



# **Universal routing platform**

# ... is not any more exclusively domain of large telco carriers...

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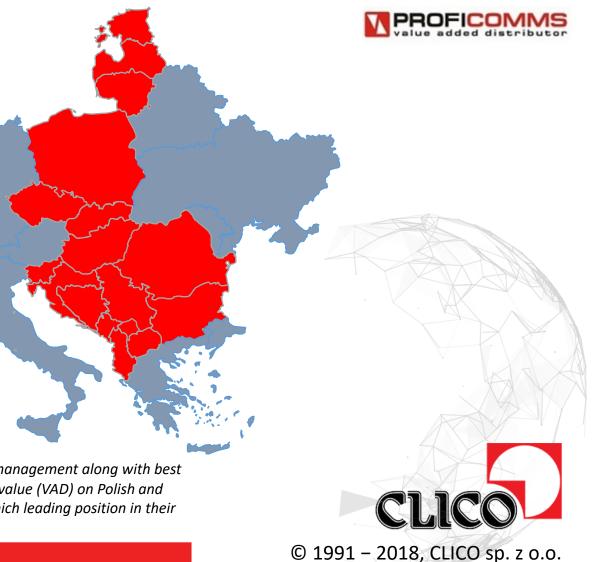


# **CLICO in Europe**

- Poland: HQ Kraków, Offices: Katowice, Rzeszów, and Warsaw
- Bulgaria: Sofia
- Croatia: Zagreb
- Czechia, Slovakia: Praha
- Romania: Bucharest
- Slovenia: Ljubljana
- Serbia: Belgrade
- Hungary: Budapest
- Strong presence(VAR) in Baltics

Our mission and ambition is to offer best in their class products in scope of security, networking and management along with best technical and sales support. Acting since 1991 year as a largest specialized distributor with an added value (VAD) on Polish and Eastern European markets we have been successfully introducing and promoting unique solutions, which leading position in their segments is being consequently confirmed by reports of independent analysts (Gartner, IDC).





# Clico – portfolio









### **PROFIcomms s.r.o. introduction**

- Communication and security technologies distributor for CZ and SK
  - Company, metro and telco networks
  - Industry communication, CCTV systems, security and surveillance applications
- Value added distributor:
  - Wide pre-sales and application support
  - Above standard technical support for all project phases
  - Wide service support
- Sister company of Network Group s.r.o.- distributor of passive network elements (structured cabling, optical and metallic cables, accessories)
- Based in v Brno, on the market since 1993
- 28 employees: incl. 8 technicians and 10 sales rep.
- ISO 9001











### **PROFIcomms s.r.o. portfolio**





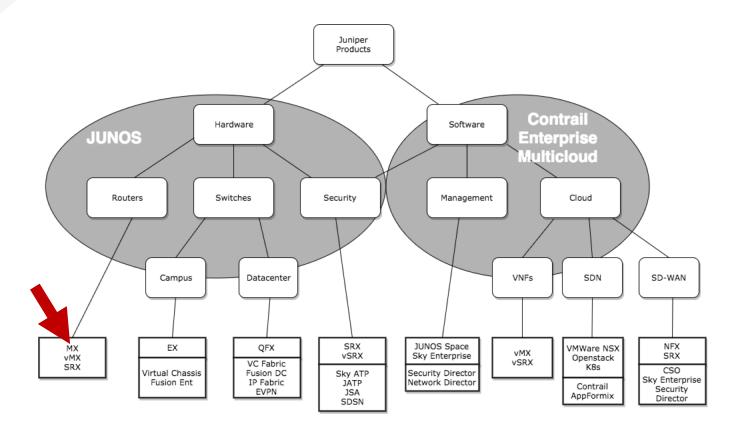




# Juniper portfolio overview







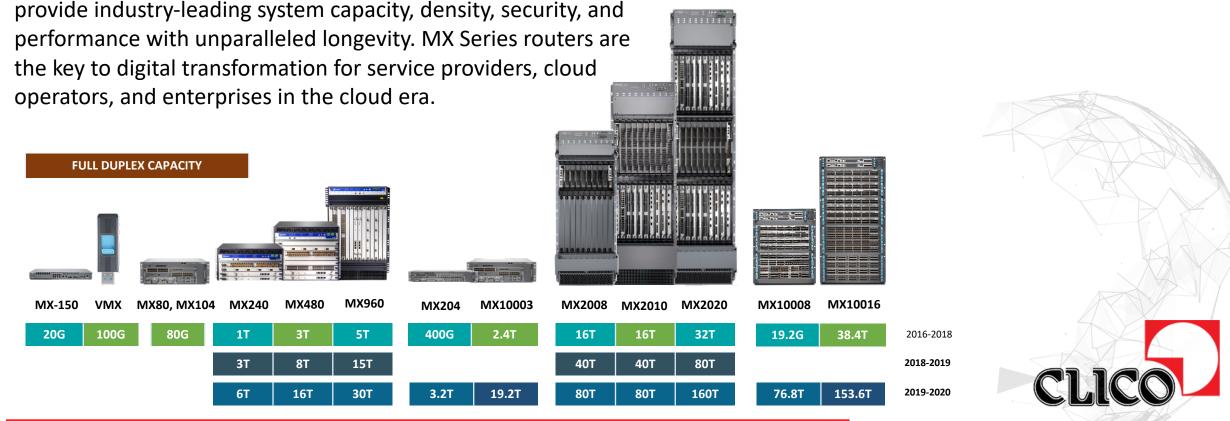


### Juniper MX Series 5G Universal Routing Platform

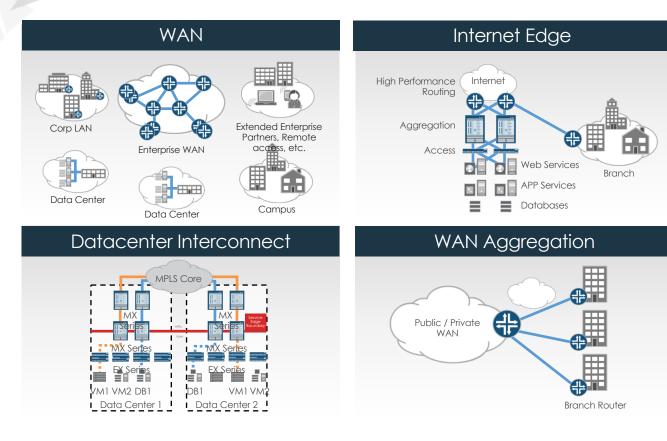
A robust portfolio of SDN-enabled routing platforms that







### Juniper MX enterprise usecases:









### Juniper MX: EFFICIENT & OPTIMAL





#### **Significant Savings**

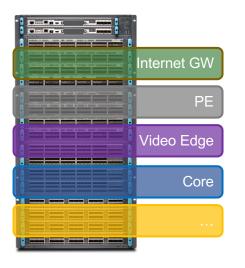
Multiple virtual network functions on a single physical device

#### **Operationally simple**

Consistency and reusability of equipment anywhere in the network

#### Scale-up & Scale-out

Maximum operational efficiency with any architecture, scale up or scale out

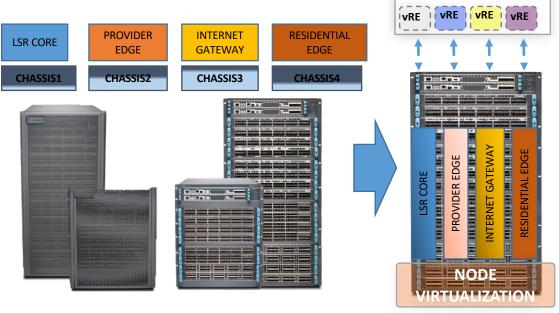




### HYPERVISOR FOR NETWORK SERVICES







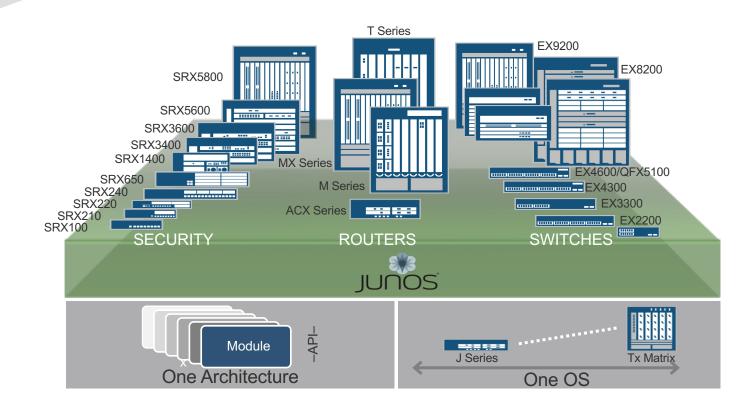
- Multiple Services over the same infrastructure
- Functionally, operationally & administratively isolated
- Independent life-cycle management
- Shorter Service/SW qualification cycles
- Simpler and Faster Service deployment
- Reduced failure domain
- Isolated scale characteristics





### JUNOS – One OS



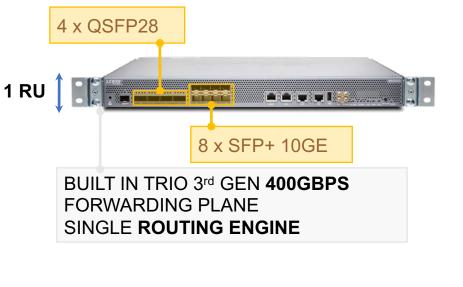




### Juniper MX204 Compact Router









#### **KEY FEATURES**

#### **Compact Design**

- Fixed form factor 1RU platform
- 19 inch, 515mm depth, ETSI 600 compliant
- 400G bandwidth
- Multi-rate (4)100GE, (4)40GE and (24)10/1GE ports
- Full HQoS, 1588, SyncE

#### **Routing Engine**

• Multi-core X86 based single RE

#### Power

- Power efficient ~ 0.9W/G
- AC/DC PSMs; 1+1 redundancy

#### **Cooling & NEBS**

• Redundant, Front to back air-cooling, NEBS Compliant

### **Fifth Generation Trio ASIC**







LESS THEN 0.25W/G INLINE L2 / L3 CRYPTO (Industry First) 100GE and 400GE OPTIMIZED FLEXE LINK BONDING

#### MX240, MX480, MX960 MPC

- 1.5T target per slot
- 100GE optimized
- Backward compatible with all Trio MPCs

#### MX2008, MX2010, MX2020 MPC

- Targeting 4T per slot
- Less than 0.25W/G
- Fully backward compatible

#### **Packet Forwarding Engine**

- Very high capacity security with inline encryption/decryption
- Full HQoS and inline services

#### Upgrade

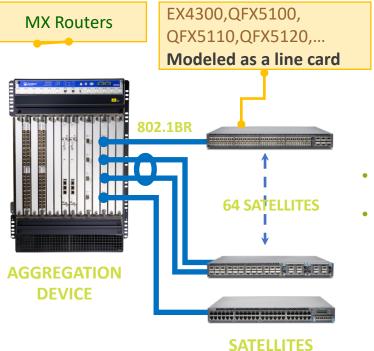
- No change to existing fans and power supply
- New Fabric and Line Card only



### JUNOS Fusion Provider Edge (JFPE)







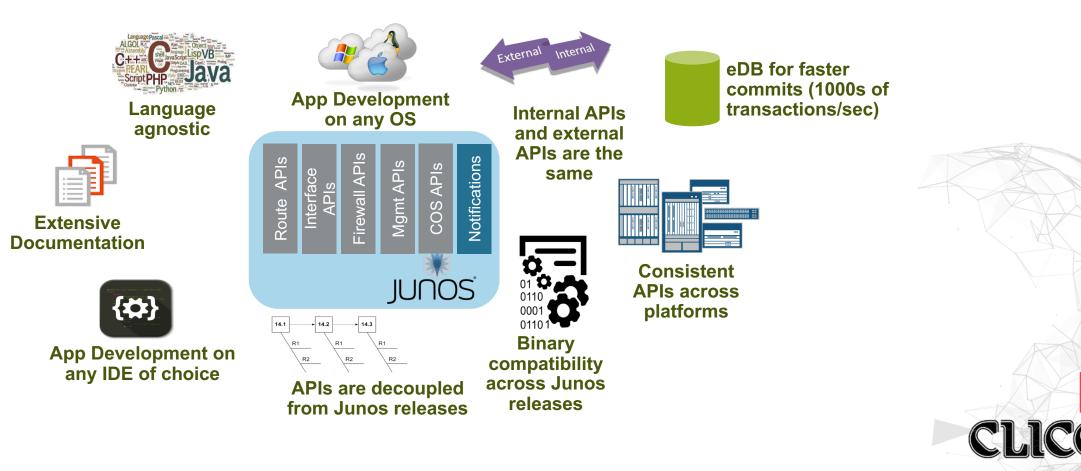
- Scalable solution for low speed (1GE/10GE) interface aggregation
- Simple management, configuration, upgrades via MX





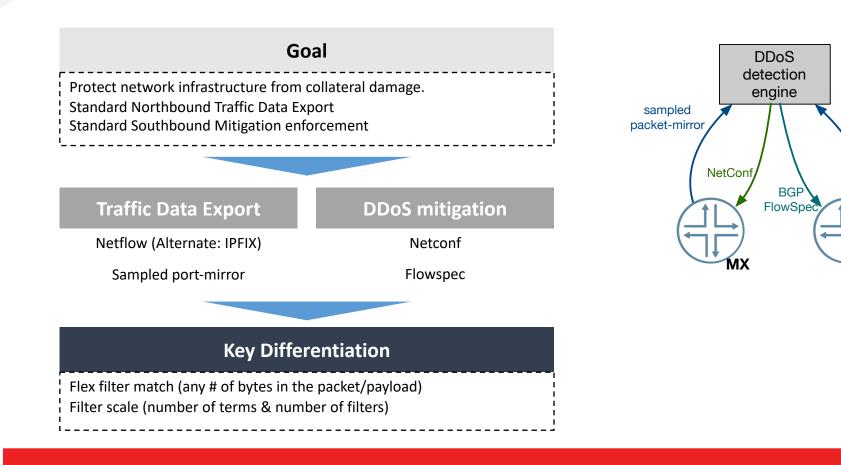
### Junos – Extensible OS







### **Pervasive & Instantaneous DDoS Mitigation**





sampled

packet-mirror

### **Data Retention projects newly at PROFIcomms**







- SOLUTION OF FLOWMON COLLECTOR AND JUNIPER ROUTER MX204
- WE'LL PREPARE YOUR TAILORED SOLUTION FOR FREE
- WE WILL HELP YOU WITH THE SUBSIDY
- FOR MORE INFORMATION STOP AT OUR STAND



### And there's much more...











# Thank you for your attention!

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