

The **power** of

Enterprise-CS converged

communications:

a **cost-effective**

alternative to native IP systems,

with all the same competitive

IP advantages.

IWATSU
*enterprise*_{CS}



Combine the best of both worlds - TDM and IP technology

The Enterprise-CS Advantage

Enterprise-CS combines the best of both worlds - TDM and IP technology. While traditional TDM systems transmit only voice, this converged system is a media bridge gateway that converges and transmits both your voice and data traffic.

This convergence means you get higher cost-savings, more flexible bandwidth usage and fewer hardware requirements. Plus, intuitive system features and "add-on" applications make it easy to grow with you long into the future and simplify your daily work routine.

- Versatile platform that supports 100% TDM, 100% IP or a combination of both TDM and IP capabilities
- Converges voice and data traffic for higher cost-savings, fewer hardware requirements and more flexible bandwidth usage
- Reliable modular design lets you start small and grow big with add-on features and applications and expands up to 1024 ports
- Integrates with unique applications including transparent networking, unified communications, contact center solutions, in-building wireless roaming and more
- Cost-effective integration of Enterprise-CS capabilities with any ADIX system lets ADIX users get an IP upgrade without replacing their current system
- Web integration provides convenient browser-based system administration and reduced maintenance costs
- Flash-based software allows system updates from a remote maintenance console – eliminates the need to modify or replace hardware to support new software revisions
- Supports peer-to-peer communication enabling IP phones to "talk" to each other directly and rely less on system resources



*Three cabinets shown. Expandable to 6 cabinets.

Productivity-Enhancing Features

Enterprise-CS is already a powerful business asset with the advantages of converged technology. And with hundreds of unique features, your business has an even greater advantage. The following features are just a handful of the capabilities designed to take the hassle out of routine communications and improve overall efficiency for your business.

Networking Integration

Network multiple office locations and remote workers to share system features and communicate with 100% transparency using T-1 or IP networking.

ACD Integration

Provides a wide range of contact center features including automated call processing, agent/supervisor features and more.

Omegatrek Wireless Integration

Remain accessible to calls while roaming your facility with access to system features from a digital wireless handset.

Voice Mail / Automated Attendant Integration

Provides voice mail, automated attendant and one-stop unified communications.

E-Response Help Call

Automatically notifies a group of extensions when an extension is off hook for a certain amount of time or has dialed 911.

Conversation Recording

Record phone conversations to voice mail for future reference.

Voice Mail Monitor

Monitor voice mail messages as they are being recorded and even interrupt the recording to initiate a conversation.

Whisper Page

Communicate with a busy extension without interrupting the call. Your voice or the voice of the person you are calling is not audible to the outside caller.

Text Messaging

Send standard system or personal 16-character text messages to another extension's station display when they are on a call.

Multiple Mailbox Keys

Multiple mailbox keys can be programmed on a phone that is shared by multiple users. This provides different users their own voice mailbox with easy access to messages via their assigned mailbox key.

Intuitive GUI Programmer

Allows a station user to configure their own phone. It also allows a company's system admin to configure the system instead of relying on external maintenance support.



System Specifications

TYPE	MAXIMUM CAPACITY
System Resources	
Universal Card Slots	35
Gateway Controllers (IX-CME)	1
Expansion Modules (Phase I)	5 APS cabinets (fully expanded ADIX 450 or ADIX-M may also be used)
Expansion Modules (Phase I.5)	5 Enterprise-CS Expansion Modules
Expansion Modules (Future)	10 Enterprise-CS Expansion Modules
MBU Channels for IP Devices	1MBU/96 channels
IP Addresses (DHCP)	1024
Trunks	
Total TDM Hardware Trunk Ports	616*
Stations	
Total Station Ports	1024
TDM Hardware Station Ports	520*
Total IP Terminals	1024
Omegatrek PS6 Portable Stations	992
IX-BSS Base Stations (TDM and IP)	140
Total Attendant Positions	32
DSS Units	128
Analog Stations	396*
Door Phones	455*
Busy Bypass Units	228
Programmable Key Patterns	1024
Networking	
Campus over IP	
Total Campus Resources	1024
Total Resources per Node	512
Total Campus Nodes	16
Campus over T1	
Total Campus Nodes	15
PBX to PBX (Conventional Networking)	
E&M Tie Trunks	140*
T1 Cards (IX-DTI-T) PBX to PBX Networking	10
IP-NET Cards	62
IP-NET Maximum Remote Systems	128

* Assumes IX-CML expanded to a full-size ADIX APS with IX-PWSL on each shelf.

TYPE	MAXIMUM CAPACITY
Miscellaneous Function	
Miscellaneous Function Ports	512
Music-on-Hold Sources	1
Serial Ports for SMDR, ACD Reporting	1
Serial Ports for Maintenance	1
Ethernet Ports for SMDR and ACD Reporting	1
Ethernet Ports for Maintenance	1
Conference Circuits	4-party conference, 32 rooms

Software Specifications

TYPE	MAXIMUM CAPACITY
Groups	
Station Ring Groups	255
Outgoing Trunk Groups	255
Incoming Trunk Groups	255
Hunting Groups	255
Maximum Stations per Hunting Group	32
Paging Groups	255
Maximum Station per Paging Group	32
External Paging Zones	128
ACD Groups	255
Maximum Agents per ACD Group	512
Maximum Number of ACD Agents	1024
Maximum Number of Active ACD Agents	512
UCD Group	255
Meet-Me Group	255
Call Pickup Group	255
Toll Restriction Group	32
Text Message Group	250
Stations per Text Message Group	64
Station Numbering Plan	Flexible up to 4 digits
Call Park Orbits	
Attendant	24
Station	1
System	128



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