ERA® DAS

THE ALL-DIGITAL SOLUTION BRINGING CELLULAR TO HOTELS, RESORTS AND CASINOS

ANDREW®
an Amphenol company

A GREAT STAY DEPENDS ON RELIABLE CELLULAR COVERAGE

A guest decides how they feel about your property in the first ninety seconds. They walk into the lobby, they look at their phone, and it tells them something about you. Mobile check-in, keyless room entry, the loyalty app, the ride they need at 6am, the call home — all of it runs over a cellular network you do not own and cannot see. When it fails, it fails as your fault, in a review, with a number attached.

Behind the guest, the property runs on the same signal. Housekeeping and engineering coordinate across floors and back-of-house. Security responds across a footprint measured in acres. Staff safety devices — now required by law in a growing list of jurisdictions — only work if there is coverage in the room where they are pressed.

Reliable cellular coverage is now property infrastructure — every bit as essential as elevators, HVAC, and the locks on the doors.

ERA® DAS is not a future concept. It is deployed and operating at scale today, backed by a decade of real-world digital deployments.

ERA DAS performance in hard-to-reach areas

The ERA DAS is engineered to perform in the parts of a property where signal normally dies — which, in hospitality, are the parts guests pay the most for:

- Guest rooms deep in the building core, and high floors served badly from the street
- Ballrooms, convention halls and meeting space under load
- Elevators, stairwells and long interior corridors
- Spa, pool, and below-grade leisure levels
- Gaming floors, with dense construction and dense crowds
- Back-of-house, kitchens, laundry and loading docks
- Parking structures and sprawling resort grounds

Why connectivity matters for guest experience, operations & staff safety

Guest experience and revenue

Mobile check-in, keyless entry, the loyalty app, digital ordering, the concierge in a chat window — every one of them assumes a signal. When it is not there, the guest does not blame their carrier. They blame the property, in a review, and the next guest reads it before they book.

Staff safety

Staff safety devices are now required by law across a growing list of cities and states, and committed to voluntarily across the major brands. A panic button is only as good as the coverage in the room where it is pressed — which is usually the room furthest from a window.

Operations across a large footprint

Housekeeping, engineering, security and events coordinate across floors, wings, grounds and back-of-house — often on their own phones, on whichever carrier they happen to use. Consistent coverage everywhere is what turns a radio call into a message that just goes through.

GUEST JOURNEY

5G at every step, from booking to checkout

Guests arrive expecting the property to meet them where their phone already is:

- Mobile check-in, check-out and digital folio
- Keyless room entry and mobile keys
- Loyalty app, upgrades, and personalised offers on property
- Digital ordering, room service, and F&B
- Concierge, messaging, and service requests in-app
- Rideshare, valet and transport at the door
- Streaming and calling home from the room, on their own plan

The ERA® DAS preserves signal fidelity end-to-end, so the app the brand spent years building actually works in the building it was built for.

EVENTS, MEETINGS AND GAMING

5G where the crowd is

The rooms that make the most money are the rooms that break coverage:

- Conventions and exhibitions with thousands of devices in one hall
- Cashless gaming and mobile wallets on the floor
- Sportsbook and in-venue wagering
- Live streaming, social and content capture by guests
- Exhibitor and production connectivity
- Digital ticketing and access control for events

Capacity, not just coverage — the difference between a ballroom that works at 8am and one that works at 8am on the keynote morning.

PROPERTY OPERATIONS, SAFETY AND SECURITY

Reliable 5G supporting the property behind the guest

A growing ecosystem of connected systems depends on coverage everywhere:

- Staff safety and duress devices in every room and corridor
- Housekeeping, engineering and work-order coordination
- Security response across floors, grounds and parking
- Property-wide emergency communication
- Autonomous cleaning and delivery robots across guest floors and back-of-house
- Elevator and emergency phones moving from copper lines to cellular

These systems must work everywhere on the property — including the places no guest ever sees, and the places they will never forgive.

WHY 5G DOESN'T REACH INSIDE

Here is the problem: the macro network was built to cover ground, not to get through it. Hotels are built to keep things out — dense floor slabs, concrete cores, low-emissivity glass that stops heat and stops RF with it. The signal that is strong in the porte-cochère can be nothing by the time it reaches a room on the interior of the twentieth floor, or a ballroom below grade. Adding towers outside does not fix it, because the building is the obstacle — and on a resort footprint measured in acres, there is a lot of building.

WHAT A DAS IS

A distributed antenna system brings the mobile operators' networks inside and distributes them through the building. Signal arrives at a headend, travels the site over fiber or CAT cabling, and is radiated by antennas placed where people actually are. One shared system carries every operator at once — so a guest on one carrier and a housekeeper on another get the same coverage from the same infrastructure. It is a purpose-built system designed to deliver consistent mobile coverage and capacity throughout the building.

YOU NEED BOTH WI-FI AND DAS

Every property has Wi-Fi, and it is not going anywhere. It carries the PMS, the POS, the locks, the building systems — the network the property runs. But every guest walking in is carrying a phone that is looking for a cellular network the property does not run, and their expectation is that it simply works, the way the lights do.

Wi-Fi calling does not close the gap. It has to be switched on, and it only works once someone is already on the guest Wi-Fi network — which a guest who has not checked in yet, a visitor at the bar, a delegate at a conference, or anyone who took one look at the captive portal and gave up are not. It hands off poorly at the door. And it does not carry what a cellular network carries: E911 that knows where the caller actually is rather than where the account is registered, wireless emergency alerts to every device in a building, or public-safety communications. A DAS is how the cellular network itself gets inside — every phone, every carrier, automatically, with nothing to switch on.

The two do different jobs. Wi-Fi is the network you run for the devices you own. A DAS is how the operators' networks reach everyone else — so a guest on one carrier and a duty manager on another both have service, in the same ballroom, on the same infrastructure. Properties need both. Guest Wi-Fi is table stakes; cellular coverage is what the guest assumes you already have.

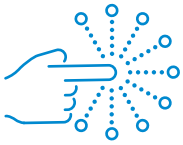
Together, these technologies form a resilient,
multi-layer wireless foundation for modern hotels, resorts and casinos.

Every DAS brings cellular indoors. ERA® DAS is built on four things most cannot claim.

ONE PLATFORM

Any venue. Any operator. Any technology.
One infrastructure supports public cellular, private networks and public safety across a single building or an entire portfolio — from pre-4G through 5G.

Local. Campus. Cloud-RAN.
Deploy in one property, across a resort campus, or centralized remotely across a portfolio, with low-, medium- and high-power radios matched to guest floors, ballrooms, gaming floors, back-of-house and parking structures.



ALL DIGITAL

Digital connectivity. Today. Evolvable.
An industry first: only the ERA platform digitally connects all major RAN vendors to DAS, simplifying operator connectivity.

No analog RF. Anywhere.
Direct digital connectivity eliminates radio heads, POI systems and RF combining in the headend, reducing equipment and infrastructure in space-constrained hospitality environments.

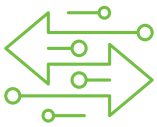
Performance that's measured.
Up to 30% higher signal quality and throughput and up to 98% lower latency in live, high-density deployments.

Smaller. Cooler. Greener.
Up to 90% less headend space and up to 55% lower power and cooling.

SOFTWARE-DEFINED OPERATIONS

Simple to deploy. Intelligent to operate.
Zero-touch configuration, software-defined routing, real-time visibility and built-in security simplify deployment with minimal disruption to a property that never closes.

Lower CAPEX. Lower OPEX.
Fewer RF components, software-based expansion and fewer site visits make it easier to support growth and changing capacity needs.



PROVEN AT SCALE

Proven. Not promised.
All-digital ERA DAS, operating at scale today across hotels, resorts, and integrated properties.

Digital since 2014.
More than a decade of digital DAS innovation, and still advancing.

BUILT FOR EVERY KIND OF PROPERTY

The ERA® platform scales from a single building to a portfolio, supporting:

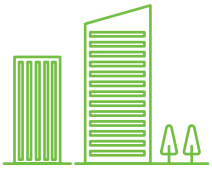
Full-service and luxury hotels

Convention and conference hotels

Integrated resorts and casinos

Resort and multi-building campuses

Select-service and extended-stay portfolios



Mixed-use developments with hotel components

Airport and gateway properties

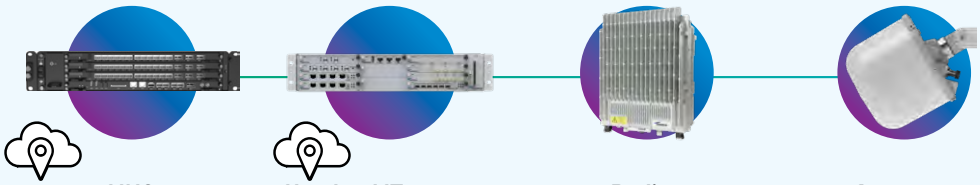
Give guests the one thing they will not ask for

Nobody arrives hoping for good cellular coverage. They arrive assuming it. The ERA digital platform lets a property meet that assumption everywhere — in the room, in the ballroom, on the floor, in the elevator — on every carrier, with nothing for the guest to join and nothing for them to notice.

With the ERA DAS platform, property owners and managers gain:

- A guest experience that works on the guest's own phone, on the guest's own carrier
- Staff safety devices that work in every room, corridor and back-of-house space
- Operational coordination across floors, grounds and outbuildings
- Capacity that holds when the ballroom is full, not just when it is empty
- Universal 4G/5G coverage for all carriers on a true neutral-host foundation
- Lower power, cooling, space and lifecycle cost — in space that could be earning revenue

The ERA all-digital platform is more than a DAS. It is the foundation for a connected, safe, efficient and future-ready property — engineered by ANDREW®.



For the full architecture, see the ERA DAS capabilities brochure.

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.

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Visit our website or contact your local ANDREW representative for more information.