## JUNI

## **Juniper's Framework for Network Sustainability**

A powerful framework for sustainable networking deployment

Juniper and STL Partners crafted an in-depth report on the importance of implementing a comprehensive approach to sustainable networking

### **Telecom is focused on driving** sustainability initiatives

of Tier-1 and Tier-2 telecom operators 73% have committed to net zero emissions between 2040 and 2050



## But traffic growth driven by data-intensive apps puts these initiatives at risk



Annual traffic growing up to



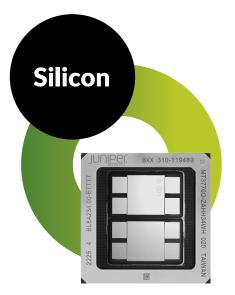
Maintaining pace with this growing demand threatens global net-zero emissions goals

How can you reduce energy consumption without sacrificing end user experience?

#### Juniper's end-to-end sustainability framework offers hope

Juniper's innovative framework focuses on leveraging the right silicon, systems, and operations—including the right automation, analytics, and AI-to create a solid foundation for more sustainable, scalable networks





Juniper's Express 5 silicon powers Juniper PTX Series routers, leveraging

# **7nm** silicon technology

to deliver faster switching, higher density, and an energy efficient



CORA delivers efficiency and savings with a







#### **Juniper Paragon**

Automation helps reduces TCO up to



#### **Juniper Mist**

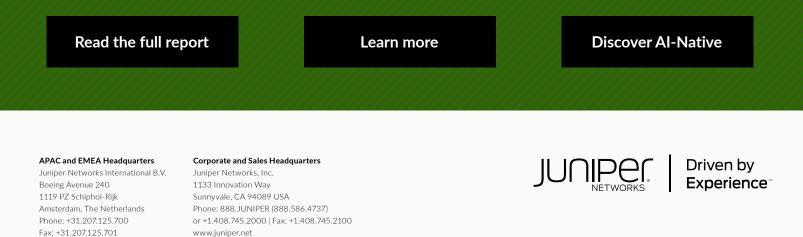
helps reduce truck rolls by up to



#### Together we can take decisive action to execute meaningful

#### sustainability initiatives across your entire network

#### Learn more about how Juniper Networks and our partners are leading the way



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