Boost your ROI

with a Robust Design for Wi-Fi 6

The Wi-Fi 6 standard improves the performance of multiple clients with new advances. However, Wi-Fi 6 by itself is insufficient in addressing the core operational and cost challenges. Specific capabilities embodied in individual vendor solutions over and above the standard itself are where the ultimate value of Wi-Fi 6 resides.

Wi-Fi 6 Advances

OFDMA

Improves RF efficiency by centralizing scheduling

1024-QAM

Improves data rate with 25% more efficiency

MU-MIO

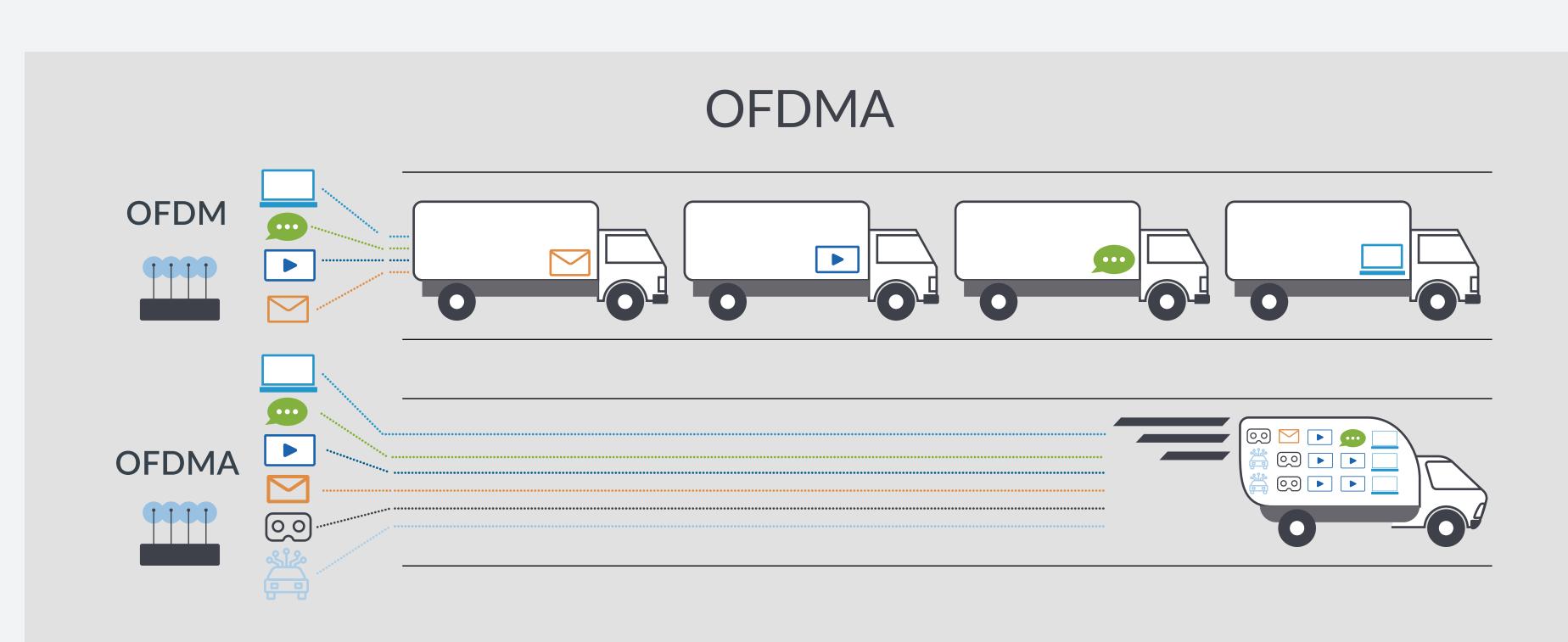
Supports higher density with increased group size from 4-8 users

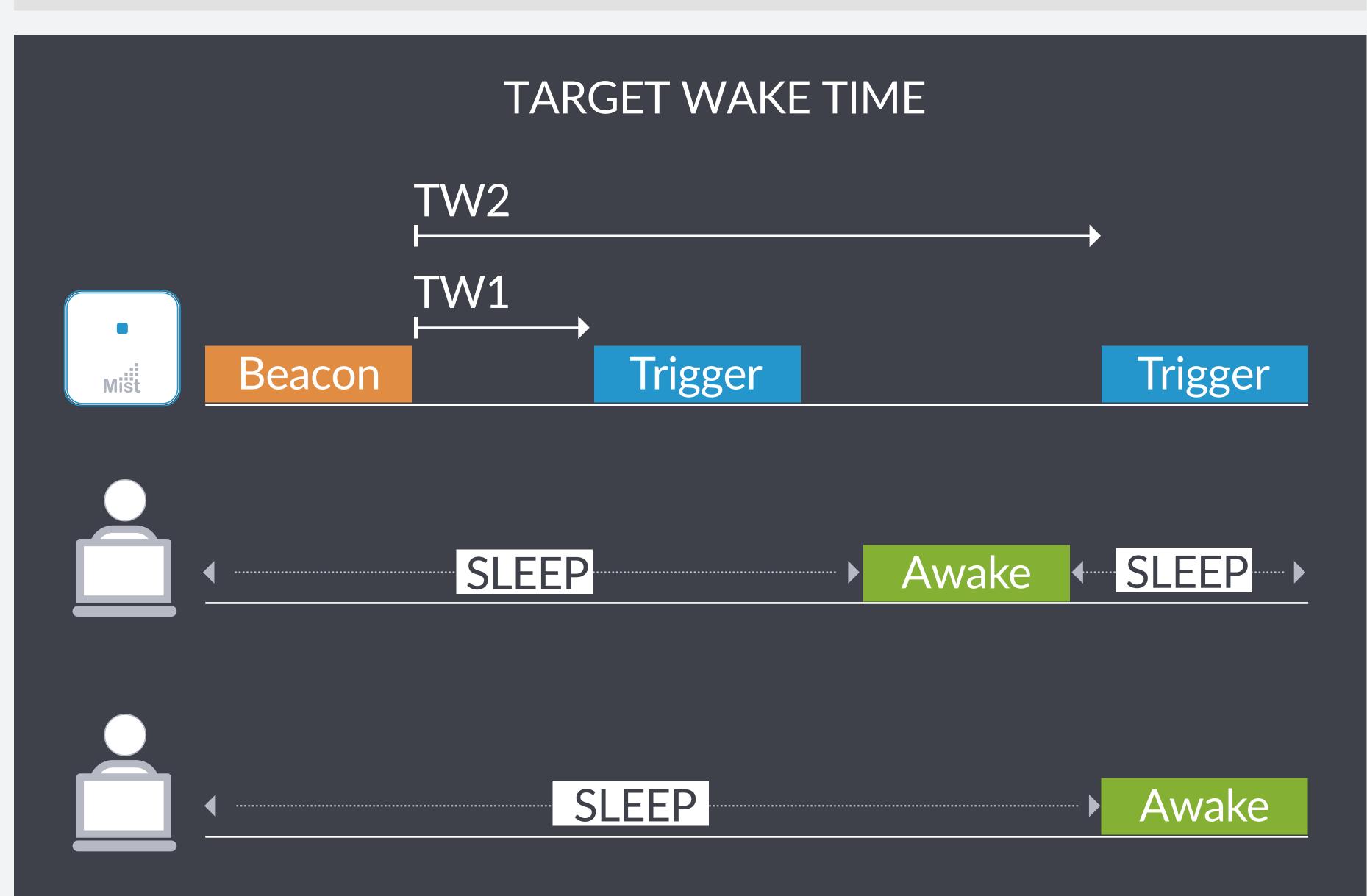
Target Wake Time (TWT)

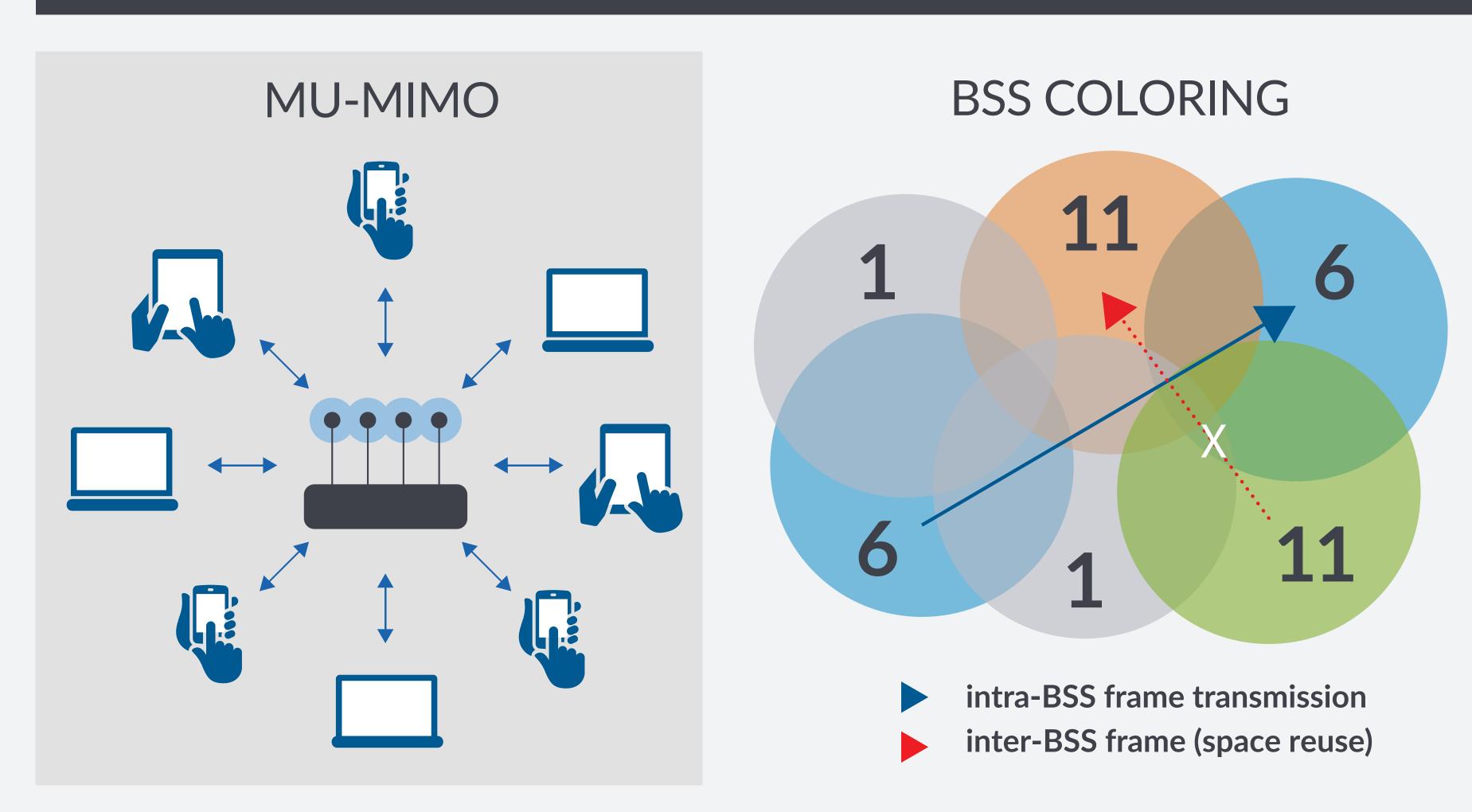
Reduces power usage and contention for IoT devices

BSS Coloring

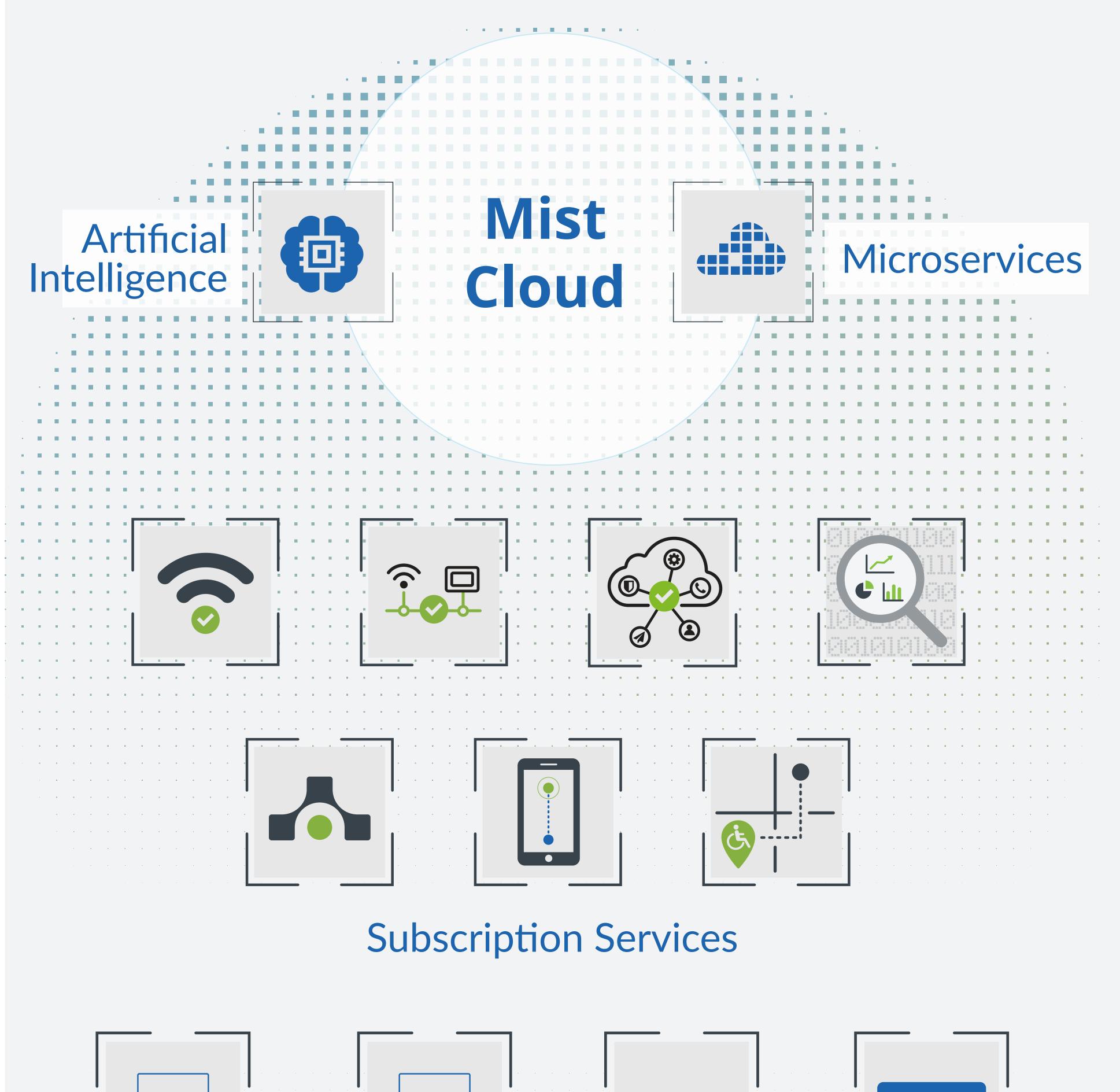
Adds spatial reuse for better efficiency in dense networks

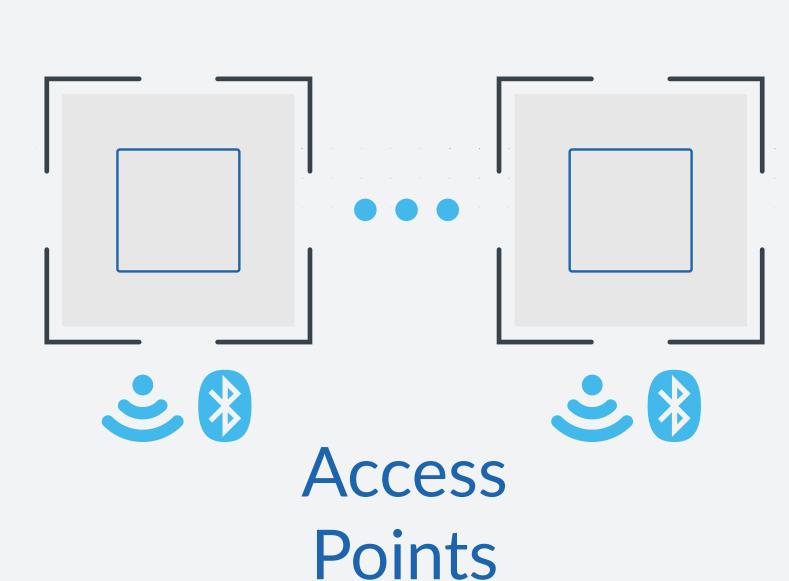


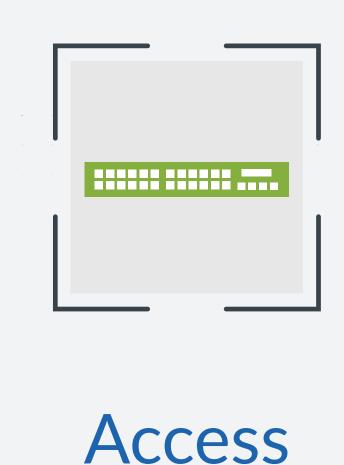




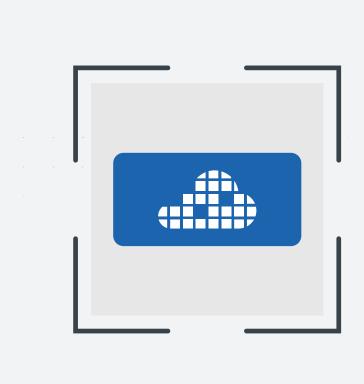
Al-Driven Innovations







Switches



Edge Services

Boost Your Wi-Fi 6 ROI

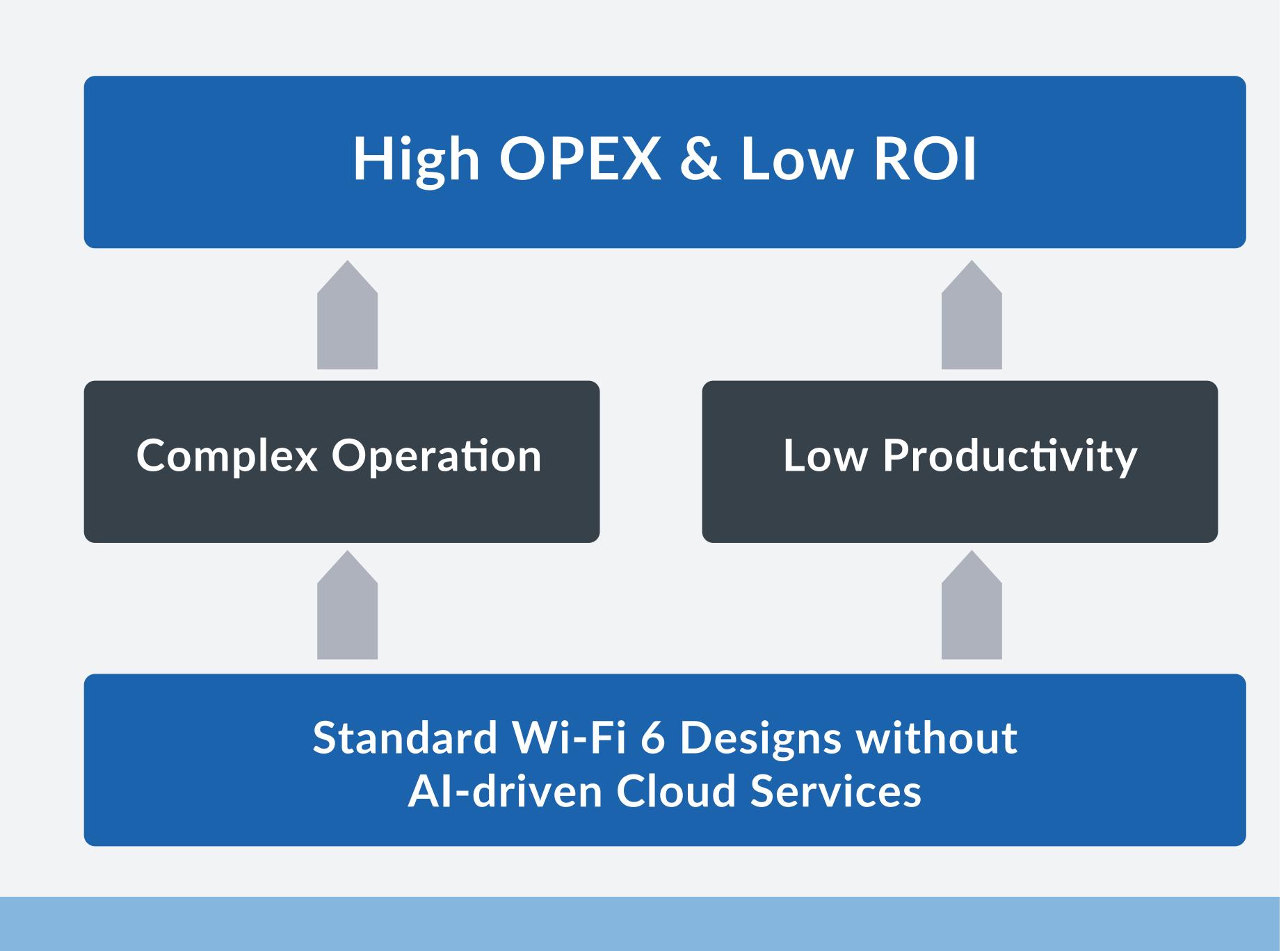
- Assure user experience with Service Level Expectations (SLE)
- Support new devices and apps with agile, microservices-based cloud platform
- Unify your Wireless, Wired and WAN network management and operations
- Automate operations with 100% API support
- Deliver location services, loT applications and analytics with integrated Wi-Fi, BLE, IoT

Mist Al for AX

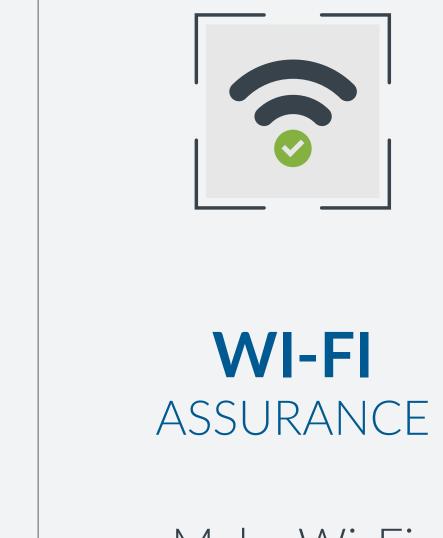
- Intelligent Band Selection
- Sticky Client Mitigation
- BSS Color Assignments for High-Density Environments

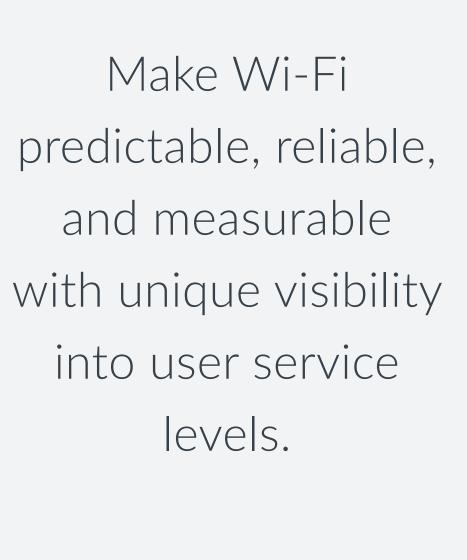
Standard Wi-Fi 6 Design Challenges

- Complex IT and network operations
- Low productivity of IT staff due to manual operations
- Monolithic and brittle legacy architectures
- High OPEX & low ROI



Deploying Wi-Fi 6 with Juniper Mist Cloud Services

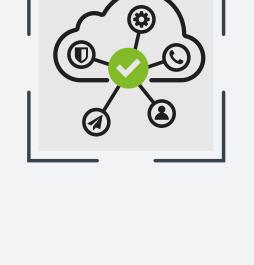






WIRED

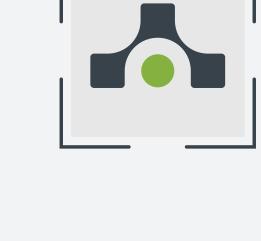
ASSURANCE Deliver reliable wired experiences with service levels enabled by rich Junos switch telemetry.



WAN ASSURANCE Enables simpler

operations, visibility and better end-user and application experiences, and shorter mean time to repair for the

WAN.



MARVIS VIRTUAL ASSISTANT

Simplify everyday IT tasks with the first and only Al-Driven Virtual Network Assistant.



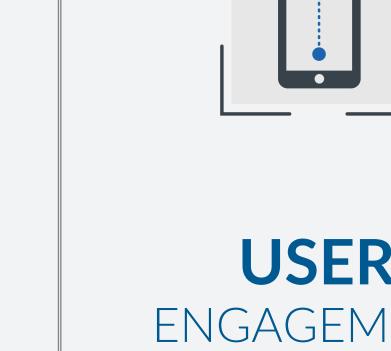
PREMIUM ANALYTICS Accelerate Your Digital

Transformation with

End-to-End Visibility

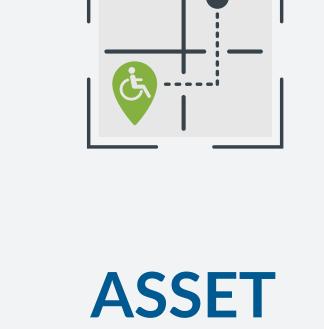
and Business

Insights.



USER ENGAGEMENT Leverage Virtual Bluetooth LE

location services.



VISIBILITY Find key assets and

people, and detailed location analytics technology and with Mist's patented cloud-based machine learning for Virtual Bluetooth LE real-time indoor technology.