

# ERA<sup>®</sup> digital DAS for transportation

The all digital foundation for connected, safe, and efficient airports, rail, and transit systems.

## Why mobility is now core transportation infrastructure

Modern transportation relies on reliable 4G/5G connectivity to keep people, operations, and safety systems running without interruption.

- Passengers need real time updates, mobile ticketing, and seamless app performance.
- Staff require consistent communication across terminals, platforms, tunnels, and rail lines.
- Operations depend on mobile workflows for baggage, logistics, inspections, and field coordination.
- Safety systems rely on uninterrupted coverage for alerts, sensors, and emergency response.

Connectivity is now as essential as signaling, security, and power.



## Why 5G matters

Transportation hubs require high bandwidth, low latency, and continuous mobility across vast, reinforced, and below grade environments.



### PASSENGER EXPERIENCE

- Real time notifications
- Digital IDs and mobile ticketing
- AR navigation and way finding
- Faster movement and shorter queues



### OPERATIONAL EFFICIENCY

- Fewer dropped calls and smoother handoffs
- Real time coordination across complex facilities
- Faster baggage, gate, and ground handling workflows
- More predictable performance during peak periods



### SAFETY & SMART FACILITIES

- System wide emergency alerts
- Staff duress and safety systems
- Video analytics and access control

# Introducing ERA<sup>®</sup> digital DAS – The all digital, 5G native DAS

ERA<sup>®</sup> digital DAS is purpose built for airports, rail systems, and transit facilities, delivering consistent, high performance 4G/5G coverage across:



Terminals and concourses



Platforms and rail lines



Tunnels and below grade stations



Airfields and logistics zones



Baggage and back of house areas



Service corridors, stairwells, and parking structures

ERA integrates with all mobile operators and supports both on site and centralized 5G architectures.

## What makes ERA digital DAS different

### Digital reliability

- End to end digital transport
- Higher signal integrity
- Predictable mobility throughout the facility

### True neutral host

- Supports all operators simultaneously
- Reduces duplication and simplifies carrier coordination

### Built for transportation

- Engineered for reinforced, high density, and below grade environments
- Flexible access node placement for any layout

### Sustainable & scalable

- Up to 90% less head end space
- More than 50% lower power and cooling needs
- Software driven expansion for new terminals or stations
- Ready for new bands and future 5G advancements



## ERA digital DAS is more than a DAS.

It is the digital backbone of connected, safe, and efficient transportation, engineered by ANDREW<sup>®</sup>.

Since 1937, ANDREW, an Amphenol company, has driven the evolution of wireless technology. Trusted by mobile network operators and enterprises globally, we work closely with our customers to deliver innovative solutions that enhance connectivity experiences both outdoors and indoors. Our dedicated global team is committed to advancing the industry, fueled by the vision that a better-connected future is possible.



[ANDREW.COM](https://www.andrew.com) Visit our website or contact your local ANDREW representative for more information.

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