



Overview

Manufacturing facilities often present unique challenges for connectivity due to physical barriers to RF, like racking, production lines, robotics, and large industrial equipment. These obstacles needed to be overcome to achieve complete coverage for mission-critical systems and meet all necessary safety standards. This project needed to deliver coverage across a 460,000 square foot manufacturing facility in California.

The Challenges

The deployment of DragonSkin was necessary to address the requirement for 2-hour survivability of the BDA/riser as an essential part of the overall building's Emergency Responder Communication Enhancement System (ERCES). As the facility lacked a 2-hour survivability room or a pre-existing chase to the roof, an alternative solution was needed to allow the riser to be rated to the necessary standards.

The Solution

As a stand-alone product with no need for additional conduit, DragonSkin provided a workaround for the issues arising from the lack of a chase. This was the only product on the market able to address the issue and ensure the fire-safe connectivity needed to ensure the building was compliant with safety regulations.

The Result

The project took place in mid-2024 and is now fully implemented. DragonSkin is supporting a robust public safety radio system that adheres to regulatory obligations and provides a dependable system capable of functioning effectively in extreme conditions.



GET IN TOUCH

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