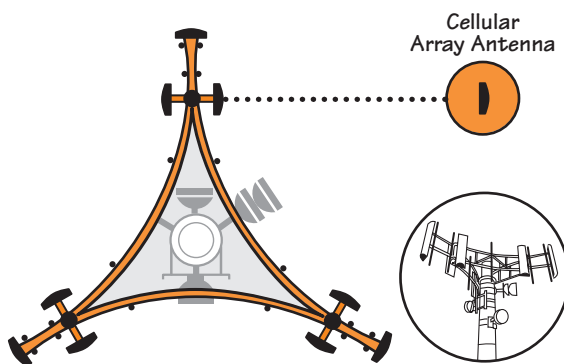


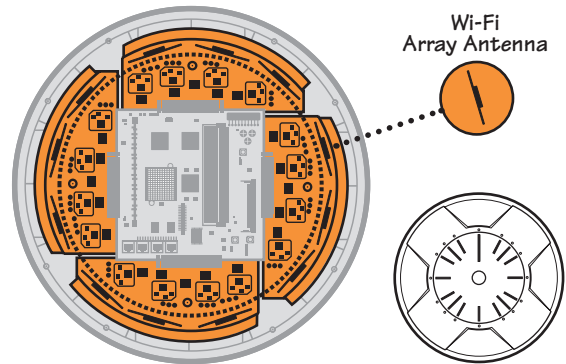
Wi-Fi ARRAY ARCHITECTURE

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

CELLULAR ARRAY ANTENNAS



Wi-Fi ARRAY ANTENNAS

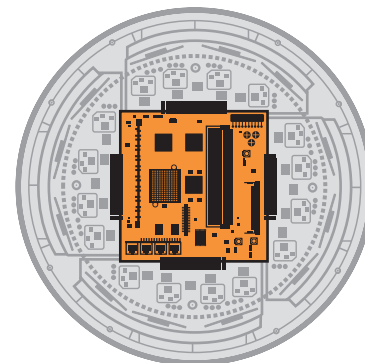


- **Multiple radios** = more bandwidth and user density
- **Directional antennas** = stronger signal strength and increased coverage
- **Sectorized RF patterns** = better RF management and load balancing
- **Fewer devices** = cost, installation, and management savings

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

	XN4	XN8	XN12	XN16
RF Specifications				
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	384	768	1,024	1,536

Xirrus Management System Centralized Management for Large Array Networks (OPTIONAL)



802.11abg Wi-Fi Arrays

	XS4	XS8	XS16
RF Specifications			
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	1,024

Xirrus Management System Centralized Management for Large Array Networks (OPTIONAL)

