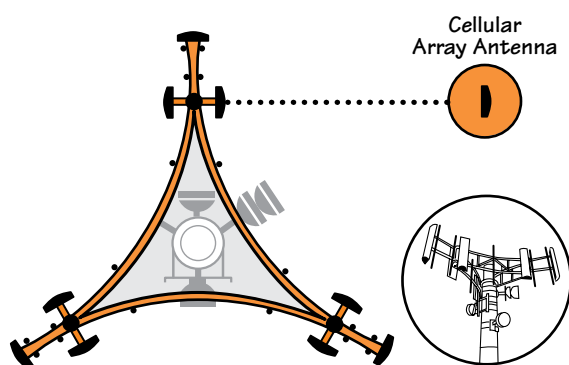


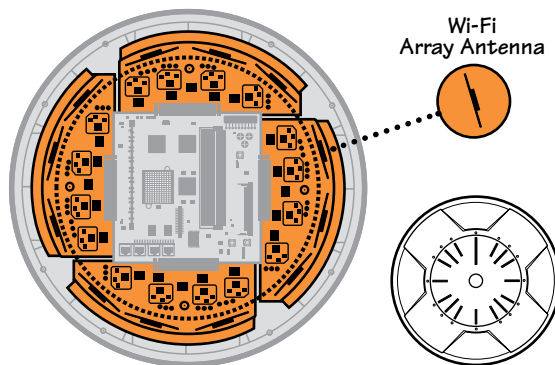
# Wi-Fi ARRAY ARCHITECTURE

Xirrus Wi-Fi Arrays combine *sectorized array antennas* and *network switching* into a single device.

## CELLULAR ARRAY ANTENNAS



## Wi-Fi ARRAY ANTENNAS

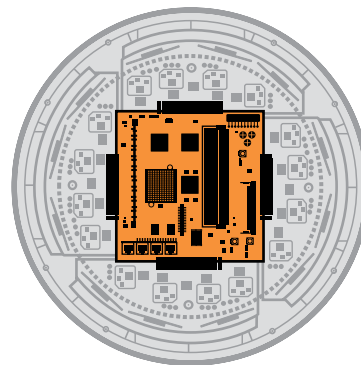


- **Multiple radios** = more bandwidth and user density
- **Directional antennas** = stronger signal strength and increased coverage
- **Sectorized RF patterns** = better RF management and load balancing
- **Fewer devices** = cost, installation, and management savings

## L2/L3 SWITCH



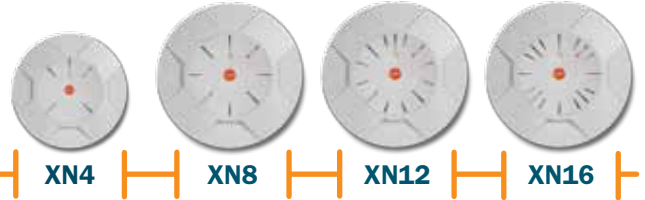
## Wi-Fi ARRAY SWITCH



- **Distributed to the edge** = more efficient switching decisions
- **Intelligence at the edge** = more efficient QoS and VLAN-tagging
- **Security at the edge** = better protection of all network traffic
- **More bandwidth** = enhanced user experience and network efficiency

## XIRRUS Wi-Fi ARRAY SPECIFICATIONS

### 802.11abg+n Wi-Fi Arrays



RF Specifications		XN4	XN8	XN12	XN16
Maximum Wi-Fi Bandwidth		1.2Gbps	2.4Gbps	3.6Gbps	4.8Gbps
Integrated 802.11abg+n Access Points		4	4	4	4
Integrated 802.11a+n Access Points		-	4	8	12
Total Integrated Access Points		4	8	12	16
Dedicated Wi-Fi Threat Sensor		Yes	Yes	Yes	Yes
Maximum Wi-Fi Backhaul Link		900Mbps	900Mbps	900Mbps	900Mbps
RP-TNC Connectors		1	3	3	3
# of Integrated Antennas		20	36	36	48

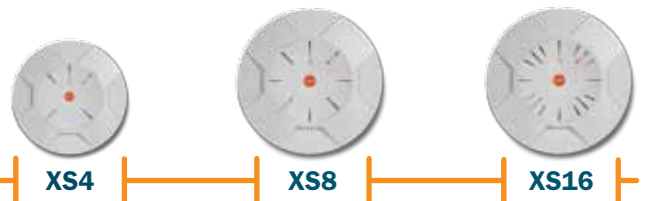
#### Wi-Fi Switch Specifications

Integrated Wi-Fi Switch Ports	4	8	12	16
Gigabit Uplink Ports	1	2	2	2
Maximum Associated Users	256	512	768	1024

#### Xirrus Management System

Centralized Management for Large Array Networks (OPTIONAL)

### 802.11abg Wi-Fi Arrays



RF Specifications		XS4	XS8	XS16
Maximum Wi-Fi Bandwidth		216Mbps	432Mbps	864Mbps
Integrated 802.11abg Access Points		4	4	4
Integrated 802.11a Access Points		-	4	12
Total Integrated Access Points		4	8	16
Dedicated Wi-Fi Threat Sensor		Yes	Yes	Yes
Maximum Wi-Fi Backhaul Link		162Mbps	162Mbps	162Mbps
RP-TNC Connectors		1	3	3
# of Integrated Antennas		4	8	16

#### Wi-Fi Switch Specifications

Integrated Wi-Fi Switch Ports	4	8	16
Gigabit Uplink Ports	1	2	2
Maximum Associated Users	256	512	1024

#### Xirrus Management System

Centralized Management for Large Array Networks (OPTIONAL)

