BFGoodrich

Like many industrial facilities, BFGoodrich had accumulated multiple generations of technology cabling, each with its own labeling scheme. Over time, this resulted in inconsistent terminology, missing labels, and a lack of comprehensive documentation, making network management increasingly challenging.

To address these issues, BFGoodrich sought a complete infrastructure overhaul, including:  
✅ A standardized, industry-compliant labeling scheme for clarity and consistency  
✅ Updated, highly visible plant floor labels to improve asset identification and maintenance  
✅ Comprehensive, easily manageable electronic and printed documentation for seamless network visibility and long-term infrastructure management across all office and plant floor locations

By implementing these improvements, BFGoodrich aimed to enhance operational efficiency, streamline troubleshooting, and future-proof their cabling infrastructure.

Facility Network Analyst, Kerry Coyne, stated that the communication infrastructure grew as the facility did and that without proper labeling and documentation, repairs to older cables would require pathways to be traced manually for confirmation.

The solution was VCAAMS™ (Virtual Cable Audit & Asset Management Services) a comprehensive, technology-driven approach to cable infrastructure documentation and management.

The project began with the creation of sustainable electronic floor plans, utilizing existing as-built drawings or generating entirely new ones where necessary. From there, a detailed database was developed, capturing critical information for each network and technology cable infrastructure port.

The GSTech team executed a meticulous, multi-step process:  
🔹 Documenting existing labeling in Communication Rooms to establish a baseline  
🔹 Re-labeling all plant floor locations with a standardized, industry-compliant schema  
🔹 Generating and integrating electronic records, ensuring all floor plans and port locations were seamlessly linked to the centralized database

This unified electronic solution provided BFGoodrich with a real-time, easily accessible, and fully manageable cable documentation system. Enhancing network visibility, troubleshooting efficiency, and long-term infrastructure scalability.

Through this project, BFGoodrich gained invaluable insights and a fully structured cable management system, ensuring long-term optimization and network reliability.

Key benefits include:  
✅ Fully manageable electronic floor plans for seamless infrastructure navigation  
✅ Standardized, properly labeled faceplates for every existing location, eliminating confusion  
✅ Effortless Moves, Adds, and Changes (MACs) with real-time documentation updates  
✅ Rapid troubleshooting capabilities, with all communications cabling infrastructure data readily accessible

By implementing sustainable processes and uniform documentation methodologies, BFGoodrich now has a streamlined approach to managing its technology cabling. The IT team can confidently update systems without worrying about outdated infrastructure, ensuring network integrity and scalability.

Additionally, GSTech will provide continuous discovery, data population, and maintenance services, keeping all facility documentation and electronic records up to date. This allows BFGoodrich’s IT staff to focus on strategic initiatives, while having critical infrastructure data available when needed.