

Senate of Romania

Networking the world's third-largest government building

Mist makes every connection count

[Explore the platform →](#)

Industry

Government

Region

EMEA

Overview

"With Mist, we achieved wireless coverage for **90%** of the hallways, **40%** of the office spaces, **100%** of the conference spaces, and **90%** of the surrounding courtyard. **Our goal is to reach 100% Wi-Fi coverage.**"

Carlo Manuel Papuc
IT Director, Senate of Romania

Mist's AI-native networking delivers exceptional experiences in an exceptional building

The Senate of Romania, one of the two chambers of Romania's Parliament, plays a central role in the country's legislative process and policymaking. To support its legislative mission and rich cultural experiences at the Palace of Parliament, the third largest government building in the world, the Senate upgraded to Mist™, Juniper's AI-native, cloud-native networking platform, to ensure exceptional user experiences and simplify IT operations.

Challenge

The Palace of Parliament in Bucharest is a magnificent and massive structure with 1,000 rooms spanning 12 levels and 365,000 square meters of floor space. It has thick concrete walls, marble hallways, monumental steel and bronze doors, heavy velvet and brocade curtains, hundreds of crystal chandeliers, and carpets that would cover 28 soccer pitches. The Senate occupies about 40% of the Palace of Parliament, with the Chamber of Deputies and museums occupying the rest.

The Palace is also a wireless network engineering nightmare: a large-scale environment that absorbs Wi-Fi signals and creates radio interference, along with a high density of government officials, event attendees, and tourists.

"It is very difficult to deliver Wi-Fi in all the spaces," said Carlo Manuel Papuc, IT Director for the Senate of Romania.

With slow and limited Wi-Fi coverage, the Senate wanted to upgrade to a high-performance, secure wireless network to meet the needs of the nation's legislative branch and the public.



"With Mist, we have a **60% faster response time** to network-related incidents."

Carlo Manuel Papuc
IT Director, Senate of
Romania

Transformation

The Senate deployed Juniper's AI-native networking platform to manage their wireless access, covering 146,000 square meters indoors and 60,000 square meters of gardens.

Mist leverages over a decade of high-quality data and AI learning to assure that every connection is reliable, measurable, and secure for every device, user, application, and asset at every location—even in the toughest wireless environments like the Palace.

Outcomes

World's third-largest
government building

206,000

Square meters covered by
Mist Wireless Access

Streamline network
operations

60%

Faster response time to
network-related incidents

Secure network

2,000

Government officials
and visitors may use
the Wi-Fi daily

Product Component List

[Juniper AP63 Access Point](#)

[Juniper AP43 Access Point](#)

[Juniper AP33 Access Point](#)

[Marvis AI Assistant](#)

[Juniper Wi-Fi Assurance](#)

[Juniper Indoor Location
Services](#)

[Juniper User Engagement](#)

[Juniper Asset Visibility](#)

[Juniper Premium Analytics](#)

Mist AI-native, cloud-native networking

The Mist platform leverages the Marvis® AI engine and a 100% open API-driven microservices cloud architecture to assure every wireless, wired, and virtual Bluetooth® Low Energy (vBLE) connection is reliable, measurable, and secure while streamlining network operations.

Marvis® AI Assistant works with the Marvis AI engine to provide proactive and prescriptive actions that streamline operations and optimize user experiences.

"From an administrative perspective, the Mist platform assures flexibility and ease for the initial configuration, role-based administration, comprehensive monitoring and management, and swift troubleshooting," said Papuc.



Key takeaways and outcomes

Exceptional user experiences in a building visible from space

On a typical day, 800 to 1,500 Senate employees and 500 tourists use the Wi-Fi at the Palace. Events at the international conference center may have 2,000 attendees. Mist's AI-native networking delivers exceptional Wi-Fi experiences in the monumental building and across expansive gardens while the IT team has greater network visibility and control.

● Wi-Fi for government and tourism

Senate committees, plenary sessions, and working groups can simultaneously stream broadcast-quality audio and video. Conference attendees, tourists, and other guests can gather and have fast, secure access to their applications and data.

Great Wi-Fi brings new possibilities, too. "We are creating an augmented reality app to bring to life the old city that was destroyed during Ceaușescu's era to build the Palace," said Papuc. "People will be able to explore these memories through our augmented reality headsets."

● AI-native security safeguards network access

Mist brings AI-native network security to protect Senate officials, museums, and guests from cyber risks. IT can easily detect and locate unauthorized rogue access points and clients within a controlled perimeter, even after business hours.

The Mist platform supports the Senate's compliance with NIS2, the expanded European Union Network and Information Security Directive, which is expected to be ratified into Romanian law in 2025.

● 60% faster response time to network incidents

The Marvis AI engine brings AI-native operations that enable deep network visibility, minimize manual troubleshooting, and assure exceptional user experiences to support Romania's lawmakers and cultural activities.

More information

The Mist platform: purpose-built with AI and for AI

To learn why Mist is The NOW Way to Wi-Fi, visit
<https://www.juniper.net/us/en/dm/the-now-way-to-wifi.html>

To get Juniper's Blueprint for AI-Native Acceleration, visit
<https://www.juniper.net/us/en/solutions/blueprint-for-ai-native-acceleration.html>

Take the next step

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