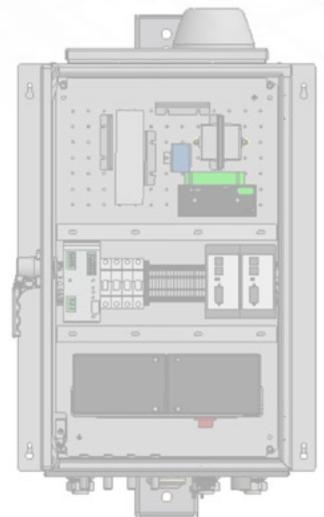


“ Our goal is to safely and reliably deliver electricity to millions of our customers. With the help of Council Rock, we successfully built and deployed hundreds of telecommunications enclosures with the panel layout and design needed to keep our components cool & dry in summer and warm in winter. ” –PROJECT MANAGER

**PROTECTION
NEEDED ON A
GRAND SCALE**
*for critical electrical
and mechanical
components*

OBJECTIVE

Council Rock manufactured, tested and installed hundreds of stackable [*Rapid Deployment Cabinets*](#) for a leading energy services and delivery company. Critical electrical and mechanical components needed protection from the harsh elements of New York and Maine. Our durable, custom-made housing focused on integration, flexibility, and protection to ensure the enclosures would meet the customer’s current and future needs.



WiMax Single Sector Base Station Configuration

PROTECTION ON A GRAND SCALE

In 2019, Council Rock celebrated their successful win for the design, manufacture, integration, and installation of its NEMA 4X [Rapid Deployment Cabinet \(RDC\)](#) outdoor telecommunications enclosures to be used for energy distribution and delivery in New York and New England. Our custom-made RDC is capable of withstanding the most challenging climates while ensuring that the crucial elements within remain safe and function seamlessly.

This project included the installation of more than one thousand 26" all stainless steel enclosures. Stainless steel is used for enclosure construction due to its high durability and corrosion resistance. It is also moisture and chemical resistant. It's the strongest of the construction options.

Seamlessly connecting so many enclosures at scale included bringing together external features, such as a cables, antenna, battery brackets, and cabinet planes, making it necessary to modify the enclosures with cutouts. Our team was able to skillfully produce at quantity making sure to seal out dust, dirt and other damaging particles.

RUGGED EXTERIOR, VERSATILE INTERIOR

Our customer requested a modular design with stacking capability, pole mounting brackets, and custom brackets for communication equipment. The ease of installation makes this RDC rugged telecommunications enclosure extremely scalable, adapting to the future growth of energy delivery.

The RDCs were equipped with numerous wireless communication features to help monitor the critical components housed within. A programmable UPS with AC loss alarm means a critical uninterruptible power supply when a power outage occurs. Most enclosures included a 3-point latching door with entry alarm and internal LED cabinet lighting, and a heated battery tray.



We prioritize safety, regulations and a variety of standards regarding resistance to harsh environmental conditions while emphasizing our agility and reputation for creating solutions for challenging situations. The successful execution of this project verified our technical expertise, responsiveness, and an ability to compete with other advanced companies in the telecom field.

David Rodriguez, CEO Council Rock

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SECTOR

[Energy Services and Delivery](#)

LOCATION

Northeastern US

RESULTS

- WiMax Repeater with Cellular Configuration, designed to expand coverage of a WiMax Base Station to "dark" areas
- WiMax Subscriber / CPE with Cell Configuration
- WiMax Single Sector Base Station Configuration
- WiMax Dual Subscriber / CPE Configuration
- Communications connectorization kits
- Universal brackets
- Battery Brackets
- Cabinet Backplane
- Multi-band GPS enabled antenna
- Battery back-up UPS system
- Heated batteries for cold weather applications
- PoE
- Lightning arrestor protection



COUNCILROCK
Smart Private Networks