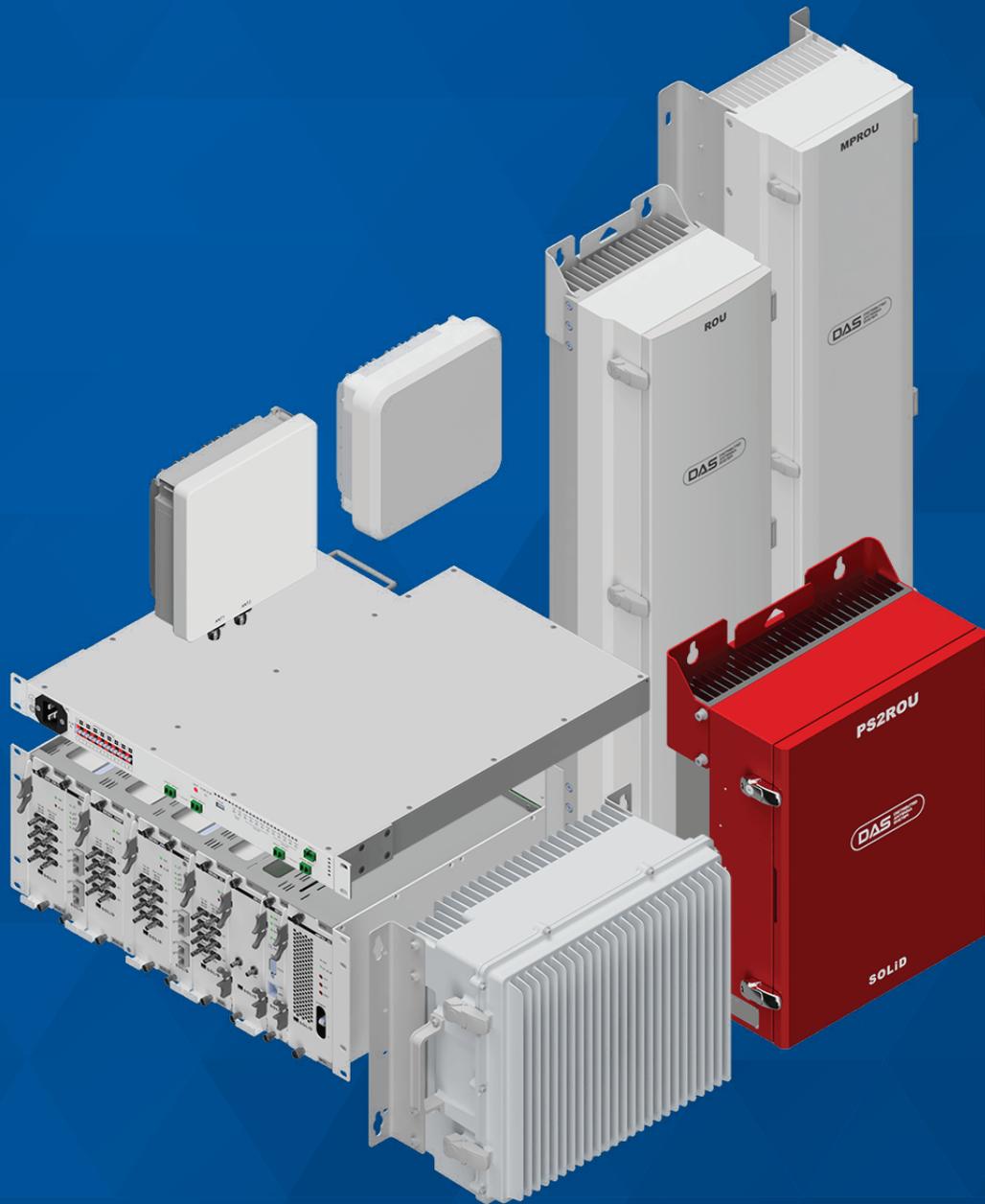


SOLID ALLIANCE DAS

MODULAR <1W, 2W, 5W, 10W, 20W and
40W COVERAGE AND CAPACITY



A modular, multi-operator DAS solution that supports public safety communications, 2-way radio, and commercial wireless services -- all delivered over a single fiber and common headend.

SOLID
solid.com

SOLID ALLIANCE DAS extends coverage and capacity from one building to many others using the integrated Optical Expansion Unit (iOEU). Each expansion link requires only a single strand of fiber.

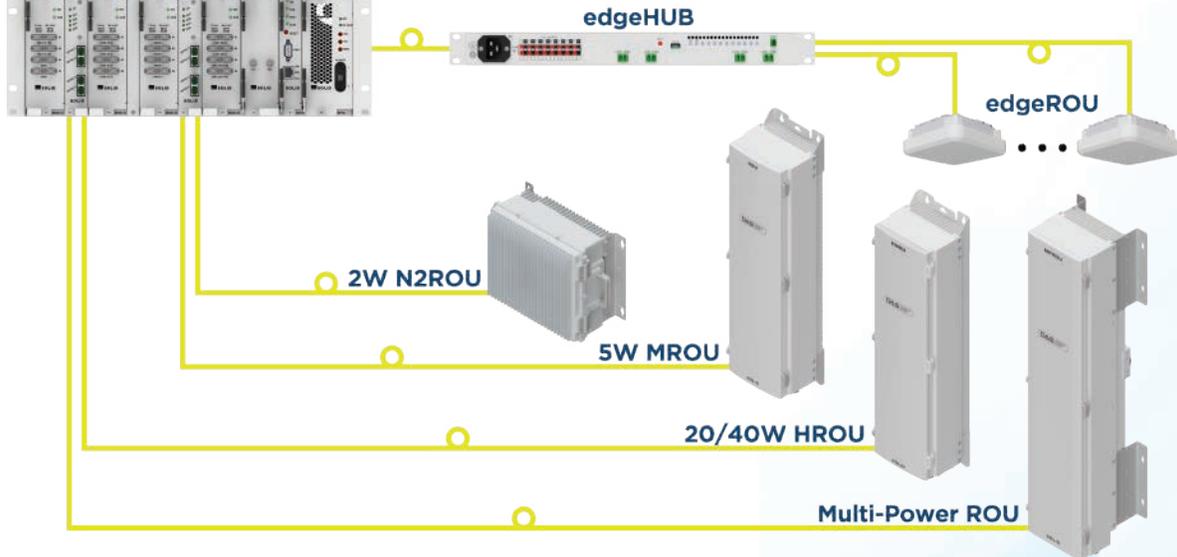


SOLID ALLIANCE MULTI-OPERATOR DAS TOPOLOGY OVERVIEW

DMS1200 System Management



IBIU Signal Interface



The ALLIANCE platform is SOLiD's multi-operator, neutral host Distributed Antenna System (DAS), which efficiently delivers wireless RF signals into buildings, campus environments, stadiums, and airports, as well as provides outdoor DAS coverage to supplement the macro wireless networks.

SOLiD ALLIANCE DAS supports every commercial cellular and private network band from 600 MHz to 4 GHz including 600, 700, 800, 850, 1700/2100, 1900, 2300, 2500, CBRS, and C-Band, as well as public safety and two-way radio bands including 150, 450, 700, 800, and 900 MHz.

SOLiD ALLIANCE DAS uses components and amplifiers engineered to work together seamlessly. The modular architecture enables highly flexible designs and future upgrades. Whether you need to add a new band, such as CBRS or C-Band, or a change occurs in mobile technology, such as the evolution from 4G to 5G, SOLiD ALLIANCE DAS adapts to meet your requirements and protect your investment.

SOLID ALLIANCE FIBER2ANTENNA DAS FIBER-TO-THE-EDGE ARCHITECTURE



ALLIANCE edgeHUB

(Fiber2Antenna edge HUB)

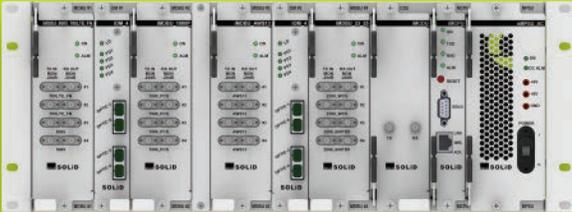
Transmits optical signals from the headend and provides power to the edgeROUs.

ALLIANCE edgeROU

(Fiber2Antenna edge REMOTE UNIT)

A small footprint allows for flexible mounting options on a wall or ceiling. Available with internal or external antenna.

SOLID ALLIANCE MULTI-CARRIER DAS EFFICIENT, MODULAR, POWERFUL



ALLIANCE iBIU

(INTEGRATED BASE STATION INTERFACE UNIT)

The central input point (headend) for all signals delivered over the DAS. In the iBIU, each signal input is independently filtered, attenuated, and controlled.



ALLIANCE DMS

(DAS MANAGEMENT SYSTEM)

The alarming, diagnostic, and control interface for the SOLiD DAS. The DMS provides network intelligence for comprehensive DAS management.



ALLIANCE iODU

(INTEGRATED OPTICAL DISTRIBUTION UNIT)

Performs RF to optical conversion and transports these signals over long distances while minimizing loss. The iODU is co-located with the iBIU from which it receives power and RF communication.



ALLIANCE iOEU

(INTEGRATED OPTICAL EXPANSION UNIT)

An optical multiplexing device used to efficiently extend the DAS from one building to many others.



ALLIANCE ROU

(REMOTE OPTICAL UNIT)

Available in 2W, 5W, 10W, 20W, 40W and multi-power versions, the ROU receives optical signals from the headend, converts these to RF, amplifies them, and then combines the RF for transmission to one or more antenna ports.



ALLIANCE PS2ROU

(PUBLIC SAFETY 2W REMOTE UNIT)

Designed with a rugged enclosure to meet the latest fire codes and dedicated to supporting public safety, paging and 2-way communications.



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