Distributed Antenna Systems
SOLUTION GUIDE

OUR RESOURCES ARE YOUR SOLUTION

CONNECTRONICS

Distributors of
Wireless and Connectivity Products

Wideband DAS

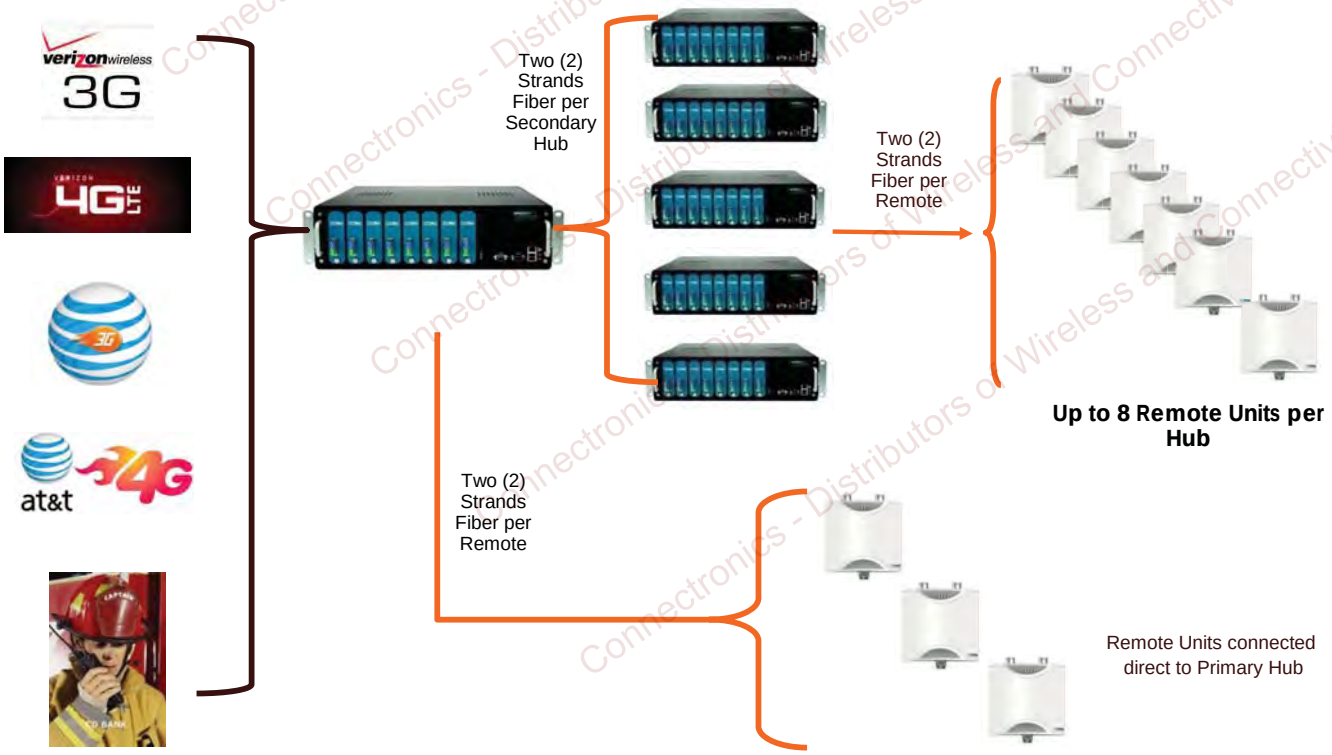
Zinwave is a global provider of unique wideband active distributed antenna system (DAS) technology for in-building wireless coverage.

- No Zinwave core hardware modifications needed to support additional services or bands - flexible architecture enables expansion or upgrade simply by incorporating additional modules
- Remote Units can be powered centrally from the hub location or locally
- Utilizes single-mode fiber – which is lighter, faster, safer, less disruptive and lower cost to install
- Fiber optic cable used right to the remote unit
- Can be designed to give a system capability of up to 64 Remote Units from a single Primary Hub by cascading hubs
- Covers all services in the 150 MHz to 2700 MHz frequency range, including:

GSM 900	GSM 1800	UMTS	Cellular/850
DVB-H	LTE	RFID	PCS/1800
AWS	LMR	SMR	WiFi

Connectronics is Zinwave certified

Zinwave System Deployment Architecture



Zinwave DAS Components - All Four of Them

Simple – One system, all bands, all technologies and modulation schemes.

Hubs

- Primary or Scondary, common chassis
- 4 service modules (on back of hub)
- 8 optical modules
- Switching matrix to control service delivery
- SNMP support
- 110VAC, 2.2A loaded
- 19” rack mount, 3U

Remote Unit

- 5W Class A, Wideband Amplifier
- 150MHz-2700MHz
- 2 x N-type connectors
- 9” x 9” x 3” dimensions

Modules

- Service Module has RF connectors
- Hot swappable
- LEDs provide status

- Optical Module has Fiber connectivity
- Hot swappable
- LEDs provide status

Lowest Total Cost of Ownership -
Fiber-fed wideband remotes means you only have to design and build it once.

Zinwave’s
Low-loss fiber architecture significantly simplifies the design process and eliminates the need to identify specific cable pathways and distances.