ELTEX®

Russian designer and manufacturer
of communication equipment

ABOUT COMPANY

- **28 years of experience** in designing and manufacturing telecommunication equipment
- More than **750 employees**
- **14 software development laboratories**
- **2 industrial complexes** in Novosibirsk (Russia) and Almaty (Kazakhstan)
- **More than 100 partner companies** in Russia, CIS, Europe, Asia and the Middle East
- **More than 1500 client companies**
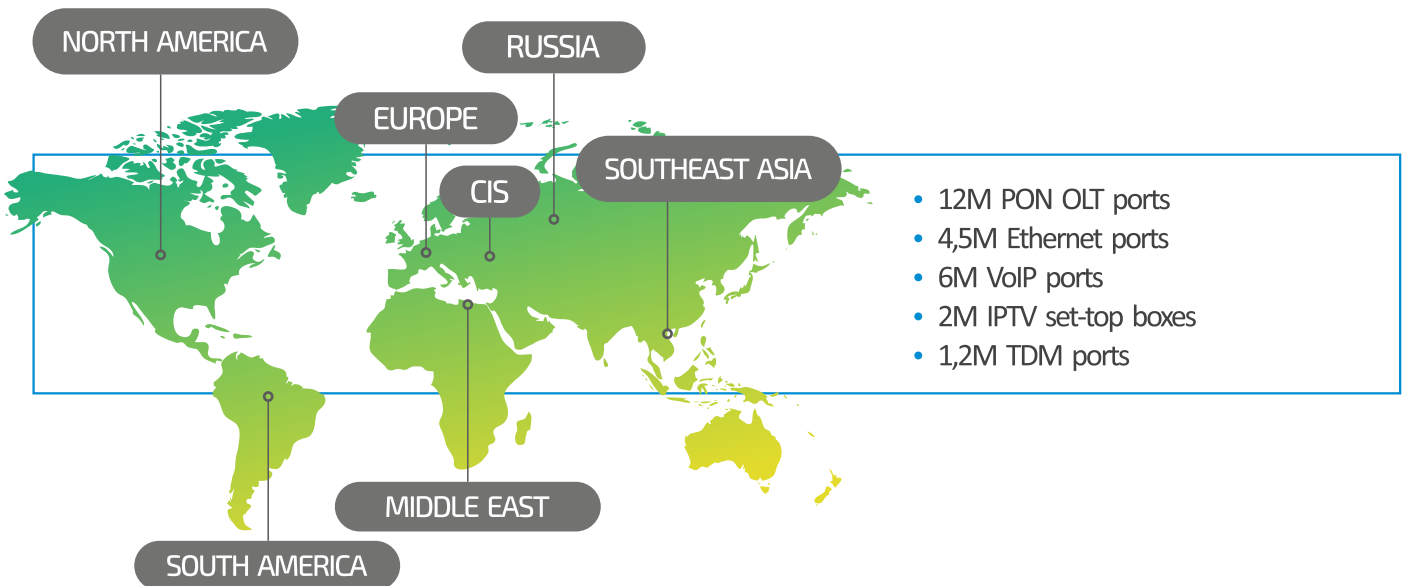
1 Development
- Hardware
- Software

2 Manufacture
- Surface-mount technology
- Through-hole technology
- Assembling
- Software installation
- Testing of serial production equipment

3 Maintenance
- Technical support
- Service center
- Software updating
- Repair

NORTH AMERICA

RUSSIA

EUROPE

SOUTHEAST ASIA

CIS

MIDDLE EAST

SOUTH AMERICA

- 12M PON OLT ports
- 4,5M Ethernet ports
- 6M VoIP ports
- 2M IPTV set-top boxes
- 1,2M TDM ports

Rostelecom SAT-TRAKT TELECOMMUNICATIONS m:tel VimpelCom GAZPROM

ORION telekom SBERBANK idtech SMART CONNECTIONS iPHOTONIX ELTEX

ESR SERIES SERVICE ROUTERS

Eltex develops own solutions for various application fields: deployment in information networks of carriers, telecom providers, manufacturing enterprises of large, medium and small business. The product range includes routers with support of L2 and L3 VPN.
Eltex equipment is designed to perform a wide range of tasks related to network security.

Under development

Performance	ESR-10	ESR-12V	ESR-12VF	ESR-1000 ESR-1200	ESR-1700	ESR-20	ESR-21	ESR-1500
Firewall/NAT/routing (1518V frames), Gbps		1.1		9.8	40	4	4	
IPsec VPN (1456V frames), Gbps		0.167		3.2	20.4			
VPN tunnels		10		500	500	250	250	500
Static routes		1K		11K	11K	11K	11K	11K
Amount of concurrent sessions		512K		512K	512K	256K	256K	512K
BGP routes		800K		2.8M		1.4M		2.8M
OSPF routes		30K		500K		300K		500K
RIP routes				10K				
FIB size		800K		1.7M		1.4M		1.7M

Hardware features	ESR-10	ESR-12V	ESR-12VF	ESR-14VF
Interfaces				
Ethernet 10/100/1000Base-T	4	8	8	8
1000Base-X SFP	2		1	1
USB 2.0	2	1	1	1
FXS ports		3	3	4
FXO ports		1	1	
Technical features				
RAM	2 GB	2 GB	2 GB	2 GB
Integrated Flash memory		0.5 GB		
Power supply	220V AC	220V AC	220V AC	220V AC

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ESR SERIES SERVICE ROUTERS

Hardware features	ESR-1000	ESR-1200	ESR-1500	ESR-1700
Interfaces				
Ethernet 10/100/1000Base-T	24	12	4	
Combo 10/100/1000Base-T/1000Base-X (SFP)		4	4	4
10GBase-R SFP+/1000Base-X	2	8	6	8
1000Base-X SFP				1
USB 2.0	2	2	3	2
USB 3.0	2	2		
SD card slot	•	•	•	•
Technical features				
RAM	up to 8 GB	up to 8 GB	up to 32 GB	up to 32 GB
Integrated Flash memory	1 GB	1 GB	1 GB	1 GB
Power supply	220V AC/48V DC	220V AC/48V DC	220V AC/48V DC	220V AC/48V DC
Power module redundancy, hot swapping support	•	•	•	•
Replacement fan modules	•	•	•	•
Hardware encryption acceleration	•	•	•	•
DPI hardware acceleration	•	•	•	•
HDD support				•

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