



Features

- ISDN PRI supporting upto 30 ISDN channels or fractional E1/T1
- Active Voice Control
- Best class routing allows flexible call routing for any type dialling plan via public or private networks
- Ethernet connectivity enables the integration of IP endpoints and SIP services with traditional analogue and digital endpoints.
- Delivers advanced end to end Quality of Service differentiation with granular network control.
- Industry standard codec's
- Auto Configuration Management – downloadable code for future applications
- Ultra Communicate voice compression (VadOS) optimised for low bandwidth networks, such as Satellite, 3G, Wi-Fi.

VadEDGE 4230d

Datasheet

The VadEDGE 4230d is an intelligent adaptive router providing 30 digital voice channels with Adaptive Situation Aware Routing, (ASAR) that has been optimised to deliver traditional voice services over low speed bandwidth applications such as Satellite, 3G, Wi-Fi, enabling effective communication at the edge of the enterprise network. With VadEDGE mobile, regional and remotely located teams are able to access the same voice and data communication channels that their colleagues benefit at the organisation's headquarters.

Infrastructure independent architecture

The VadEDGE 4230d is capable of any to any service switching, via the Auto Sky Roaming (ASR) solution. Network or infrastructure changes have no impact on customer applications. functionality.



Active Voice Control

Uniquely, unlike comparable TDM multiplex solutions, the VadEDGE 4230d only transmits data when there is an active voice call. Furthermore during the active call, data is only transmitted whilst the caller is actively engaged in the conversation. During the natural pauses or gaps within normal conversation, the VadOS operating system removes the silent bytes from the data stream, greatly reducing OPEX costs

AEP

Ultra
ELECTRONICS

Delivering specialist communication solutions

The VadEDGE range supports a wide range of protocols, WAN and user interfaces. This enables customers to aggregate and effectively deliver multiple service streams over almost any communications bearer including 3G/Edge, GSM, PSTN, ISDN, Leased Line, Wi-Fi, Satellite (VSAT) and IP/Internet. Combining voice (analogue or digital) with packet data services such as IP, POS, ATM, the VadEDGE efficiently and cost effectively manages bandwidth through dynamic packet fragmentation and compresses voice to the minimum, whilst ensuring Quality of Service.

As a consequence, regardless of whether they're located at a regional office, remote branch or even deployed to a location miles from civilisation, workers are able to communicate swiftly, clearly and securely with central control teams and send/receive data that enables them to fulfil their role.

VadEDGE 4230 Hardware Specification

PORTS	
Ethernet 10/100 (fixed)	4
WAN (fixed)	2
SFP Fibre Eth 100MB	2 (fixed use analogue modem, only available when slot 4 not in use)
ISDN Pri (either Pri or Bri may be fitted)	1
Compression/Encryption	Yes
VOICE	
Digital Voice	30
CONFIGURATION	
Desktop	Yes
Rack Mounted	yes
DIMENSIONS	
Width (mm)	430
Height (mm)	45
Depth (mm)	270
POWER	
100 - 240 AC external	Yes (internal)
20 - 72v dual feed (optional)	Yes

Services

AEP have a wide range of professional services and support packages available to help install, configure and maintain a secure application access infrastructure. For more details please see the Service Product Sheet.



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