22MILES

22Miles Transportation Solutions

Delivering Smarter Passenger Communication & Seamless Travel Experiences

In bustling airports and train stations, passengers are asking critical questions:

- **Is my flight or train on time?**
- **Has my gate or platform changed?**
- **Where is the nearest café, restroom, or service area?**
- **Which security line is the shortest?**

The Challenge: Simplifying Complex Transportation Environments

Transportation environments operate under constant change:

- **Live schedule updates across thousands of endpoints**
- **Multilingual passenger flows and ADA compliance requirements**
- **Mission-critical messaging with zero tolerance for downtime**

The Solution: Intelligent, Integrated Passenger Experiences

Transportation hubs require digital solutions that maximize uptime, passenger throughput, dwell-time optimization, and compliance. The 22Miles CMS is an enterprise-grade platform built for high-availability environments that delivers reliable, real-time passenger communication through seamless integration with PIDS, FIDS, and operational data systems. With role-based control, system redundancy, and failover protections, 22Miles ensures secure content governance, operational continuity, and consistent communication, even during peak travel or disruptions.

Interactive Wayfinding

3D, fully editable wayfinding designed for complex transportation hubs.

- Fully custom 3D and 2D mapping
- Multi-touch kiosks at any scale
- Mobile navigation via QR codes
- ADA-compliant routing
- AR navigation with POI overlays
- Indoor positioning supported
- Space-efficient vertical displays
- Design-level control, not template-locked experiences
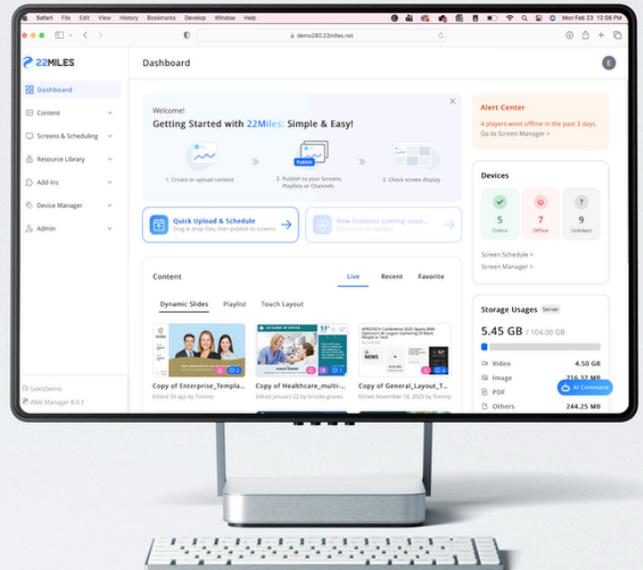

Digital Signage & Video Wall Experiences

Create immersive, real-time communication experiences across transportation hubs.

- Large-format LED and ultra-high-resolution video walls (up to 20K)
- Integration with FIDS, GIDS, weather, radar, and operational data
- Emergency alerts and revenue-generating content opportunities
- Native multi-touch across kiosks, video walls, and mobile
- Unified logic across touch, mobile, and signage
- No separate interaction stack

Advanced CMS & Backend Management

Centralized platform for managing large-scale transportation signage networks.

- Drag-and-drop content design and scheduling
- Automated announcements and event triggers
- Engagement analytics and performance insights
- Enterprise device monitoring and control
- Emergency messaging and screen overrides
- Role-based permissions by facility, terminal, or tenant
- Network health monitoring and failover awareness
- Emergency override precedence built into the platform

AI Assistant & Multilingual Passenger Engagement

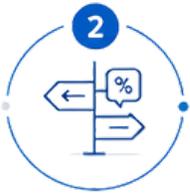Conversational AI delivers personalized, accessible traveler support.

- Native multilingual communication
- Natural language traveler assistance
- Real-time facility and travel information
- Automated customer service escalation
- Touchless accessibility via IoT and sensors

A Connected Passenger Journey, From Curb to Gate

1 — Smart Check-In & Digital Signage

Automate airline branding, counter assignments, and real-time passenger guidance.

2 — Multilingual Wayfinding

Provide intuitive navigation from curb to gate with automatic language and operational updates.

3 — Modern Flight Information Displays (FIDS)

Transform flight data into dynamic, real-time, visually engaging communication.

4 — Security Checkpoint Communication

Prepare passengers with TSA-approved messaging, wait times, and screening guidance.
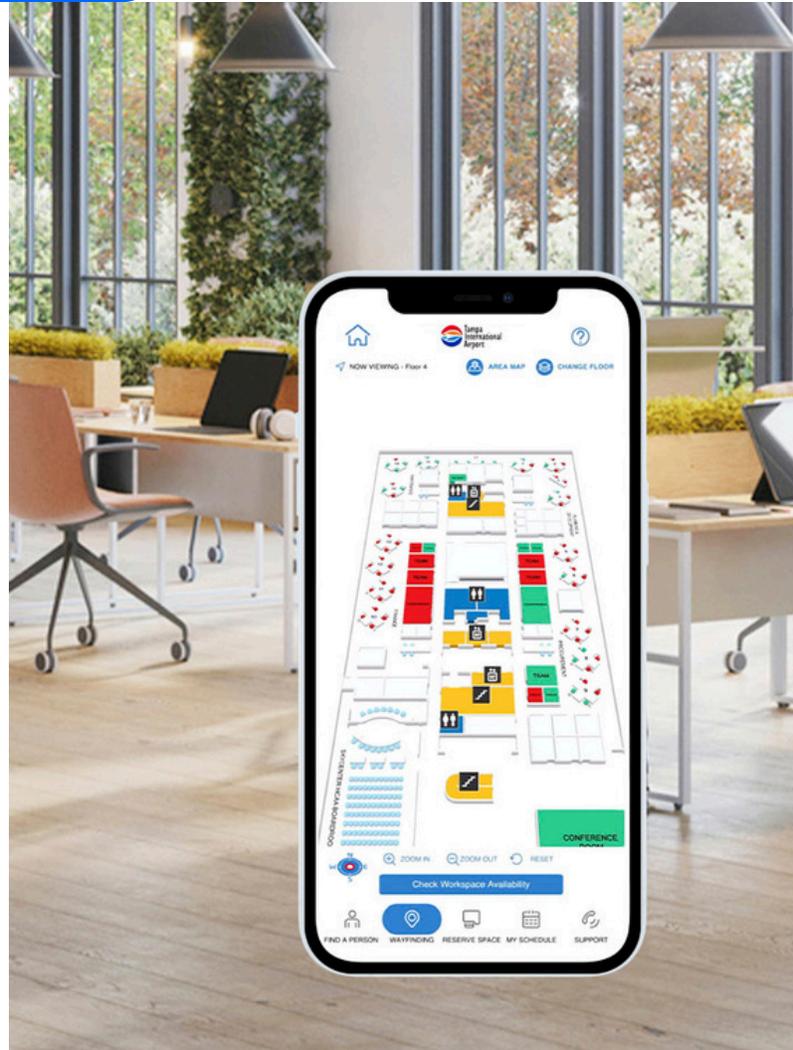
5 — Emergency Messaging

Instantly distribute targeted alerts and safety instructions across facilities.
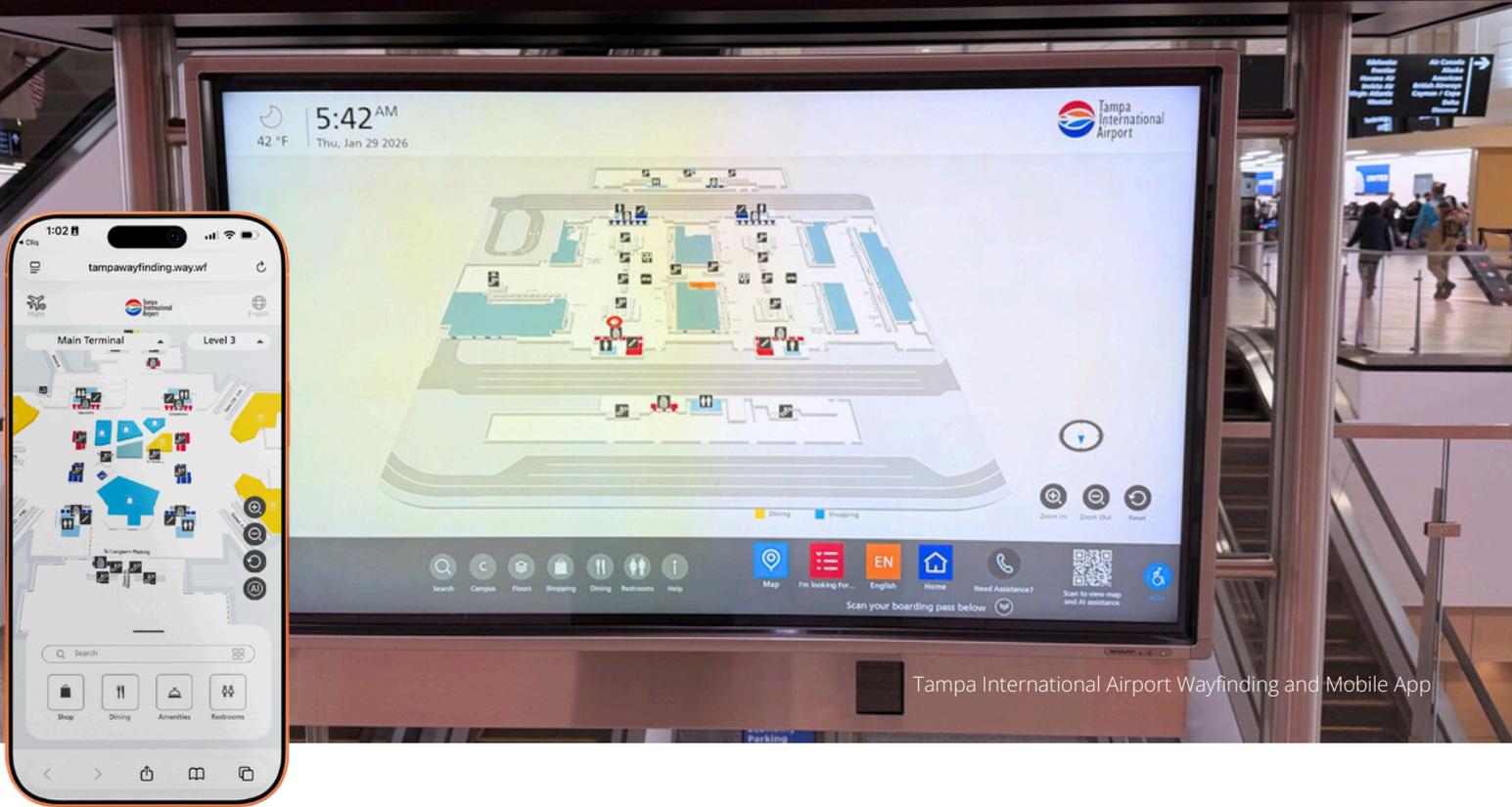
Client Spotlight: Tampa International Airport

Tampa International Airport first partnered with 22Miles to modernize backend workplace communications through a custom mobile app that streamlined space booking, navigation, and hybrid workforce management within SkyCenter One. Building on that success, TPA expanded its digital ecosystem to include interactive, AI-assisted wayfinding and passenger-facing digital signage, extending the same connected, intuitive experience from employee operations to traveler engagement.

Tampa International Airport Wayfinding and Mobile App

Smarter Transportation Experiences with 22Miles

22Miles Transportation Solutions helps organizations:
- Improve passenger satisfaction and navigation confidence
- Reduce operational complexity and manual content management
- Enhance safety, compliance, and emergency preparedness
- Deliver scalable, future-ready digital infrastructure
- Maintain consistent branding across facilities

Optimize your transportation hub today, book a demo!

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