

Product Overview



IWATSU[™]
VOICE NETWORKS

Who is Iwatsu?

- Publicly owned, listed on Tokyo stock exchange
- Iwatsu owned and operated ISO 9001, 9002, 14001 certified manufacturing facilities
- Self capitalized corporation
- Best MTBF (Mean Time Between Failure) rating in industry

The Iwatsu name has been at the forefront of the telecommunications industry for over half a century. With our long-standing reputation of legendary reliability, it's no wonder millions of users in over 50 countries are supported by Iwatsu.

Iwatsu Voice Networks is the flagship subsidiary of Iwatsu Electric, the publicly owned industry leader in Japan and pioneer of many firsts in the telecommunications industry. For more than three decades, Iwatsu Voice Networks has been developing, manufacturing and supplying business telephone systems and applications designed specifically for North America.

In day-to-day business there may be some unexpected roadblocks - but your communications shouldn't be one of them. That's why Iwatsu takes real customer input and develops technology that allows you to grow your communications network with customized applications and software, so you can always determine what's right for you. With this evergreen advantage you can be confident your system will continue supporting your ever-changing needs long into the future.

Plus Iwatsu has attained one of the best MTBF (Mean Time Between Failure) rates in the industry. To you, this means that we provide some of the most reliable products available today.

Nationwide Network - Whether your business is in a bustling city or on a remote hilltop, Iwatsu products and services are available through a nationwide network of over 250 authorized dealers.

Major Accounts - The Iwatsu Major Accounts program provides multi-location companies with an easy avenue to standardize business communications by single-sourcing directly with Iwatsu.

Iwatsu America, Inc.
Irving, TX / U.S.A.

Iwatsu America, Inc.
Hackensack, NJ / U.S.A.

Iwatsu Malaysia Sdn. Bhd.
Malaysia

Iwatsu Hong Kong Ltd.
Hong Kong / China

Iwatsu Electric
Tokyo / Japan

Iwatsu Factory
Fukushima / Japan

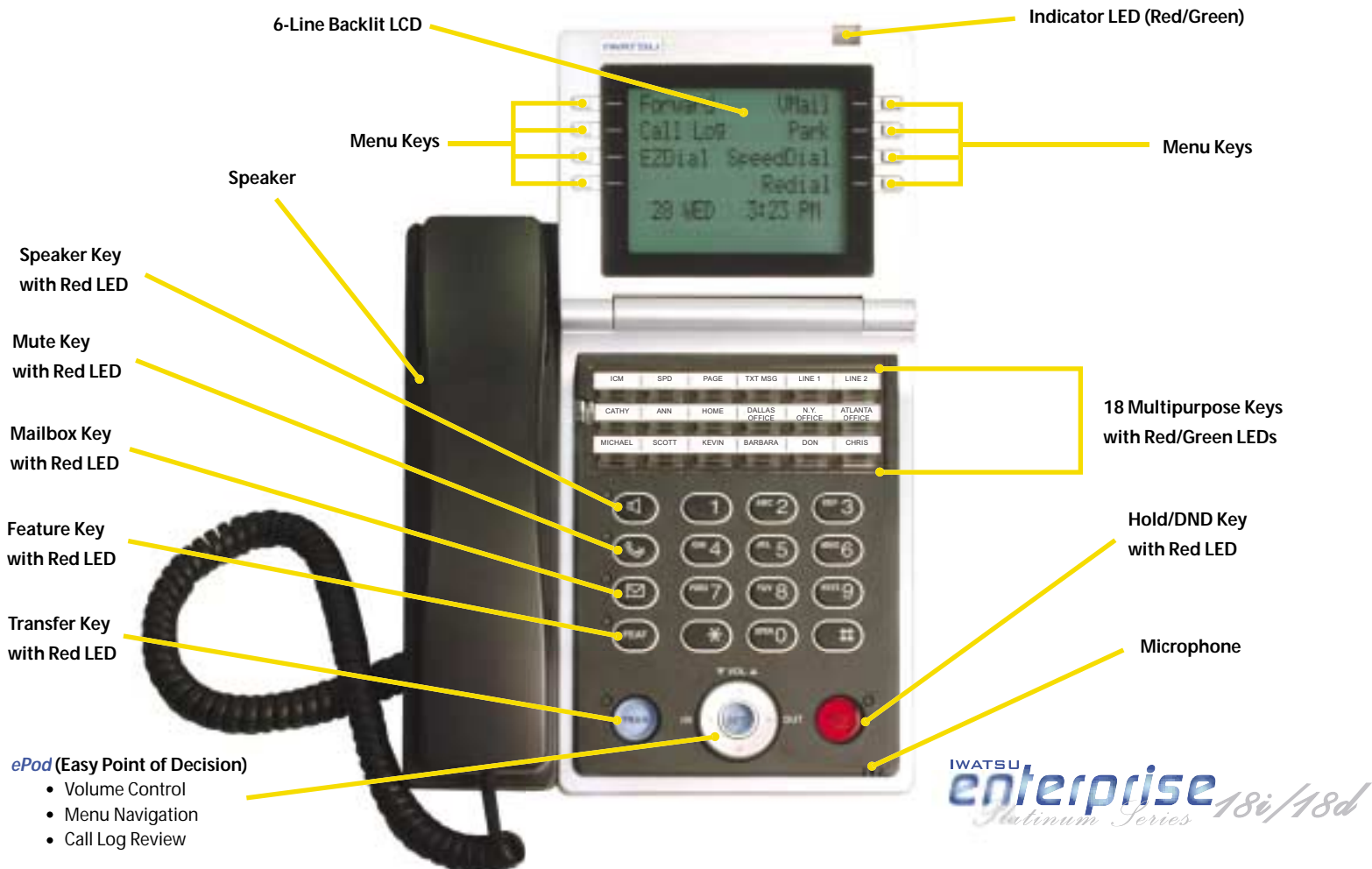
Iwatsu Enterprise 4.0 Platinum Series

QuadFusion™ technology has made it possible for the Iwatsu Enterprise 4.0 Communications Server to merge the four predominant communication protocols (VoIP, TDM, SIP and H.323) onto one seamless platform. The Iwatsu Enterprise Platinum Series Stations have been developed to bring this power to your fingertips with an intuitive award winning design.

In order to easily access the multitude of features the 18i and 18d terminals required a new user-friendly layout. To that end, the six-line LCD display window can be navigated with the new *ePod* (Easy Point of Decision) access tool. The *ePod* allows users to navigate station and system features with familiar mouse-type operation. Menus and features can also be traversed and selected with eight soft keys on the display window. These additions alone make the stations infinitely more powerful by bringing advanced features within the grasp of every user. After all, if features aren't being utilized they can't help you.

Key Features:

- Headset Connection
- Speed Dial Directory
- Back Lit Display (Iwatsu Enterprise 18i/18d)
- 2 Port Layer 2 Switch (Iwatsu Enterprise 18i/12i)
- Access to Voice Messages and Emails
- Call Log
- Navigate Using Softkeys or *ePod*
- Power over the Ethernet (PoE) or Local Power (Iwatsu Enterprise 18i/12i)
- Available as VoIP (Iwatsu Enterprise 18i/12i) or Digital (Iwatsu Enterprise 18d/12d) Stations





IWATSU
enterprise
Platinum Series 12i/12d

The Platinum Series 12i (VoIP) and 12d (digital) stations feature the similar soft key technology as its 18 button counterpart at an economical price.



IWATSU
enterprise
Platinum Series DSS

The Platinum Series DSS (direct station selection) unit allows a Platinum Series station to function as an attendant position. Featuring 100 keys for one-touch access to extensions, 20 programmable feature keys, and a 40 character LCD screen.



IWATSU
enterprise
Platinum Series Softphone

With a headset and a PC, the Platinum Series Softphone emulates all the features of a Platinum Series station without the hardware. Choose between two skins and take advantage of one touch call history, integration with MS Outlook® contact lists, and localized music on hold.



IWATSU
enterprise
Platinum Series PC attendant

The Iwatsu Enterprise Attendant Console provides access to attendant station features via PC. Utilize features like Call Transfer, Transfer to Voicemail, extension list with station status and One-Touch Dialing without the extra hardware.

Iwatsu Enterprise 4.0 Communications Server

The Iwatsu Enterprise 4.0 Communications Server utilizes QuadFusion™ Technology to fuse the four dominant communication protocols onto one platform. SIP, VoIP, TDM, and H.323 can be used alone or in tandem, making the Iwatsu Enterprise 4.0 a truly versatile system. And the Iwatsu Enterprise 4.0 Communications Server operates as a true media bridge gateway that converges and transmits both voice and data traffic.

The ability to operate as a converged system means a higher cost-savings, more flexible bandwidth usage and fewer hardware requirements. Plus, intuitive system features and "add-on" applications make it easy to grow long into the future and simplify daily work routines.

- Versatile platform that supports SIP, H.323, VoIP and TDM alone or in any combination
- SIP provides a direct interface to Iwatsu Enterprise TOL, Iwatsu's unified communications platform, which eliminates the need to purchase analog voice cards
- Converges voice and data traffic for higher cost-savings, fewer hardware requirements and more flexible bandwidth usage
- Reliable modular design allows small companies to grow up to 1024 ports with add-on features and applications
- Integrates with applications including transparent networking, unified communications, contact center solutions, in-building wireless and more
- My ECPhone allows station users to change features easily from their PC
- Remote IP stations can access the ECS through an internet-mode (non-VPN connection)
- Automated Call Distribution (ACD) Enhancements to ECS 4.0 include Group Park, Transfer to Park, Call Record, and Day/Night Mode



System Specifications

TYPE	MAXIMUM CAPACITY
System Resources	
Universal Card Slots	35
Gateway Controllers (IX-CME)	1
Expansion Modules	5 APS cabinets (fully expanded ADIX 450 or ADIX-M may also be used) OR 5 Iwatsu Enterprise-CS Expansion Modules
MBU Channels for IP Devices	2MBU/192 channels*
IP Addresses (DHCP)	1024
Trunks	
Total TDM Hardware Trunk Ports	624
Stations	
Total Station Ports	1024
TDM Hardware Station Ports	432
Total IP Terminals	1024
Omegatrek PS6 Portable Stations	1024
IX-BS5 Base Stations (TDM and IP)	144
Total Attendant Positions	32
DSS Units	128
Analog Stations	432
Door Phones	576
Busy Bypass Units	216
Programmable Key Patterns	1024
Networking	
Campus over IP	
Total Campus Resources	1024
Total Resources per Node	512
Total Campus Nodes (Main + Remotes)	17
Campus over T1	
Total Campus Nodes (Main + Remotes)	16
PBX to PBX (Conventional Networking)	
E&M Tie Trunks	120
T1 Cards (IX-DTI-T) PBX to PBX Networking	10
IP-NET Cards	72
IP-NET Maximum Remote Systems	128

* G.729 Compression

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 CTI Integration, SMDR, and ACD Reporting	1
Ethernet Ports for Maintenance	1
Conference Circuits	4-party conference, 32 rooms

Software Specifications

TYPE	MAXIMUM CAPACITY
Groups	
Station Hunt Groups	32
Outgoing Trunk Groups	250
Incoming Trunk Groups	250
Hunting Groups	250
Maximum Stations per Hunting Group	32
Internal Paging Groups	125
External Paging Groups	125
Maximum Station per Paging Group	64
External Paging Zones (Groups)	125
ACD Groups	250
Maximum Agents per ACD Group	512
Maximum Number of ACD Agents	1024
Maximum Number of Active ACD Agents	512
UCD Group	250
Meet-Me Group	250
Call Pickup Group	60
Toll Restriction Group	32
Text Message Group	60
Stations per Text Message Group	16
Station Numbering Plan	Flexible up to 4 digits
Call Park Orbits	
Attendant	60
Station	1
System	60



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