

QUADROE1/T1 FEATURE OVERVIEW

	QuadroE1/T1
CONNECTIVITY	
FXS	1 port
WAN: Ethernet RJ45	1 port
E1/T1	1 port
PBX extensions	29
Call signaling	SIP, SDP, RTP, H323, Fax over IP, E1-CAS (including R2 support), T1-CAS, PRI, Loop Start
LAN: Ethernet RJ45	1 port
Voice coding	G.711, G.726, G.729, iLBC
External connectivity: Radius client for billing	•
PBX FEATURES	
Auto attendant	•
Call statistics	•
Caller ID	•
T.38 fax, fax relay and clear channel fax	•
Call Reporting (Authentication, Authorization, Accounting)	•
INTERNET	
Browser configuration	•
Remote diagnostics and software upgrade	•
Remote system log analysis and download	•
STUN/NAT traversal	•
DIFFSERV QoS	•
Policy and service filtering	•
Stateful inspection firewall	•
LAN DHCP server/WAN DHCP client	•
DNS server	•
SNTP	•
PAP/(MS)CHAP	•
PPPoE	•

Epygi aims for the underserved SOHO market with high quality, feature enhanced IP PBXs, Conference Servers and VoIP Gateways.

Epygi improves return of investment through new products based on deep telecommunications network knowledge. Our products lower costs and deliver value with technology in step with the times.

Feature rich products combining high voice quality, emerging Internet services and traditional telephony make Quadro products a unique value unifying legacy networks with computer telephony.



Quadro® E1/T1
THE VOICE OVER IP GATEWAY

VoIP GATEWAYS



 epyni®

QuadroE1/T1

Your business already owns its own PBX, but now you want to move into the World of IP telephony for its higher performance and lower cost. Look to the QuadroE1/T1 and move quickly to Voice over IP.

The QuadroE1/T1 VoIP gateway completely unites both PSTN and VoIP technologies, even in legacy equipment configurations. Just install the QuadroE1/T1 gateway between your Internet access router and your existing PBX to start making IP phone calls anywhere in the world. In addition, the QuadroE1/T1 can connect to a PSTN service provider via E1/T1 to provide access and virtual local phone numbers to foreign users. Of course, the QuadroE1/T1 may be connected directly either to the Main Office via E1/T1 trunk and to the Internet using its integrated access router.

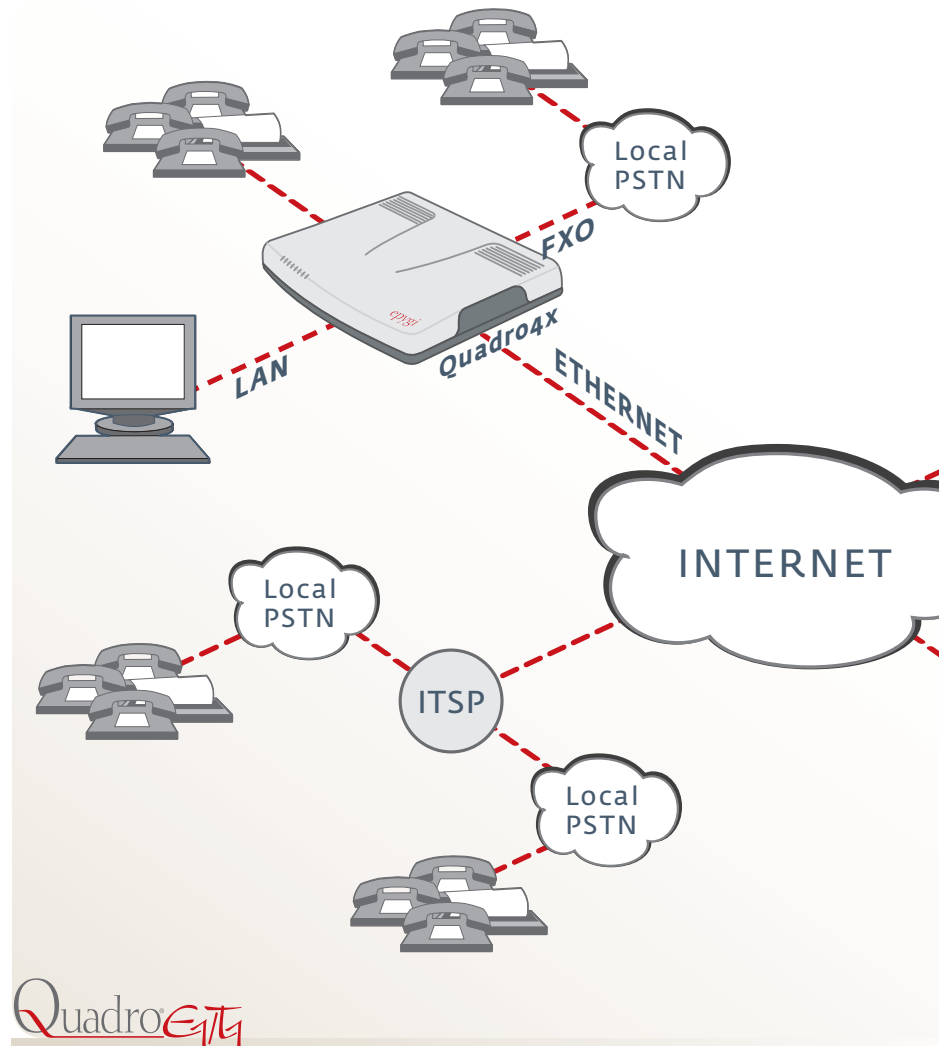
It's Flexible

If the QuadroE1/T1 is communicating with another Quadro device or IP phone on the far-end, the calls will be nearly free. If you connect to a VoIP service provider, you can make long-distance calls to any phone number on the public phone network for a fraction of the regular cost.

The QuadroE1/T1 combines the cost-reducing benefits of IP telephony with the ubiquity of the PSTN, which opens many scenarios for free phone calls. Connect PBXs of geographically dispersed departments of a company wherever they are in the world over IP. Free calls between the departments can quickly increase communication and effectiveness.

It's Secure

Like all the other Quadro devices, the QuadroE1/T1 is packed with an array of network security features including a stateful inspection firewall. The STUN feature allows the QuadroE1/T1 to be connected directly to the Internet or behind a NAT router.



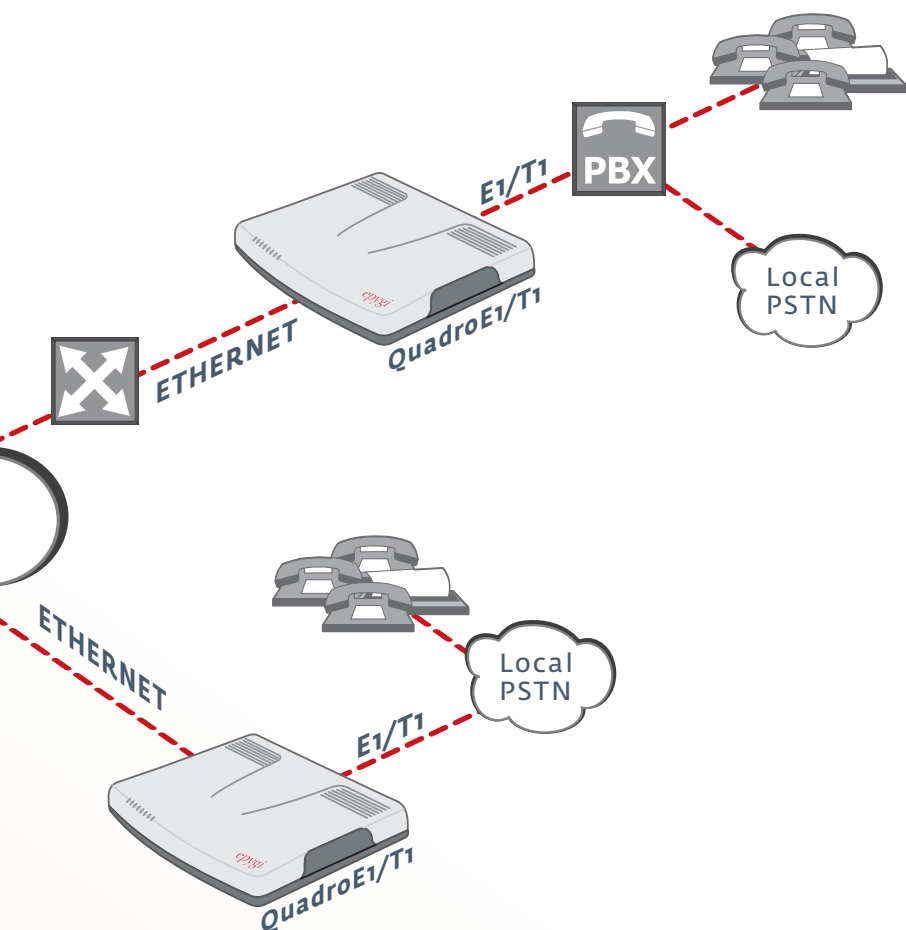
Legacy PBXs use the QuadroE1/T1 VoIP gateway.

Phones in the local PSTN connect both inbound and outbound to the QuadroE1/T1.

Quadro solutions connect your office, the local PSTN and the Internet into a single voice network.

Calls between Quadro locations are free.





It's Inexpensive

The purchase price of the Quadro is more than justified by the quantifiable long-distance cost savings on calls made through the Quadro. You will realize a quick payback on your initial investment and enjoy recurring cost savings every time you use your Quadro. No obsolescence. No upgrades. No maintenance fees. No license fees. The further you dig into this, the more sense it makes. All Quadro products deliver superior voice quality with Epygi SIPVoice DSP Technology. Quadro supports existing legacy telephone and fax equipment. The products are feature rich delivering a web based GUI interface, firewall, SIP server support ... and much more.

Interfaces

The QuadroE1/T1 has one port for an E1/T1 voice trunk that allows up to 24 T1 or 30 E1 calls in parallel. This port may be connected to a PBX or directly to the local PSTN. An Ethernet 10/100BASE-T port connects the QuadroE1/T1 to your local area network, and a 10BASE-T port connects to your wide area network (WAN). A FXS port is included to facilitate testing and setup.

The interfaces alone do not convey the power of the QuadroE1/T1 or the abundance of diverse missions it accomplishes. The Quadro shapes network traffic by prioritizing voice over data to enhance voice quality using a Codec that best meets your needs - G.711, G.726, G.729 and iLBC.

How Does the Quadro Do It?

Although using the QuadroE1/T1 is easy, it is built on a very sophisticated and complex system. Inside the QuadroE1/T1 device, two communications infrastructures come together - the traditional telephone network and the Internet. At the core of the Quadro is the Call Manager running on Linux software. The Call Manager sends voice streams through the digital signal processor for voice processing. All this occurs in a 1.77" tall box no larger than an 8.5 x 11 sheet of paper.

The Company

Epygi Technologies' headquarters is in Plano, Texas (North Dallas). Epygi products benefit from extensive knowledge in telecommunications, DSP voice processing and data networking. Epygi Sales and Development offices are in the United States, Canada, Spain, France, Italy, Germany, United Kingdom, Armenia and Japan. The company utilizes a sales organization of distributors and resellers. Our expanding product line includes IP PBXs, conference servers and gateways.

Future Outlook

Epygi is continuously working to improve its products. Our next product updates will include enhanced voice compression capacity and Quadro E1T1 models with two and four ports in metal enclosure.