



Wireless Connectivity

Upgrade Your Industrial Wireless Communications with Weidmüller's Wireless Radio Migration Solution

Migration plan overview

Easy, 4-step migration plan for a simplified transition

- 1. Site survey & compatibility assessment:**
Identify infrastructure compatibility and develop a migration roadmap
- 2. Hardware & software setup:**
Pre-configured radios for plug-and-play integration
- 3. Migration & integration support:**
Technical support during and post-migration
- 4. Training & ongoing support:**
Hands-on training and continuous support



Industries & Applications



Water/Wastewater
SCADA Networks



Oil & Gas
Well Monitoring Networks



Infrastructure
Pipeline Monitoring



Energy & Utilities
Migrating Legacy SCADA Systems

FCC Compliance



Advanced Security
Mitigate cybersecurity risks and potential losses from network breaches



Future-Proof Investment
Scalable architecture for growth and adapting to future requirements



Reduced Downtime
Pre-configured systems and streamlined migration process

3 main components to build a state-of-the-art wireless system



or



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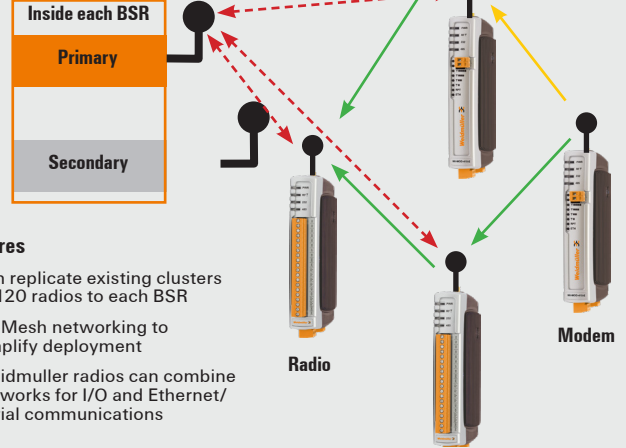
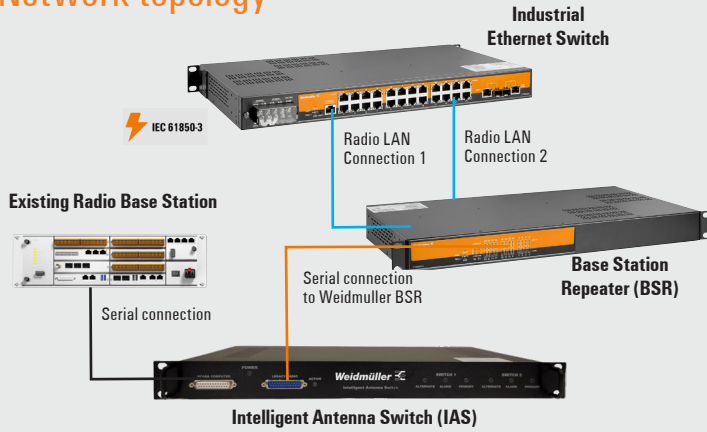
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The Intelligent Antenna Switch (IAS), a fully redundant RF antenna switch, is paired with the Base Station Repeater (BSR) to deliver a robust and reliable, redundant hot standby solution for base or repeater sites.

The Base Station Repeater (BSR) (operating as both the master station and the migration switch) offers smart redundancy by utilizing adaptive switching schemes on Weidmuller's reliable Ethernet modems and I/O radios.

Network topology



Features

- Can replicate existing clusters of 120 radios to each BSR
- ProMesh networking to simplify deployment
- Weidmuller radios can combine networks for I/O and Ethernet/Serial communications

Seamlessly upgrade legacy radio networks with our wireless system to reduce risk and downtime during the migration process.



Ordering Data: Radio / Modem

Type	Function	Frequency	Qty	Order no.
WI-MOD-415-E-C4	Ethernet + Serial	400-480 MHz	1	7940107955
WI-MOD-415-E-C9	Ethernet + Serial	928-950MHz	1	7940107963
WI-IO-415-U2-C4	Ethernet + Serial + IO	400-480 MHz	1	7940107953
WI-IO-415-U2-C9	Ethernet + Serial + IO	928-950MHz	1	7940107961

Note: Contact Weidmuller for other frequency ranges and models for hazardous locations (Zone 2)

Ordering Data: Base Station Repeater (BSR)

Type	Function	Frequency	Qty	Order no.
WI-BSR-415-C4	BSR	400-480 MHz	1	3093530000
WI-BSR-415-C9	BSR	928-950MHz	1	3104840000

Note: Contact Weidmuller for other frequency ranges

Ordering Data: Intelligent Antenna Switch (IAS)

Type	Function	Frequency	Qty	Order no.
WH-AS-415-C4	IAS	400-480 MHz	1	3093540000
WH-AS-415-C9	IAS	928-950MHz	1	3104850000

Note: Contact Weidmuller for other frequency ranges

Discover more about Weidmuller's wireless connectivity solutions!

Contact your local Weidmuller sales representative today at www.weidmuller.com/sales



Discover more at
www.weidmuller.com/wi-bsr-ias

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