

product
brochure



Diva™ Server

The complete range at a glance

Eicon's Diva Server is a family of hardware and software enabling products which provide communication applications with telephony network connectivity and call control, as well as rich media processing capabilities.

The most flexible, scalable, open communications platform for voice and unified communications

The Diva Server family encompasses robust, intelligent communication hardware adapters for analog, ISDN Basic Rate (BRI) and Primary Rate (PRI), and E1/T1 connections and a software adapter for IP Telephony environments. The support of open standards and a single programming API ensure that Diva Server can be used in the widest spectrum of solutions and that applications can handle calls independently of the underlying network, whether it is TDM or IP.

No matter what communications you have in mind, Eicon has the most flexible, scaleable, open platform you could want.



Eicon Networks Certified
ISO 9001 2000



Key features and benefits

Universal, multifunction communications platform	Enables a broad set of applications, including CTI, voice, speech, conferencing, fax and data modem
Cutting-edge hardware design	Meets latest PCI and PCI-X standards, offers lowest power consumption and will comply with applicable RoHS legislation and regulations
High-performance media processing	Powerful on-board RISC processors and dedicated DSP resources process real-time tasks to enhance overall system performance
Simple and effective programming interface	All adapters follow the same architecture and provide a common API so that once an application is designed, it can be used on all variants
State-of-the-art operating systems	Microsoft 2000, XP and 2003 (incl. 64-Bit); SuSe, RedHat and Debian Linux distributions; Source-level RPM for any other Linux versions
Superior scalability and flexibility	Up to eight adapters of any kind can be mixed and matched in a system, offering TDM/IP hybrid capabilities and scalability from 2 to 240 channels
Easy to install and configure	Complying with Plug and Play standards eliminates complex installation tasks; GUI-based configuration and test tools are easy and intuitive



Diva Server SoftIP

IP Telephony, host media processing



Diva Server Analog-4P



Diva Server Analog-8P

Analog connectivity



Diva Server BRI



Diva Server 4BRI



Diva Server PRI/E1/T1

Digital TDM/ISDN connectivity

Media processing performance

Media processing performance, number of concurrent channels		CTI, Basic Voice			Enhanced Voice, Speech and Conferencing				Fax	Data modem, Remote Access (RAS)	
Product Name	Order Code	Switching	Play/Record	DTMF	Echo Cancellation	Voice Activity Detection	Barge-In	Conferencing w/ AGC and EC	Fax Group 3 up to 33.6 kbps	HDLC, X.75, V.120	V.110 (GSM), SMS over fixed, Analog modem up to V.90
Diva Server Universal, Multifunction adapters											
are designed for the Unified Communications market and include all important voice, speech and conferencing functions, as well as comprehensive fax and data modem capabilities.											
BRI-2M	306-162	2	2	2	2	2	2	2	2	2	2
4BRI-8M	305-486	8	8	8	8	8	8	8	8	8	8
PRI/E1-30	306-209	30	30	30	30	30	30	30	30	30	30
PRI/T1-24	306-208	24	24	24	24	24	24	24	24	24	24
Analog-4P	306-232	4	4	4	4	4	4	4	4	4	4
Analog-8P	306-233	8	8	8	8	8	8	8	8	8	8
Diva Server PRI/E1/T1 adapters											
are powerful, full duplex telephony adapters for standard voice applications, including IVR.											
PRI/E1/T1-CTI	306-211	30 / 24	30 / 24	30 / 24	–	–	–	30 ⁽¹⁾ /24 ⁽¹⁾	–	30 / 24	–
PRI/E1/T1-8 ⁽³⁾	306-206	30 / 24	30 / 24	30 / 24	8	8	8	8	8	30 / 24	8
Diva Server V-series adapters											
are all no-compromise, full-function enhanced speech and conferencing adapters that come with ample DSP resources so that every channel can employ the most processing-intensive features without limitation.											
V-BRI-2	306-219	2	2	2	2	2	2	2	–	–	–
V-4BRI-8	306-218	8	8	8	8	8	8	8	–	–	–
V-PRI/E1-30	306-214	30	30	30	30	30	30	30	–	–	–
V-PRI/T1-24	306-213	24	24	24	24	24	24	24	–	–	–
V-Analog-4P	306-236	4	4	4	4	4	4	4	–	–	–
V-Analog-8P	306-237	8	8	8	8	8	8	8	–	–	–
Diva Server SoftIP is a software-based adapter											
that supports Voice over IP (VoIP) and Fax over IP (FoIP) using host-based media processing. With Diva Server SoftIP, calls that arrive via a VoIP network can access the same speech engines and applications that work with the Diva Server hardware.											
SoftIP v1.x, H.323, H.450	316-029, M01-028	2 -240	2 -240	2 -240	–	–	–	2 -120 ⁽¹⁾	–	–	–
SoftIP v1.x, H.323, H.450, T.38	316-030, M02-028	2 -240	2 -240	2 -240	–	–	–	2 -120 ⁽¹⁾	2 -120 ⁽²⁾	–	–

(1) : Conferencing support without AGC and EC (2) : Fax over IP via T.38, up to 14.4. kbps (3) : Dedicated DSP resources can be applied to any eight out of 30/24 channels