

data sheet

Meeting Point 5030



Steckbrief

High-End Multiservice Switch

ISDN circuit-switching and ATM cell-switching combined in one system (hybridearchitecture)

Up to 5 Gbps ATM switching capacity

Modular design

Expandable to 32 ports

Interfaces:

Serial:

- ◆ ISDN BRI, ISDN PRI/E1, X.21/V.11, V.24

ATM:

- ◆ E3, STM-1, STM-4

LAN:

- ◆ Ethernet and Gigabit Ethernet

Supported protocols:

Serial:

- ◆ Frame Relay, X.25, SDLC, QLLC, HDLC 9155, HDLC transparent, bit-oriented transparent

ISDN:

- ◆ Circuit-Switched, packet-oriented

ISDN Signaling:

- ◆ 1TR6, DSS1, DASS2, Q.SIG, TNet, CorNet-N, CorNet-NQ, ABC-F, DPNSS1

ATM:

- ◆ UNI 3.1, UNI 4.0, Q.2931

LAN:

- ◆ IP-Routing, IPX-Routing

Comprehensive support by the DATUS XNM5

Accounting via XNM5



Meeting Point 5030

The Meeting Point 5030 system is a high-end multiservice switch that is used for the integration of locations with a medium-sized or large volume of data traffic into company-wide converged networks or for the connection to carrier networks.

The modular design of the Meeting Point 5030 system offers a cost-effective substructure for the flexible integration of a diversified composition of services and applications in a network. So the system allows voice services such as PABX support by interpreting all significant ISDN signaling protocols even via ATM networks. In addition, the system offers integration of video applications like video conferencing and interactive computer-based training, e. g. based on B-channel switching or channel-bundles.

The system offers serial ports to connect routers or IBM cluster controllers for the integration of data services, and Ethernet LAN ports for the integration of client-server applications.

The Meeting Point 5030 system is an ATM-based high-end multiservice switch for switched connections and leased lines with baudrates of up to 622 Mbps.

Central Network Management

All systems of the Meeting Point product family can be centrally managed and operated by the XNM5 network management system. By means of its comfortable and easy-to-use graphical user interface, XNM5 offers diversified functions for system configuration, fault management, performance management, security management and accounting. All functions – including software download – can be performed from one central XNM5 terminal.

Physical Specifications

power supply	230 V +/- 10%, 50 Hz
power consumption	max. 600 Watt
dimensions wxdxh	505 x 665 x 460 mm
weight	ca. 50 kg
storage temperature	0°C - 80°C
operating temp.	5°C - 40°C
rel. athm. humidity	35% - 75% non-condensing

Meeting Point Product Family

Meeting Point is the DATUS product family of access-switching products for the integration of data, voice and video. All Meeting Point products are comprehensively supported by the DATUS XNM5 network management system and can be applied with the DATUS 5810 product family.

The Meeting Point product family comprises the following product lines:

Meeting Point 2000

- ♦ access class 512 kbps

Modell	Ports ISDN BRI	Ports serial	Ports LAN
2004	4	1	1

Meeting Point 3400

- ♦ access class 2 - 155 Mbps

Modell	Ports ISDN BRI	Ports ISDN PRI	Ports serial	Ports LAN
3402	-	1	1	2
3404	4	1	1	5
3408	8	1	1	8

Meeting Point 5000

- ♦ access class 2 - 622 Mbps

Model	TDM Circuit Switching	ATM Cell Switching	Ports ISDN / serial	Ports LAN
5020	ja	-	32	-
5030	ja	ja	32	optional

Every Meeting Point product offers the following technical highlights for the creation of efficient wide area networks:

- ♦ Integration of data, voice and video
- ♦ Dynamic bandwidth management on trunk lines secures high efficiency
- ♦ Automatic re-routing if line fails
- ♦ Voice routing by interpretation of numerous ISDN signaling protocols
- ♦ Conforming to current protocol standards
- ♦ Cost-effective routing of voice connections by Least-Cost-Routing function
- ♦ Cost-effective PABX integration by conversion of ISDN D-channel protocols
- ♦ Support of Virtual Private Networks
- ♦ Accounting for voice- and data connections
- ♦ Efficient operation by the powerful XNM5 network management system

DATUS Services

- ♦ Consulting / Projecting
- ♦ Project management
- ♦ Installation / Commencement of operation
- ♦ Maintenance
- ♦ Service center
- ♦ Training
- ♦ Network management
- ♦ Financing
- ♦ General contracting