J1000 Product Summary

The J1000 product family is designed to meet the requirements of corporate networking, where change is the only constant. To meet this challenge, J1000 systems are sized to suit differing environments and applications — from compact desktop units to multi-function, modular systems.

There are three product groups in the family:

Virtual eXchange (VX) J1000's provide the functions of a carrier class ISDN switching exchange, in a system sized for corporate backbone networks. Private and public network trunk links can be utilised to provide on-demand management of bandwidth.

Access Controller (AC) J1000's provide managed access to ISDN for voice and data applications. This allows organisations to leverage off the carrier services and provide an integrated, fully managed networking system.

Terminal Adaptor (TA) J1000's provide managed access to ISDN for data applications. This allows smaller offices to gain the benefits of ISDN.

The **VX** and **AC** are modular systems comprising of a chassis with common logic and power supply. The chassis houses interface and utility modules to suit the carrier services and application environment. All systems use the same modules, allowing changes and moves to be accommodated easily.

VX and AC systems are available in four models, offering different capacity levels. The model numbers are: J1800, J1700, J1600 and J1400.

The TA is a compact, desktop system with the base model number: J1200.

J1800 and J1700 systems have 14 slots for interface and utility modules. The J1800 supports up to eight Primary Rate modules and the J1700 supports up to four Primary Rate modules.

J1600 systems have 5 slots for interface and utility modules, and support up to four Primary Rate modules.

J1400 systems have 3 slots for interface and utility modules, and support up to two Primary Rate modules.
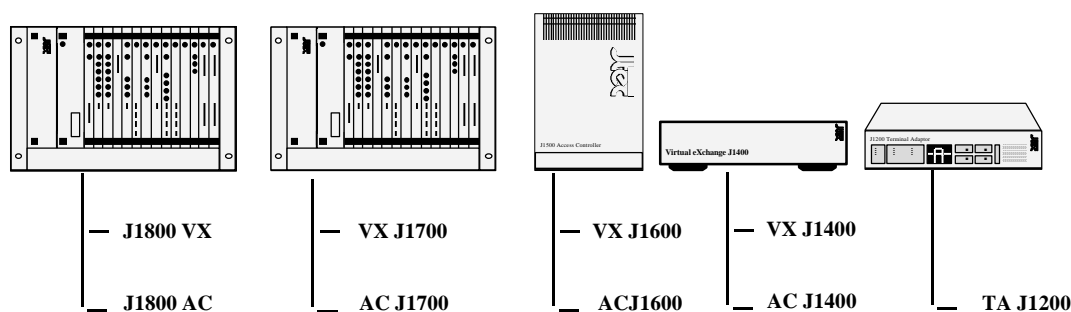
J1200 systems provide one ISDN Basic Rate interface and two user data ports. There are three variants which offer V.24, X.21 or V.35 interfaces. The J1200 is fully compatible in functionality and management with the larger J1000 systems.

Investment Protection

Your investment in J1000 systems is protected through upgrade products. Upgrades are available to take VX and AC systems from one model to the next and the TA supports downline loading of new features. These capabilities allow the network to be implemented for current needs, and to grow in line with future needs.

J1000 Product Family Tree

| J1800 VX | VX J1700 | VX J1600 | VX J1400 | |
| J1800 AC | AC J1700 | ACJ1600 | AC J1400 | TA J1200 |

SPECIFICATIONS

Model	J1800	J1700	J1600	J1400	J1200
Module Slots					
Virtual eXchange	14	14	5	3	N/A
Access Controller	14	14	5	3	N/A
Interfaces Supported					
ISDN Primary Rate	Yes	Yes	Yes	Yes	No
ISDN Basic Rate	Yes	Yes	Yes	Yes	Yes
E1 (G.703/704)	Yes	Yes	Yes	Yes	No
Digital V.24, V.35, X.21	Yes	Yes	Yes	Yes	Yes
Analog 2 wire, 4 wire	Yes	Yes	Yes	Yes	No
Utilities Supported					
Subrate Multiplexing	Yes	Yes	Yes	Yes	Yes
Voice Compression	Yes	Yes	Yes	Yes	No
B-Channel Aggregation	Yes	Yes	Yes	Yes	Yes
CLI Verification		Yes	Yes	Yes	Yes
No					
Power Supplies					
240V AC	Yes	Yes	Yes	Yes	Yes
48V DC	Yes	Yes	No	No	No
Redundancy	Yes	Yes	No	No	No
OmniVision Management	Yes	Yes	Yes	Yes	Yes

Operating Environment

J1800 and J1700

Power	240V AC, 50Hz. or 48V DC. 310 Watts (maximum configuration)	
Temperature	5^oC to 50^oC (40^0F to 122^oF)	
Humidity	20% to 80% non-condensing	
Size	35.6cm High, 48.2cm Wide, 34.5cm Deep	
Weight	22.5 kg (maximum configuration)	
Mounting	19" Rackmount (8 RU) (Wall-mount optional)	

J1600

Power	240V AC, 50Hz. 310 Watts maximum
Temperature	5^oC to 50^oC
Humidity	20% to 80% non-condensing
Size	34.2cm High, 23.8cm Wide, 35.7cm Deep
Weight	11.5 kg (maximum configuration)
Mounting	Desktop (Wall-mount optional)

J1400

Power	240V AC and 110V AC, maximum 60Hz.
Temperature	0^oC to 50^oC
Humidity	5% to 95% non-condensing
Size	12cm High, 42.5cm Wide, 33.5cm Deep
Weight	8 kg (maximum configuration)
Mounting	Desktop (Rack-mount optional)

J1200

Power	240V AC, 50Hz. 16 Watts maximum
Temperature	0^oC to 40^oC
Humidity	5% to 95% non-condensing
Size	7.3cm High, 28.1cm Wide, 28.7cm Deep
Weight	2.8 kg
Mounting	Desktop and wall-mount standard

http://www.jtec.com.au

Quality System

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