



## Products Overview

Exalt Communications wireless backhaul solutions are designed to address the most challenging wireless backhaul applications. With an unparalleled portfolio of all-indoor, all-outdoor, and split-mount configurations in both licensed and license-exempt bands, the carrier-class wireless backhaul solutions from Exalt offer long-range, high-capacity, and secure connections with unprecedented spectrum management flexibility, configuration control, and resilient transmission capabilities.

### EX-i series

This all-indoor product family combines flexible high capacity interfaces in a carrier-class, high performance system with software-upgradeable Ethernet, T1/E1, and DS-3 capacities to satisfy any wireless backhaul application in the 2.4, 4.9, and 5 GHz bands. Ideal for upgrading legacy license-exempt links up to DS3 capacity or adding instant Ethernet capacity to legacy licensed microwave deployments.

#### 2.4 GHz Products

[EX-2.4i](#)  
[EX-2.4i-16](#)

#### 5 GHz Products

[EX-5i](#)  
[EX-5i-16](#)

[EX-5i lite](#)  
[EX-5i-DS3](#)

#### 4.9 GHz Products

[EX-4.9i](#)

### EX-r series

This all-outdoor family of wireless Ethernet bridges are carrier-class products delivering up to 200Mbps of sustained user capacity and up to 4 low latency native T1/E1 ports in a software configurable, rugged system with high spectral efficiency, security, and unprecedented spectrum management flexibility. These systems are available with internally switched, dual polarized integral antenna (single for EX-4.9r) or type-N female connectors (EX-r-c) for flexible external antenna mounting. Upgradeable IP only versions are also available.

#### 5 GHz Products

[EX-5r](#)  
[EX-5r-c](#)

[EX-5r IP](#)  
[EX-5r-c IP](#)

#### 4.9 GHz Products

[EX-4.9r](#)  
[EX-4.9r-c](#)

### EX-s series

The EX-s Series split-mount wireless backhaul solutions from Exalt offer a wide variety of interfaces and capacities for frequency bands from 2 to 40 GHz. The flexible IDU/ODU configuration features low latency native TDM and native IP transport and is fully software-configurable. The EX-s Series solutions are ideal for any application from mobile backhaul to pure enterprise or WISP high capacity data backhaul.

### Exalt Capacity Expansion Kit

Exalt offers a unique solution to extend the life of legacy 6GHz Part 101 systems. The Exalt Capacity Expansion Kit allows installation of Exalt 5GHz tri-band EX-5i, EX-5i-16, or EX-5i-DS3 radios over existing 6GHz transmission infrastructure with minimal impact to the licensed systems. This cost-effective solution provides instant 4-16xT1 and up to 200Mbps capacity without the need for additional licenses or costly licensed upgrades.

### Monitored Hot Standby Kit

Exalt brings carrier-class equipment protection to 2.4GHz and 5GHz with built in Monitored Hot Standby (MHS), providing fault tolerance and increased reliability through full hardware redundancy and automatic radio protection.

### ExaltSync™

ExaltSync™ and ExaltSync™ GPS, provide internal and GPS synchronization capability for EX-i and EX-r Series radios. With synchronization, systems can be densely collocated with close proximity and minimum antenna separation while reusing scarce spectrum across all collocated systems. ExaltSync™ in combination with variable channel bandwidth and 1MHz tuning across the entire band provides unparalleled interference avoidance capabilities and transmission resiliency of any 2.4, 4.9, or 5GHz radio available today.