

FEDERAL FUNDING IS PROVIDING BILLIONS FOR AIRPORT MODERNIZATION.

Revolutionizing the traveler experience from the curbside to the jetway.



A remarkable traveler experience is the cornerstone of the airport of the future.

And the future is today.

Airport automation is undergoing a revolution in digital transformation. As technology rapidly advances, more than 900 million annual travelers increasingly anticipate and expect a curated and fully integrated airport experience. Managers will need operational simplicity, reliability, data-driven insights, and security to meet the challenge. And, systems will need seamless location services, additional bandwidth, availability, and resilience.

Juniper's AI-driven architecture and the newly available federal funding enable airport terminal infrastructures to modernize, evolve, and lead this dynamic paradigm shift.

Automating processes for airport travelers, personnel, and merchants, Juniper's lifecycle suite of services and technology captures connected user experiences and actionable insights for delivering operational efficiencies and ensuring high-quality, innovative engagements. All saving time and money for managers, tenants, and staff.

Fueling possibilities.

Juniper takes AI from the research laboratory into commercial use.

AI using modern cloud microservices is at an inflection point and Juniper is leading the way. As AI in commerce grows exponentially, new capabilities and new applications will continue to drive infrastructure needs and ignite traveler and business expectations.

With Juniper, airports can rethink what's possible to meet the requirements of a vision for a future that is here now.

JUNIPER'S AI-DRIVEN ARCHITECTURE

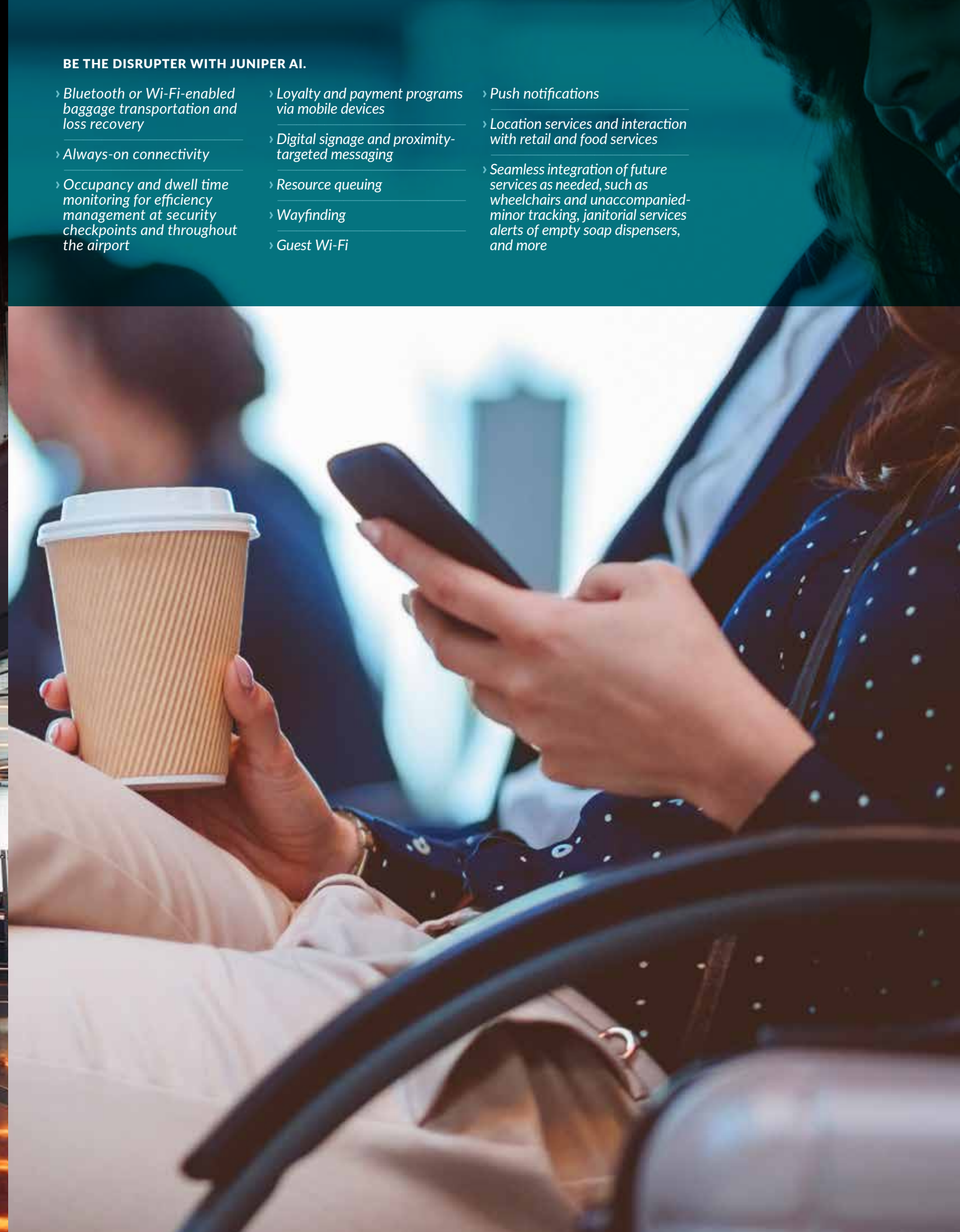
- › Dynamically **captures** 150+ experience metrics on every network-connected user or asset without disturbing staff
- › **Provides** Wi-Fi APs with virtual Bluetooth LE (vBLE) beacon technology onboard to combine best-in-class Wi-Fi and Bluetooth for accurate real-time location services for enhanced experiences and public safety
- › Further **simplifies** operations with natural query language with the Marvis® Virtual Network Assistant
- › **Digitally connects** concessions with travelers sending notifications, creating efficiencies, and driving increased revenue. An elegant Software Development Kit (SDK) leveraging Open Application Programmable Interfaces (APIs) creates a foundational platform for future innovation using third-party applications and extensible wireless telemetry.

Reimagining the modern airport.

Connected devices, their abundant data, and Juniper with integrated location services in the airport environment will lead to significant innovation and increased passenger satisfaction through new and improved capabilities.

BE THE DISRUPTER WITH JUNIPER AI.

- › Bluetooth or Wi-Fi-enabled baggage transportation and loss recovery
- › Always-on connectivity
- › Occupancy and dwell time monitoring for efficiency management at security checkpoints and throughout the airport
- › Loyalty and payment programs via mobile devices
- › Digital signage and proximity-targeted messaging
- › Resource queuing
- › Wayfinding
- › Guest Wi-Fi
- › Push notifications
- › Location services and interaction with retail and food services
- › Seamless integration of future services as needed, such as wheelchairs and unaccompanied-minor tracking, janitorial services alerts of empty soap dispensers, and more



Automation and data-driven decision-making.

End-to-end insights that deliver efficiencies across the operation.

Juniper's AI-driven architecture looks at the network, users, and their connected devices as a cohesive environment. Issues can be identified at the source, accessed, then immediately remedied at the site of occurrence and in real-time, versus generating an open ticket awaiting resolution. Advanced analytics, predictability, and anticipating behaviors allow supervisors to manage with the knowledge needed to achieve efficiencies, and time and cost savings.

Operationalizing AI.

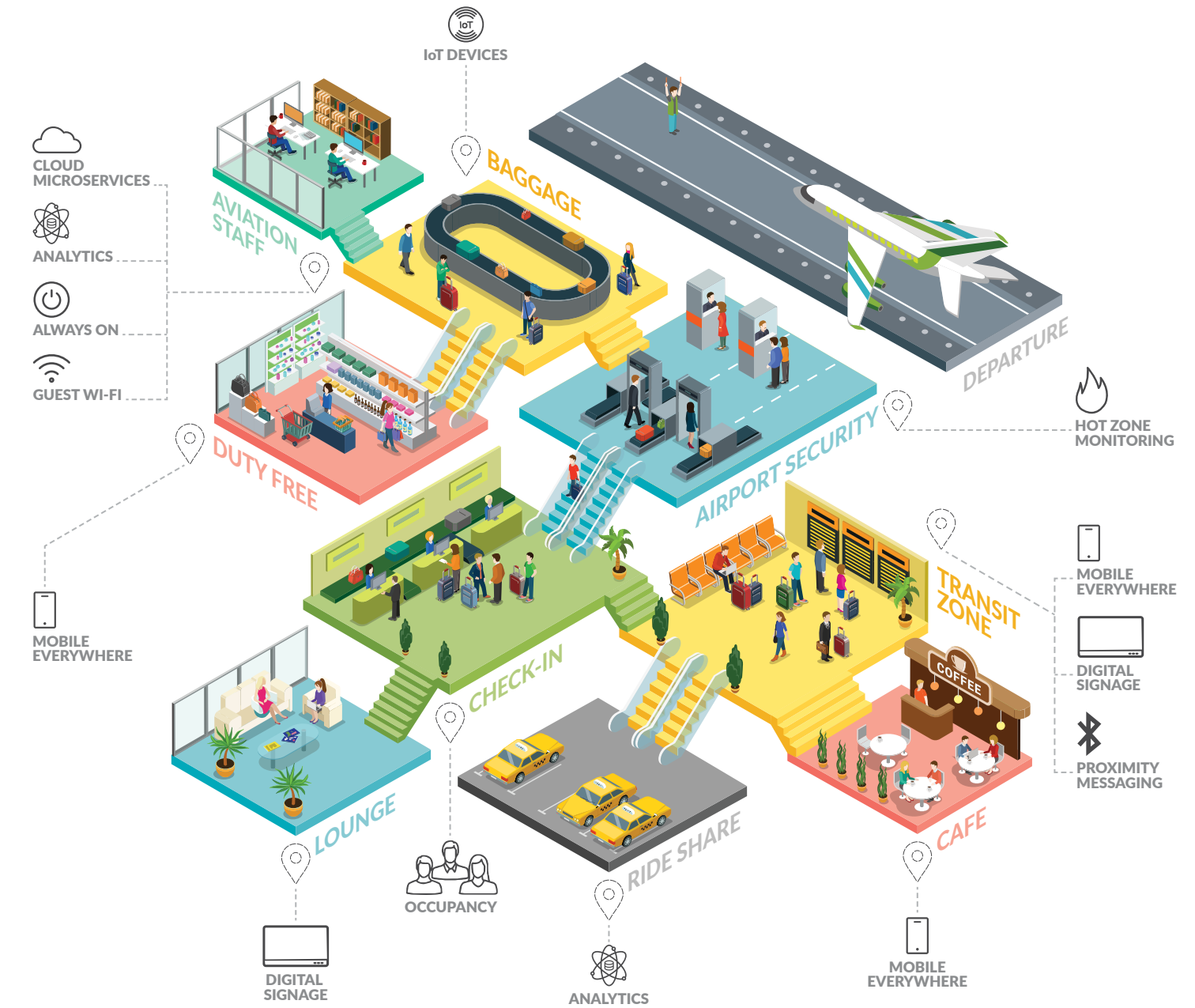
How it works.

Centralized AI options
Consolidate data across the airport systems and applications.

Virtual network assistance
Transform operations from reactive troubleshooting to proactive resolution.

Modern SaaS cloud
The power of microservices.

Open cloud
Rich API suite for continued innovation with third-party airport applications.



Juniper airport solutions Traveler experience assurance

<p>RELIABLE TERMINAL NETWORK INTERCONNECT</p>	<p>HIGHEST EFFICACY CYBERSECURITY</p>	<p>AUTOMATED DATA CENTER</p>
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<p>Cloud microservices Innovate for experience and safety</p>	<p>Occupancy Know tenants, security, travelers</p>
<p>Mobile everywhere Wayfind, notify, pay, reward loyalty</p>	<p>Analytics Make better business decisions</p>
<p>Guest Wi-Fi See real-time traveler experience</p>	<p>Proximity messaging Increase accuracy with virtual beacons</p>
<p>Always on Scale the connected experience</p>	<p>IoT devices Integrate telemetry data and operations</p>
<p>Digital signage Target messaging, update services</p>	<p>Hot zone monitoring Automate scheduling and queueing by zone</p>

Opportunities everywhere.

With Juniper, airports are future ready.

Every step of the journey, Juniper innovation is helping airport IT exceed the expectations of travelers and businesses—today, tomorrow, and into the next decade.

Partnering with industry consultants and the top systems integrators focused on airports, no airport IT project is too daunting. Juniper's AI-driven architecture is leading the industry for wired and wireless networking and delivering exceptional outcomes.

Let Juniper help reimagine your airport today.



Discover why six of the Global Fortune 10 are driven by Mist AI. Register for a demo today!

Questions? Contact us at airports@juniper.net.



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