

▶ Class One Rail Carrier Taps Hutton for Large MPLS Network Build

Services Provided by Hutton Included Product Consultation, Procurement, Training, Rack Integration, Site Kitting and Last Mile Delivery



A class one railroad was looking for a 6 GHz all IP microwave radio to replace analog radios in their existing network. What they were looking for when they consulted with Hutton was a product recommendation and a place to purchase it. What they received was a tailor-made deployment plan that concluded with the customer receiving a totally configured and tested telecommunications microwave rack to the inside of their shelters.

Wireless Expertise

After evaluating many options, the railroad partnered with Hutton and a premier native IP microwave backhaul company. Hutton teamed one of their engineers with the manufacturers' regional engineer to provide on-site training. Together they created a complete bill of materials that included antennas, waveguide and site infrastructure material that they would also purchase from Hutton, making the procurement process convenient and efficient.

The Challenge

Replace an existing analog network with IP Microwave Radios at 148 sites over a 3,000-miles rugged terrain

Hutton Services Provided

- Product Consultation
- Training
- Site Kitting
- Rack Integration and testing
- Final Mile Delivery

After all products were selected and a statement of work was completed, the rail carrier faced the formidable task of deploying the network within a tight schedule. The first phase would be a 24-site installment stretching over a 1,965-mile mountainous region.

Product Integration, Site Kitting And Last Mile Delivery

Hutton kitted microwave site materials and delivered them to various locations in the Pacific Northwest as well as central Missouri and Kansas regions. Behind that effort, Hutton also configured the telecom racks to be installed at each base station location once the microwave equipment was in place.

Telecom rack configuration consisted of installing an alarm panel and a Cisco router, integrating a fuse panel, and a Hutton manufactured custom fade-down panel, as well as custom lengths of power wire and Ethernet cables. The radios were installed, configured and tested before assembling the whole configured rack to a pallet for delivery.



Hutton selected a cross-dock location where all of the equipment would be shipped before being directed to the final site destinations by a Hutton value-add field deployment team. They unpacked the units, delivered them to the inside of the shelters and removed all packaging, including pallets and banding. It was only at this point that the customer took possession of the equipment.

Hutton's Unmatched Menu of Wireless Services

Hutton maintains a sprawling nationwide logistical footprint and unmatched flexibility to configure a solution tailor-made for any customer. From product procurement to network planning, training, site kitting, configuration, testing and final mile delivery, Hutton Communications offers a menu of services that is unmatched in the commercial wireless communications distribution industry.