

Meeting Point/ Office Point 3404

Product Data



Meeting Point/Office Point 3404

- High Performance access router
- Modular design
- DiffServ pursuant RFC 2474, 2597, 2598
- Voice over IP pursuant ITU-T H.323
- Supports voice compression standards ITU-T G.711, G.723, G.728 and G.729 for up to 16 B-channels
- Structured Leased Lines pursuant G.703/G.704
- Comprehensive support by DATUS XNM5 network management system
- Best utilization of bandwidth via public network for voice- and data traffic

Interfaces:

- 1 x ATM (optional: E1, ATM-25, E3, STM-1, SDSL)
- 1 x ISDN PRI (TE/NT)
- 1 x X.21/V.11 (DCE/DTE)
- 1 x V.24 Diagnose port
- 2 x LAN 10/100 BaseT autosensing (therefrom 1 Port: 4-fold switched)
- 4 x ISDN BRI or UP₀ *
- 2 x a/b-interfaces (optional) *

Protocol support:

- IP
- ISDN
- ATM
- Frame Relay

Applications

The MP/OP 3404 system is designed for use in medium-sized to large companies with branch offices as well as a customer premises equipment (CPE) at major customers of carriers. To the WAN side, the system offers an ISDN PRI interface as well as a serial X.21/V.11 interface. Optional ATM interface modules can be plugged in, allowing to align the system to the individual needs of the customer.

For integration of a LAN-based environment the Meeting Point 3404 system provides five 10/100BaseT-Ports as well as four BRI ports. The system may be extended by two analogue ports.

The optionally integrated Voice over IP gateway function allows voice transfer via intranet or IP-VPN.

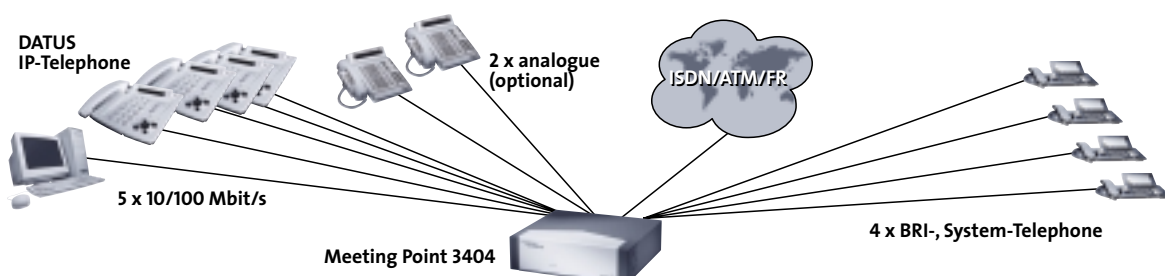


Product Properties

- managed IP-Streams
- QoS, Cos für IP and ATM
- IP-Flow driven ATM SVCs
- interworking IP-FR-ATM
- VoIP support
- PBX
- SNMP support

Central Network Management XNM5

As well as all members of the DATUS Meeting Point product family, the Meeting Point 3404 system is managed and operated via the XNM5 network management system. XNM5 offers comprehensive functions in the fields of configuration, fault management, performance management, security and accounting by means of an intelligent and easy-to-use graphic user interface. All functions, including software update, are performed at a central XNM5 terminal.



Technical Specifications

Serial Interfaces	ITU-T V.11/X.21 (DCE/DTE); DB-15 plug
Legacy Data	HDLC; HDLC Transparent; SDLC; QLLC
X.25 Standards	ITU-T X.25 (1988); X.75; X.25 CUG
X.25 Interworking	Multiprotocol-Interconnect (RFC877, RFC1356)
Frame Relay Standards	ITU-T Q.922 Annex A, Q.933 Annex A, I.370, I.372, I.122, I.233.1; ANSI T1.606, T1.607, T1.617 Annex D, T1.618, FRF1.1, FRF2.1, FRF.4, FRF.12
Frame Relay Functions	LMI: UNI and NNI; PVC and SVC
Frame Relay traffic control	CIR, BC, BE, DE, FECN, BECN
Frame Relay connections	max. 390 DLCIs
Frame Relay Interworking	Multiprotocol-Interconnect (RFC1490, RFC2427, FRF3.1); Frame Relay-ATM Interworking (FRF.8)
LAN Interfaces	Fast-Ethernet; 10/100BaseT auto-negotiation; full duplex; RJ45 plug
IP Routing	TCP/IP Version 4 RIP V1.0 and V2.0 (RFC1058), OSPF V2.0 (RFC2328), BACP (RFC2125), DiffServ (RFC2474, RFC2597, RFC2598)
IP traffic control	IP-Flow driven SVCs (ATM and X.25)
IP Point to Point	PPP, MLPPP, PAP, CHAP, DHCP Relay-Agent Basic NAT, NAPT, NAT-Mapping
IP Interworking	IPoA (RFC1483, RFC2684); Multiprotocol-Interconnect over FR (RFC1490, RFC2427); Voice over IP (ITU-T H.323, H.450, H.225, H.245; RFC1889, RFC1890); Multiprotocol-Interconnect over X.25 (RFC877, RFC1356)
ATM Interfaces	E1 (2 Mbit/s); ITU-T G.703, G.804; plug Twisted Pair (RJ45)/120 Ohm ATM-25 (25 Mbit/s) / ATM 25.6; pursuant ATM Forum UNI 3.1; plug Twisted Pair (RJ45) E3/OC3 (34 Mbit/s); ITU-T G.703, G.804, G.832; coaxial (BNC Siemens) STM-1/OC12 (155 Mbit/s); Multimode (62,5/125µm or 50/125µm; SC) STM-1/OC12 (155 Mbit/s); Single Mode (9/125µm; SC)
ATM Standards	ATM Forum UNI 3.1 and UNI 4.0
ATM traffic contracts	RT-/NRT-VBR (-.3), UBR, ABR, CBR
ATM connections	max. 512; VPI: 0-15; VCI: 1-1023;
ATM Interworking	Frame Relay-ATM Interworking (FRF.8); ISDN-ATM SVC (ATM Trunking, VToA)
ISDN interfaces	ISDN S _{2M} NT/TE; ITU-T G.703, G.704, I.431; plug DB-9
ISDN Standards	ITU-T Q.921, Q.931, X.31 A and B
ISDN Signalling	TTR6, DSS1, Q.SIG, CorNet-N, CorNet-NQ, TNet, ABC-F, DPNSS, DASS2
Interworking Signalling	DSS1-TTR6, DSS1-CorNet (Basic Call, fees), DSS1-Q.SIG (Basic Call), Q.SIG-CorNet (Basic Call), Q.SIG-Supplementary Services Interworking for max. 16 B-channels; CS-ACELP (G.729.A); Silence compression (G.729.B)
voice compression	Echo cancellation (G.165); G.711
ISDN Interworking Standards	ISDN-ATM SVC (ATM Trunking, VToA)
Network management	Configuration-, fault-, performance-, accounting- and security management with XNMS
SNMP support	IP-Statistics (IP-In, -Out, -Loss etc.), performance management (Memory- and CPU efficiency) IP-Flow-Statistics (IP-In, -Out, -Loss etc.)
Backup-Mechanisms	IP, ATM, FR, ISDN (S _{2M}), X.25
Routing-Performance	max. 6000 pps 6-40 Mbps max. 8.192 Mbps (V.11-interface)

Physical Specifications

Power supply	230 V, 50 Hz
Power consumption	50 W
Dimensions WxDxH	330 x 310 x 93 mm
Weight	2,9 kg
Ambient temperature	5°C-40°C
Rel. humidity	35-79%, non-condensing
CE-certified	



DATUS AG

Tempelhofer Str. 4-8
D-52068 Aachen
Germany
Phone +49 (241) 1 68 02-0
Telefax +49 (241) 1 68 02-80
<http://www.datus.com>