b>AVERAGE COST:</b>	Not disclosed by NEC	determined by reseller	determined by reseller	determined by reseller	determined by reseller
<b>STRENGTHS:</b>	<p>1. NEC's UX5000 Communication Server is an IP-based platform that offers scalability, VoIP and traditional voice support, centralized management and productivity features for small and medium businesses (SMBs). UX5000 supports 512 stations and includes a range of applications that are available as a card option or are easily activated by licenses. Most licenses are available for a 60 day free trial period.</p> <p>2. The UX5000 offers a forward-looking alternative to NEC's earlier Aspire Key Telephone System, supporting Aspire TDM telephones and networking among UX5000 and</p>	<p>1. IVX S-Class Generation II (IVX 56s) replaces IVX 42s and offers a 33% capacity increase over the earlier IVX 42s systems (from 24 to 32 digital stations). The system includes built-in voice mail/auto attendant (4 ports/32 mailboxes/2 storage hours or 6 ports/32 mailboxes/30 storage hours).</p> <p>2. The built-in voice mail capability includes some more advanced features such as call record, call screening, off-premises 'reach me,' and external message notification. Voice mail options also come with an 18-branch auto attendant for call routing, off-premises transfer, cell phone/pager transfer and trunk-to-trunk transfer. The built-in voice</p>	<p>1. The ESI-100 Communication Server is the smallest system offered in ESI's Communication Server family, targeting businesses that need up to 84 digital or IP stations in a single location with additional capacity by networking up to 100 systems. ESI-100 is a compact, wall-mounted system with one Base Cabinet and one optional Expansion Cabinet. The Base Cabinet includes the main board, Memory Module, two port card slots and an external wall-mounted power supply. The Expansion Cabinet houses two port card slots.</p>	<p>1. The ESI-200 Communications Server targets small or mid-sized business that need up to 190 digital or IP stations in a single location with additional capacity by networking up to 100 systems. ESI-200 is a compact, wall or rack-mounted system with one Base Cabinet and one optional Expansion Cabinet and includes an on-board integrated auto attendant/voice mail that supports 16 or 24 channels, 1,000 Guest Mailboxes, 192 station mailboxes and 140 storage hours (CompactFlash) or 600 storage hours (Hard Disk)</p>	<p>1. The ESI-600 Communications Server targets larger offices or multi-site customers with 250-300 employees, but scales to 408 IP stations or 336 digital stations in a single location with additional capacity by networking up to 100 systems. ESI-600 is a compact, rack-mounted system with one Main Cabinet and three Expansion Cabinets and includes an on-board integrated 32-port voice mail system with 6-level/100-branch auto attendant. (The built-in voice mail capability does not reduce the number of available call</p>

<p>Aspire platforms.</p> <p>3. The UX IP Series phones are SIP compatible and include XML support, intuitive interfaces menu-driven soft keys. UX5000 also supports TDM devices such as Aspire telephones.</p> <p>4. Optional integrated voice mail/auto attendant cards are available: UX Mail or UX IntraMail with Compact Flash Memory. Voice mail cards begin at four ports and expand by licensing, so no additional hardware is needed. UX Mail includes 10 seats of unified messaging (standard) and expands to 200 seats. (The system is also compatible with NEC's analog NVM-Series voice mail/auto attendant platforms.)</p> <p>5. CygniLink (a licensed option) offers a fully transparent networking option for up to 15 nodes (up to the maximum system size of 200 trunks and 512 stations). AspireNet (a licensed option) can provide networking to Aspire systems, or used to support more than 15 nodes or when total system size exceeds 200 trunks and 512 stations. (AspireNet supports the more limited feature package of the Aspire.)</p> <p>6. ACD (a licensed option) supports 64 ACD groups for call distribution to agents, call queuing, reporting, optional PC-based supervisor software for scheduling and/or optional Windows-based software to add real-time statistics, wall board display and configurable reports.</p> <p>7. The CPU includes two blocks of 32 conference circuits for internal or external parties; one extension can conference 31 parties. Meet-Me conferencing can be set up for 32 parties (each party joins by dialing a code).</p> <p>8. System administration can be performed via Web-based programming on-site or over the Internet; PC software is included with the system (PC hardware is</p>	<p>mail capability does not reduce the number of available call processing ports.</p> <p>3. The system displays a caller's name and number information with each call, stores it with each voice mail and allows for single touch transfer to speed dial.</p> <p>4. Unified messaging is enabled by the VIP option; the 'Visually Integrated Phone' (VIP) communication management tool enables on-screen call control using Microsoft Outlook, as well as unified messaging, contact management, call logging and station programming for ESI-600, IVX X-class, IVX E-Class and IVX S-Class systems via the NSP (Network Services Processor) that connects the IVX to the LAN. Seat licenses are available in increments of five up to 100 seats or unlimited.</p> <p>5. Three digital phone models, a 12-Key, a 24-Key or a 48-Key, are available that include a display and speaker; a 60-Key Console can be connected to the 48-Key digital phone for operator functionality. Two cordless models are also available.</p> <p>6. Like all ESI systems, the 56s has one-button spoken help feature with a system tutorial and verbal user guide for feature programming and operation. The help key can be used while on a call for conferencing, transferring and more.</p> <p>7. Esi-Dex speed dial stores an estimated 8,000 entries shared among stations; however, ESI recommends 100 entries per user for personal speed dial.</p> <p>8. Addressing productivity and security for smaller businesses, ESI offers the Presence Management Suite for door access control, employee presence indication and attendance logging.</p>	<p>2. All ESI Communications Servers include built-in voice mail, auto attendant and ACD with options for advanced applications such as unified messaging and VoIP (requires port card and licenses).</p> <p>3. On-board integrated auto attendant/voice mail supports eight channels, 1,000 Guest Mailboxes, 84 station mailboxes and 140 storage hours (CompactFlash).</p> <p>4. Unified messaging is enabled by the VIP option; the Visually Integrated Phone (VIP) communication management tool enables on-screen call control using Microsoft Outlook, as well as unified messaging, contact management, call logging and station programming for ESI-600, IVX X-class, IVX E-Class and IVX S-Class systems via the NSP (Network Services Processor) that connects the IVX to the LAN. Seat licenses are available in increments of five up to 100 seats or unlimited.</p> <p>5. Telephony options include analog, digital or IP telephones. Two ESI Cordless Handsets are available in digital or IP (local or remote) versions. The 48-key IP Feature Phone II operates with the converged architecture of the ESI-600 (either in-house LAN installations or remote broadband deployments) and supports Power over Ethernet as a standard feature, but also ships with an AC power adapter.</p> <p>6. ESI-100 can be IP-enabled by adding VoIP cards for IP stations and/or Esi-Link channels. Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems into one IP-based</p>	<p>Drive). (The built-in voice mail capability does not reduce the number of available call processing ports.)</p> <p>2. All ESI Communications Servers include built-in voice mail, auto attendant and ACD with options for advanced applications such as unified messaging and VoIP (requires port card and licenses).</p> <p>3. An optional Mirrored Memory Module provides real-time back-up of system programming data and voice messages (RAID-1 redundancy technology); when the main Hard Disk Driver senses a drive failure, it automatically switches to the mirrored drive.</p> <p>4. Unified messaging is enabled by the VIP option; the Visually Integrated Phone (VIP) communication management tool enables on-screen call control using Microsoft Outlook, as well as unified messaging, contact management, call logging and station programming for ESI-600, IVX X-class, IVX E-Class and IVX S-Class systems via the NSP (Network Services Processor) that connects the IVX to the LAN. Seat licenses are available in increments of five up to 100 seats or unlimited.</p> <p>5. Telephony options include analog, digital or IP telephones. Two ESI Cordless Handsets are available in digital or IP (local or remote) versions. The 48-key IP Feature Phone II operates with the converged architecture of the ESI-600 (either in-house LAN installations or remote broadband deployments) and supports Power over Ethernet as a standard feature, but also ships with an AC power adapter.</p> <p>6. ESI-200 can be IP-enabled</p>	<p>processing ports.)</p> <p>2. All ESI Communications Servers include built-in voice mail, auto attendant and ACD with options for advanced applications such as unified messaging and VoIP (requires port card and licenses).</p> <p>3. An optional Mirrored Memory Module provides real-time back-up of system programming data and voice messages (RAID-1 redundancy technology); when the main Hard Disk Driver senses a drive failure, it automatically switches to the mirrored drive.</p> <p>4. Unified messaging is enabled by the VIP option; the Visually Integrated Phone (VIP) communication management tool enables on-screen call control using Microsoft Outlook, as well as unified messaging, contact management, call logging and station programming for ESI-600, IVX X-class, IVX E-Class and IVX S-Class systems via the NSP (Network Services Processor) that connects the IVX to the LAN. Seat licenses are available in increments of five up to 100 seats or unlimited.</p> <p>5. Telephony options include analog, digital or IP telephones. Two ESI Cordless Handsets are available in digital or IP (local or remote) versions. The 48-key IP Feature Phone II operates with the converged architecture of the ESI-600 (either in-house LAN installations or remote broadband deployments) and supports Power over Ethernet as a standard feature, but also ships with an AC power adapter.</p> <p>6. ESI-600 can be IP-enabled by adding VoIP cards for IP stations and/or Esi-Link channels. Esi-Link technology</p>
--	--	--	---	---

purchased separately).

9. For mobile users, the UX5000 system supports a Mobile Extension that allows the use of a cell phone as an extension of the system. The user forwards their extension to the cell phone, and calls not answered can be sent to to either the cell phone voice mail or office phone voice mail. Users can also dial their DID from the cell phone to get internal dial tone and make intercom calls to another station. In addition, mobile users can take advantage of an 8-button Wi-Fi handset, and IP DECT handset or an 8-button cordless DECT set. A Bluetooth handset or Bluetooth module can be added to an enhanced terminal for local mobility.

system.

7. Esi-Dex speed dial stores an estimated 8,000 entries shared among stations; however, ESI recommends 100 entries per user for personal speed dial.

8. The system displays the caller's name and number information with each call, stores it with each voice mail and allows for single touch transfer to speed dial. The Intelligent Call Forwarding feature enables Caller ID data to display for forwarded calls to outside phones such as cellular phones or answering services.

9. Like all ESI systems, the ESI-600 has a one-button spoken help feature with a system tutorial and verbal user guide for feature programming and operation. The help key can be used while on a call to execute conferences, transfers and more.

10. The system has a standard ACD capability, including a built-in service observing feature.

11. Addressing productivity and security for smaller businesses, ESI offers the Presence Management Suite for door access control, employee presence indication and attendance logging.

by adding VoIP cards for IP stations and/or Esi-Link channels. Esi-Link technology uses the WAN or the Internet to network up to 100 ESI phone systems into one IP-based system.

7. Esi-Dex speed dial stores an estimated 8,000 entries shared among stations; however, ESI recommends 100 entries per user for personal speed dial.

8. The system displays the caller's name and number information with each call, stores it with each voice mail and allows for single touch transfer to speed dial. The Intelligent Call Forwarding feature enables Caller ID data to display for forwarded calls to outside phones such as cellular phones or answering services.

9. Like all ESI systems, the ESI-600 has a one-button spoken help feature with a system tutorial and verbal user guide for feature programming and operation. The help key can be used while on a call to execute conferences, transfers and more.

10. The system has a standard ACD capability, including a built-in service observing feature.

11. Addressing productivity and security for smaller businesses, ESI offers the Presence Management Suite for door access control, employee presence indication and attendance logging.

uses the WAN or the Internet to network up to 100 ESI phone systems into one IP-based system.

7. Esi-Dex speed dial stores an estimated 8,000 entries shared among stations; however, ESI recommends 100 entries per user for personal speed dial.

8. The system displays the caller's name and number information with each call, stores it with each voice mail and allows for single touch transfer to speed dial. The Intelligent Call Forwarding feature enables Caller ID data to display for forwarded calls to outside phones such as cellular phones or answering services.

9. Like all ESI systems, the ESI-600 has a one-button spoken help feature with a system tutorial and verbal user guide for feature programming and operation. The help key can be used while on a call to execute conferences, transfers and more.

10. The system has a standard ACD capability, including a built-in service observing feature.

11. Addressing productivity and security for smaller businesses, ESI offers the Presence Management Suite for door access control, employee presence indication and attendance logging.

**CAUTIONS:**

1. Circuit cards are not compatible with other NEC or i-Series systems.

2. QSIG networking is not supported to inter-connect systems from other

1. The system does not support some more advanced telephony features such as ACD or IP telephony; however, larger IVX models offer these capabilities.

2. The system does not support some typical telephone systems features,

1. The system does not support some typical telephone system features, including Background Music, Class of Service and Least Cost Routing and uniform dialing in a networked configuration. And, some add-

1. The system does not support some typical telephone system features, including Background Music, Class of Service and Least Cost Routing and uniform dialing in a networked configuration. And, some add-

1. The system does not support some typical telephone system features, including Background Music, Class of Service and Least Cost Routing and uniform dialing in a networked configuration. And, some add-

<p>manufacturers.</p> <p>3. While networking using CygniLink (a licensed option) enables full feature transparency among UX5000 systems, this option is limited to 15 nodes or up to the maximum system size of 200 trunks and 512 stations. Networking of more than 15 nodes or larger total system size requires AspireNet which is more limited in features. Also note, at the initial release, in-skin centralized voice mail is not supported by AspireNet.</p>	<p>including Authorization Codes, Automatic Route Selection, Background Music, Class of Service or E911; however, this is an entry-level phone system, and other ESI systems support some of these features.</p> <p>3. The system is available only in North America; numerous competing systems are available worldwide, supporting businesses with offices in other regions.</p> <p>4. The operating system is proprietary. Many forward-looking systems are using the Linux operating system, a standard, open and secure operating system that is considered stable and well-suited for processor-intensive applications.</p>	<p>on packages supported on competing systems are not available such as Call Accounting, IVR and hospitality.</p> <p>2. The system does not offer a multilingual capability; however, the system is sold in North America only. Numerous competing systems are available worldwide, supporting businesses with offices in other regions.</p> <p>3. The operating system is proprietary. Many forward-looking systems are using the Linux operating system, a standard, open and secure operating system that is considered stable and well-suited for processor-intensive applications.</p> <p>4. The ESI IP Feature Phone II does not work with ESI's IP E-Class or IVX systems, and the earlier IP Feature Phone does not work with the newer ESI Communications Servers.</p> <p>5. The customer may want to consider that the Expansion Cabinet is the same for ESI-600 and ESI-1000; however, ESI-100 and ESI-200 have their own unique Expansion Cabinets.</p> <p>6. ESI-100 does not use CS port cards which have built-in hot swap capability and easy install/uninstall mechanism (ESI-200, ESI-600 and ESI-1000 do support the CS cards).</p> <p>7. ESI-100 offers no redundancy; however, other Communications Server models support a Mirrored Memory Module.</p>	<p>on packages supported on competing systems are not available such as Call Accounting, IVR and hospitality.</p> <p>2. The system does not offer a multilingual capability; however, the system is sold in North America only. Numerous competing systems are available worldwide, supporting businesses with offices in other regions.</p> <p>3. The operating system is proprietary. Many forward-looking systems are using the Linux operating system, a standard, open and secure operating system that is considered stable and well-suited for processor-intensive applications.</p> <p>4. The ESI IP Feature Phone II does not work with ESI's IP E-Class or IVX systems, and the earlier IP Feature Phone does not work with the newer ESI Communications Servers.</p> <p>5. The customer may want to consider that the Expansion Cabinet is the same for ESI-600 and ESI-1000; however, ESI-100 and ESI-200 have their own unique Expansion Cabinets.</p>	<p>on packages supported on competing systems are not available such as Call Accounting, IVR and hospitality.</p> <p>2. The system does not offer a multilingual capability; however, the system is sold in North America only. Numerous competing systems are available worldwide, supporting businesses with offices in other regions.</p> <p>3. The operating system is proprietary. Many forward-looking systems are using the Linux operating system, a standard, open and secure operating system that is considered stable and well-suited for processor-intensive applications.</p> <p>4. The ESI IP Feature Phone II does not work with ESI's IP E-Class or IVX systems, and the earlier IP Feature Phone does not work with the newer ESI Communications Servers.</p> <p>5. The customer may want to consider that the Expansion Cabinet is the same for ESI-600 and ESI-1000; however, ESI-100 and ESI-200 have their own unique Expansion Cabinets.</p>
<p>1. The UX5000 supports optional batteries for short term (10 minute) battery backup and an external battery backup unit for long term (four</p>	<p>1. Earlier IVX models can be upgraded to the newer IVX 56s; customers can retain IVX Digital Feature Phones and wiring.</p>	<p>1. The system has a standard one-year warranty (ESI offers an optional Five-Year Extended Warranty with advanced</p>	<p>1. The system has a standard one-year warranty (ESI offers an optional Five-Year Extended Warranty with advanced</p>	<p>1. The system has a standard one-year warranty (ESI offers an optional Five-Year Extended Warranty with advanced</p>

**GENERAL COMMENTS:**

	hours).	<p>2. The Integrated Answering Machine (IAM) configuration was discontinued in 2007.</p> <p>3. IVX has a standard one-year warranty (ESI offers an optional Five-Year Extended Warranty with advanced replacement for its C-Class, E-Class, S-Class, X-Class systems and ESI Communications Server series; note that E-Class and X-Class systems were discontinued in 2007).</p>	<p>replacement for its E-Class, S-Class and X-class and Communication Server systems; note that E-Class and X-Class systems were discontinued in 2007).</p> <p>2. ESI's family of communications servers expands the range of platforms and capabilities available for customers from small, single-site businesses to larger, multi-site enterprises. The ESI Communication Servers offer varying levels of capacity, as well as flexibility in the mix of digital and IP technologies to best meet a customer's specific business needs. Four server platforms are available: the compact ESI-100 Communications Server (up to 84 digital or IP stations), the ESI-200 which targets small or mid-sized business (190 digital or IP stations), the ESI-600 introduced in 2006 for larger offices or multi-site customers (408 digital or IP stations) and ESI's largest platform to date, the ESI-1000 with data redundancy to satisfy larger enterprise needs (816 digital or IP stations).</p>	<p>replacement for its E-Class, S-Class and X-class and Communication Server systems; note that E-Class and X-Class systems were discontinued in 2007).</p> <p>2. ESI's family of communications servers expands the range of platforms and capabilities available for customers from small, single-site businesses to larger, multi-site enterprises. The ESI Communication Servers offer varying levels of capacity, as well as flexibility in the mix of digital and IP technologies to best meet a customer's specific business needs. Four server platforms are available: the compact ESI-100 Communications Server (up to 84 digital or IP stations), the ESI-200 which targets small or mid-sized business (190 digital or IP stations), the ESI-600 introduced in 2006 for larger offices or multi-site customers (408 digital or IP stations) and ESI's largest platform to date, the ESI-1000 with data redundancy to satisfy larger enterprise needs (816 digital or IP stations).</p>	<p>replacement for its E-Class, S-Class and X-class and Communication Server systems; note that E-Class and X-Class systems were discontinued in 2007).</p> <p>2. ESI's family of communications servers expands the range of platforms and capabilities available for customers from small, single-site businesses to larger, multi-site enterprises. The ESI Communication Servers offer varying levels of capacity, as well as flexibility in the mix of digital and IP technologies to best meet a customer's specific business needs. Four server platforms are available: the compact ESI-100 Communications Server (up to 84 digital or IP stations), the ESI-200 which targets small or mid-sized business (190 digital or IP stations), the ESI-600 introduced in 2006 for larger offices or multi-site customers (408 digital or IP stations) and ESI's largest platform to date, the ESI-1000 with data redundancy to satisfy larger enterprise needs (816 digital or IP stations).</p>
--	---------	--	--	--	--

Data extracted on: 07 08 2008