

Unified communications MiniCom MX

Unified communications system with the capacity of up to 1 million users, developed by the Russian company "Informtekhnik", includes IP PBX "Minicom MX-1000" and messenger "ROCHAT" and is a complete analogue to products of foreign manufacturers Cisco, Avaya, Unify, Mytel.

Main advantages of Minicom MX-1000

- Certified solution, meets all regulatory requirements;
- Ability to support legacy infrastructure (FXO/FXS/UPN support);
- Expanded set of traditional VBO/VAS;
- Scalable up to 1 million users;
- Proprietary recording system;
- Hardware redundancy (active / active, active / standby);
- Softswitch implementation option;
- Monitoring and statistics system.

Software switch MX-1000-SC-4



Based on a server platform with following specifications:

- Intel Core i5 or higher processor;
- DDR4 RAM with at least 8 Gbytes;
- Ethernet ports 1 Gbit/s at least 2 pcs;
- RAID controller and 2 SSD drives (120 GB);
- power supply with hot standby;
- operating temperature from 5° to 45° C;
- operating humidity of no more than 80%;
- weight 7.5 kg;
- Dimensions: (WxHxD, mm) 480 x 88 x 423

Software switch MX-1000-SC-K



Based on a server platform with following specifications:

- Intel Pentium G4560 or higher processor;
- DDR4 RAM with at least 8 Gbytes;
- Ethernet ports 1 Gbit/s at least 2 pcs;
- a hard disk (SSD) of at least 120 GB.
- 48 V or 220 V power supply;
- operating temperature from 5° to 45° C;
- operating humidity of no more than 80%;
- weight 5 kg.;

MOBILITY OF EMPLOYEES

- Mobile and computer client MX-1000
- Messenger (group and two-way chats, audio/video calls, file transfer, etc.)
- Organizing videoconferences;
- Integration with TETRA, radio mode;
- Integration with the organization's ACS;
- Presence statuses.

Import substitution and security

- Possibility of step-by-step migration from foreign solutions;
- Support for subscriber devices of foreign vendors (Avaya, Cisco, Unify, etc.);
- The equipment is on the TORP registry;
- PBX and messenger software is included in the software registry of the Russian Federation;
- Servers within the company LAN;
- Class C certification by the Federal Security Service of Russia.

OPEN-WIRE COMMUNICATION

Basic equipment (for unified communications, industrial private-branch exchange and dispatch switch boards)

CONTACTS

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Unified communications

<<MiniCom MX>>



Main specifications of the PBX <<MiniCom MX-1000>>

Station capacity	up to 10,000 users
Number of E1 DSPs (2.048 Mbps)	up to 96
Supported alarms: <ul style="list-style-type: none"> • VSK alarm system • CCS alarm system • VoIP alarm system for SP • VoIP user access alarm 	2VSC; MFC; decade DSS1; DKC7; V5.2; QSIG SIP-T/SIP-I SIP 2.0
Gateways for connecting analog and digital subscriber terminals: <ul style="list-style-type: none"> • 6U version • 1U version • 4U version (based on Minicom DX-500) • BU version (based on Minicom DX-500) 	Up to 512 ports (via SIP 2.0) Up to 32 ports (via SIP 2.0) Up to 96 ports (via E1) Up to 256 ports (via E1)
Support for third-party FXO/FXS gateways	yes (SIP 2.0)
Gateways for connecting analog lines: <ul style="list-style-type: none"> • 6U version • 1U version • 4U version (based on Minicom DX-500) • BU version (based on Minicom DX-500) 	Up to 128 FXO ports (over SIP 2.0) Up to 8 FXO ports (over SIP 2.0) Up to 96 ports (over E1) Up to 256 ports (over E1)
Support for third-party SIP-phones	Alcatel-Lucent, AudioCodes, Avaya, Cisco, D-Link, Grandstream, Siemens (Unify), Yealink and others.
IP User access	SIP 2.0
VoIP components: <ul style="list-style-type: none"> • codecs • echo cancellation • QoS 	G.711(a-law); G.729(A/B); G.722; T.38; H.263; H.264 G.168 IEEE 802.1 p/Q, TOS/Diff Serv
SORM	Order No. 268
SERVICES: <ul style="list-style-type: none"> • Users Directory • Voice mai • Notification system • Fax server • Autoinformer (IVR) • Conference • Conversation recorder 	Yes Yes Yes Yes Yes AUDIO: UP TO 100 PARTICIPANTS; VIDEO: UP TO 6 PARTICIPANTS Yes (including video)
Applications: <ul style="list-style-type: none"> • Phone Assistant • Mobile Client • RosChat 	ATA, CTA, SIP TA OS: IOS, Android Windows, Linux
Configuration and control	CLI (telnet, SSH), MX1000.SCM, WEB
Remote monitoring	SNMP
Power supply	F48 V or 220 V 50 Hz

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