



SIMPLE | RELIABLE | SCALABLE

The Future of Industrial Data-Over-Power

NxBB is the next generation of hardwired data-over-power technology. Designed for intralogistics and industrial automation, it delivers secure, interference-free communication over the same conductors that power your equipment, eliminating the headaches of Wi-Fi and optical systems.



NxBBTM
by Conductix-Wampfler

Three Core Pillars

Rock-Solid Reliability

Hardwired connection
immune to interference

128-bit AES-encrypted for data security

Hassle Free

No IT expertise required

Our proprietary signal injectors enable
tailored configurations

Scalable for Growth

Supports more vehicles, longer runs,
and high-density environments

Custom filters reduce noise and keep
data domains isolated

Perfect for: Shuttle OEMs & AS/RS Operator | Multi-Crane & Material-Handling Systems | High-Density Industrial Automation | Amusement Rides

Power + Data. One Line. Zero Headaches.



The Smarter Choice vs. Wi-Fi & Other Solutions

Feature / Benefit	NxBB (Hardwired)	Wi-Fi Network	Optical Systems
Reliability	Immune to interference, rock-solid in noisy industrial zones	Prone to interference, drops with heavy machinery	Stable but disrupted by dust/misalignment
Security	128-bit AES encryption, hardwired path	Requires IT setup & network security, vulnerable to breaches	Generally secure, but still needs network integration
Installation	No IT required	Needs IT involvement, access points & cabling	Complex alignment & specialized skills
Scalability	Supports more vehicles & longer runs	Often slows with more devices, bandwidth contention	Limited by line-of-sight & complexity
Latency	Low latency, real-time performance	Variable latency under load	Low latency but limited flexibility
Maintenance	Low-maintenance, rugged hardware	Ongoing network troubleshooting	High upkeep in dusty/harsh conditions
Total Cost of Ownership	Lower over lifecycle – fewer components	High IT & maintenance costs	Higher upfront & upkeep costs

Choose NxBB

Secure, Reliable Data-Over-Power for the Future of Automation.



Complete Service & Support

For customers who want expert assistance, we offer additional service options to ensure optimal system performance:

- Inspection & Installation Services:**
 We can inspect or install your system for maximum efficiency and compliance.
- Technical Support:**
 Get expert guidance on integration and troubleshooting.
- On-Site Assistance:**
 Minimize downtime with fast, reliable service.

