

# Inter-Tel® Axxess® v9.0 Specifications

## SYSTEM FEATURES

Account Codes

- Forced
- Forced on Toll Calls
- Standard
- Optional

Administrator Station Programming

Advanced CO Interfaces

Analog Endpoint Support

Attendant Console

Automatic Call Distribution (ACD)

ACD Agent ID

ACD/UCD Hunt Members Spanning Nodes

Agent Help

Automatic Daylight Saving Time

Automatic Route Selection (ARS)

Barge-In

Call Accounting System

Call Routing to Public Network

Caller Identification (ID)

Calling Line Identity Presentation (CLIP) for UK Single-Line Sets

Central Office Line Access CPU Redundancy\*

Database Back-Up

Database Programming Wizard

Database Restore

Database Save

Desktop Interface (PC Endpoint)

Diagnostics

Digital Endpoint Support

Digital Networking (ISDN Based)

Direct Inward System Access (DISA)

Emergency Outgoing Access

Extension Lists

House Phones

Hunt Groups (75)

- ACD and UCD
- Announcement Recording
- Automatic Camp-On
- Overflow Recording
- Playback Device Capability
- Recall Recording
- Send Camp-On Notifications to Members in DND

Keymaps

Multilingual Voice Prompts: Japanese (Katakana characters), Spanish, American and British English

Multiple Music-on-Hold Ports

Multiprotocol Endpoint Support

Music-on-Hold

- External Music Source
- Silence
- Ring Back
- Tick Tone

Networking

Night Answer

Off-Premise Extension (OPX)

Open Architecture Interfaces (OAI)

- Desktop Level (TAPI, ASCII, VBX, OCX)
- System Level (ASAI, MVIP, ASCII)

Operator Console

Paging (10 Zones)

Passwords

Peer-to-Peer Audio for IP and SIP Devices

Phantom Stations

Privacy

Programmable Hunt Group Wrap-Up

Remote ACD Hunt Group

Secondary Extension Appearance

Silent Monitor Across Nodes

Single Line Sets

SNMP Support\*

System Alarm Display and Reporting

System Forwarding

System Hold

System OAI Events

System OAI Third-Party Call Control

System Speed Dialing

Toll Restriction

- Direct Inward Dialing (DID)
- E&M
- Multiple Classes, Day and Night Trunks

Uniform Call Distribution (UCD)

Voice Processing Unit (VPU)

- Automated Attendant Application
- Automated Attendant Recall Destination
- Call Diversion
- Call Screening
- Cancel Unheard Messages
- Cascading Remote Message Notification
- Centralized Voice Mail
- Custom Call Routing
- Announcements with Digit Translation
- Directory Services
- E-mail Integration\*\*
- Fax-on-Demand\*\*
- Fax Recognition\*\*
- Group Lists
- Inbound and Outbound Faxing\*\*
- Information Storage
- Message Notification/Retrieval
- Record-A-Call
- Return Call via Caller ID or to an Extension
- Schedule Time-based Application Router (STAR)
- Station Message Detail Recording (SMDR)
- Supervised Transfer
- Voice Mail
- Voice Mail Networking (Digital or AMIS)
- Undelete Message
- Unified Messaging\*\*

## STATION FEATURES

Automatic Call Access

Automatic Camp-On to Busy Stations, Trunks and ARS

Background Music

Busy Trunk/Station Callback (Queue)

Call Forwarding (On or Off Premises)

- All Calls
- If Busy
- If No Answer
- If No Answer or Busy

Caller ID Name/Number Toggle

Call Screening

Call Transfer (On or Off Premises)

- To Hold
- To Park
- To Ring

Call Waiting (Camp-On)

- Outside and Intercom Calls
- Off-Hook Ringing

Conferencing

- Four Parties per Conference

Data Calls

Directed Call Pick-Up (Reverse Transfer)

Directory (IC, CO and Feature)

Do-Not-Disturb Messages

Emergency Call

Feature Buttons

Feature Directory

Group Call Pick-Up

Group Listen

Group Remove/Replace from UCD/Hunt Groups

Handsfree Answer

Hookflash Capability

Hot Keys

Individual Hold and Recall

Microphone Mute

Off-Hook Voice Announce

On-Hook Dialing

Programmable Feature Codes

Redial

Remote Feature Programming

Self-Test Function

Station Password

Station Speed Dialing

Station-to-Station Messaging

Station-to-Station Intercom Calls

User-Programmable Keys

User-Programmable Ring Tone

\* Call Processing Server Only

\*\* Not Available with Embedded Voice Mail Card (EVMC)

## SIGNALING INTERFACES

Automatic Number Identification (ANI)  
Caller ID  
Direct Inward Dialing (DID)  
Dialed Number Identification Service (DNIS)  
E&M  
Media Gateway Control Protocol (MGCP)  
PRI National ISDN-2 Support  
T-1/OPX/Disconnect  
Trunk Group PRI Call-by-Call  
Two Stage Caller Identification

## PHYSICAL INTERFACES

DID  
Ground Start  
Internet Protocol (IP)  
ISDN PRI, ISDN BRI  
Loop Start  
Session Initiation Protocol (SIP)  
T-1

## DSP APPLICATIONS

### Options Card

- 6 DTMF Receivers
- 8 Caller ID Receivers
- 16 Conference Circuits
- 12 Conference and 4 DTMF Receivers

- 8 Standard Speakerphones
- 4 Enhanced Speakerphones

### Digital Station Card-16+ (DKSC-16+)

- 4 DTMF Receivers
- 4 Caller ID Receivers
- 8 Caller ID Transmitters
- 16 Enhanced Speaker Phones Resources

### Call Processing Card (CPC)

- 1 Modem

## APPROXIMATE CHASSIS DIMENSIONS

- Height 11.4 in. (29.0 cm)
- Width 16.4 in. (41.7 cm)
- Depth 11.5 in. (29.2 cm)
- Weight Empty 16.0 lbs. (7.2 kg)
- Loaded 23.0 lbs. (10.4 kg)

## Inter-Tel's Suite of Dynamic Endpoints

Inter-Tel offers a wide selection of endpoints exclusively designed for the Axxess Converged Communications Platform:

- Model 8600 Series Multiprotocol IP Endpoints
- Model 8500 Series Digital Endpoints and Expansion Modules
- Axxess and Eclipse<sup>2</sup>™ Digital Endpoints and DSS/BLF Units

## SYSTEM CAPABILITIES

The Inter-Tel Axxess Converged Communications System is a universal-slot, carded system. Actual number of stations and trunks depends on the number and type of cards and station instruments installed. The following chassis and card resources are available.

Single Chassis: 7 Universal Card Slots  
Expanded Chassis: 14, 21, 28, 35, 42, 49 or 56 Universal Card Slots

Options Card (OPC): PCM Link, RS-232 Port, up to 4 DSP Chips per Card

### Call Processing Card (CPC)

64/128/256: Motorola® ColdFire Processor, 1 DSP, 2 RS-232 Ports, 1 PCM Link, 1 10/100 Ethernet Port, 1 Music-on-Hold Port, 1 Page Port, 1 Modem (connects through LSC)

### Central Processing Unit (CPU) 512:

Motorola 68020, 1 DSP, 3 RS-232 Ports, 1 PCM Link, 1 Fiber Optic Connection, 1 Music-on-Hold Port, 1 Page Port, 1 10 Base-T Ethernet Port used to connect to Microsoft® Windows® 2000 Server for Call Processing

### Central Processing Unit (CPU) ATM:

Motorola 68020, 1 DSP, 3 RS-232 Ports, 1 PCM Link, 1 Music-on-Hold Port, 1 Page Port, Fiber Optic or Copper Interface used to connect to Microsoft Windows 2000 Server for Call Processing

ATM Switch: Marconi ASX™ 200BX  
Digital Station Cards (DKSC):

8 or 16 Enhanced Circuits  
Analog Keyset Cards: 8 Circuits  
Internet Protocol Resource Card (IPRC): up to 16 IP Endpoints or Networking Ports

IPRC Daughter Card (IPRC-D): with IPRC, up to 32 IP Endpoints or Networking Ports

Loop Start Trunk Cards (LSC): 4 Circuits

Loop Start Daughter Cards (LSC-D): 4 Circuits

Loop/Ground Start Trunk Cards: 4 Circuits

Loop/Ground Start Daughter Cards: 4 Circuits

Single Line Cards (SLC) w/optional Lamp Card: 8 Circuits, 16 Circuits  
T-1/E-1 Cards: 24 Trunks (T-1)/30 Trunks (E-1)

ISDN PRI Cards: 23 Voice Channels, 1 Data Channel

ISDN BRI Cards: 16 Station or Trunk Channels

Power Supply: 4 amp or 9 amp



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Axxess is classified as a Hybrid Key, Multi-Function and/or PBX System (FCC registration #BE2USA-24359-PF-E). Some features or applications mentioned may require a future release and are not available in the initial release. Future product features and applications are subject to availability and cost. Specifications are subject to change without notice. Some features may require additional hardware and/or specific software.

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