



CASE STUDY · COMMERCIAL

A battery manufacturer builds a network for 99.999% uptime as it expands U.S. operations.

Expanding U.S. operations meant the network could not go down. Weaver designed and deployed a RUCKUS cloud-managed network and worked alongside the manufacturer's in-house team to deliver it.



CUSTOMER

Battery Manufacturer,
U.S. and International

INDUSTRY

Battery Manufacturing

PARTNERS

RUCKUS
Networks

LOCATIONS

Manufacturing in the
U.S. and China

THE CHALLENGE

Expansion that depended on a network that never goes down.

The company is a major battery manufacturer with manufacturing facilities in several countries, including the United States and China, and offices across the U.S.

As the manufacturer expanded its U.S. operations, a critical requirement surfaced: a network with 99.999% uptime.

The manufacturer needed an IT partner that could augment its in-house team and deliver that level of reliability. Important areas like redundancy, battery backups, wireless design and routing had been overlooked by its previous IT vendor.

THE STARTING POINT

99.999%

Network uptime required to support expanding U.S. operations

In-house team

An in-house IT team that needed a partner to augment it

Gaps

Redundancy, battery backup, wireless and routing overlooked by the prior vendor

THE APPROACH

The Weaver Way: ask the questions others skipped.

The relationship began with a cold call that quickly turned into a real conversation about technology needs. Weaver dug into redundancy, battery backups, wireless design and routing, the areas the manufacturer’s past vendor had overlooked. That depth set the foundation for a partnership built on trust, and for a network design built around the manufacturer’s goals.

PROJECT CAPABILITIES

Consulting services	Network design and implementation	RUCKUS cloud-managed switching
RUCKUS cloud-connected Wi-Fi	Redundancy and battery backup planning	Wireless design and routing



Weaver doesn't just offer products. We provide solutions that align with each client's business objectives, and this project reflects our commitment to solutions tailored to specific needs.

THE RIGHT REASON · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

A RUCKUS network built for reliability and growth.

Weaver selected RUCKUS Networks as the cornerstone of the solution. Its cloud-connected Wi-Fi and cloud-managed switching fit the manufacturer's operational needs, with the flexibility to scale as the business grows.

WIRELESS

RUCKUS cloud-connected Wi-Fi

Wireless designed for continuous connectivity across the manufacturing environment.

SWITCHING

RUCKUS cloud-managed switching

Switching managed from the cloud, giving the network the flexibility to grow with the business.

PARTNERSHIP

Direct access to RUCKUS resources

Weaver's close RUCKUS partnership provided premium resources, so the design was fine-tuned to the client's goals.

THE RIGHT TIME

A one-month design, and patience through supply chain delays.

Planning and design took one month. Global supply chain disruptions from the COVID-19 pandemic meant hardware procurement and deployment needed five months.

1

Discover FIRST CALL

A cold call became a deep conversation on redundancy, wireless and routing.

2

Plan and design 1 MONTH

RUCKUS wireless and switching designed around the uptime requirement.

3

Procure and deploy 5 MONTHS

Hardware sourced through pandemic supply chain delays and deployed.

4

Full production NEXT

Success measures will expand beyond uptime as the system reaches full production.

OUTCOMES

Immediate stability, built for the long term.

The manufacturer saw immediate improvements in network stability after implementation, and the RUCKUS solution positions the network for consistent, long-term reliability. Success is measured on uptime today, and those measures will expand as the system moves into full production.

■ Immediate network stability	■ Designed for a 99.999% uptime requirement	■ Long-term network reliability
■ Cloud-managed Wi-Fi and switching	■ Scalability for future growth	■ An augmented in-house IT team

THE RIGHT REASON

Solutions, not just products

Weaver started with the questions the manufacturer's past vendor never asked, then designed a network around the business, not a product list.

Backed by a strong RUCKUS partnership

Weaver's RUCKUS partnership and networking certifications brought direct access to premium resources and a design tuned to the client's goals.

A COMMON CHALLENGE IN MANUFACTURING

As manufacturers expand production, the network becomes as critical as any machine on the floor. Redundancy, power backup and wireless design are easy to overlook until they fail, and getting them right up front is what keeps uptime targets realistic.

Planning an expansion?

Weaver can review your network design for redundancy, power and wireless coverage and help you plan for the uptime you need.

sales@weavertech.us
(855) IT-WEAVER
weavertech.us



WEAVER

ABOUT WEAVER

Dell Titanium Partner. Since 2006, Weaver has helped organizations build IT strategy and security so they can focus on their craft. We serve education, state and local government, healthcare and commercial customers across the U.S. and internationally.

Right IT Solution.
Right Time. Right Reason.