MultiTech Solutions Monitor Solar Consumption

Lightning-Fast and Reliable Connectivity for Solar Applications

Solar power generation has emerged as a viable alternative energy source for many residential energy consumers. Energy companies need a way to monitor, measure, and control fully remote residential solar energy systems to provide customers with such things as system access and payback information.

The Challenge | Monitoring Residential Solar Energy Consumption

Utility companies need solar energy generation information to confirm the amount of energy sold back to them, ensuring that they receive a healthy ROI. Energy service providers also need to deliver data to homeowners that confirms that solar energy is worth the investment.

Due to the fact that most residential solar panels are remote, the utilities require a cost-effective way to access analytics pertaining to the amount of solar energy their homeowners are using. Internet controlled by the homeowner can be difficult to access. In many cases, other methods such as traditional analog telephone lines and embedded cellular modules, are either not fast enough or are impractical as an investment.

The Solution | MultiTech rCell 100 Series Cellular Routers and Mobile Mark Antennas

At RTO, we sell, configure, and provision cellular routers like MultiTech's MultiConnect™ rCell 100 Series. These routers are carrier-approved and have rugged, SAE-protected housing. As the industry's most cost-effective solution for remote device management, the rCell 100 from MultiTech offers your utility clients the lowest TCO. Additionally, the rCell 100 offers a long and stable lifecycle. Avoiding equipment replacements and costly truck rolls, utilities can easily remotely monitor solar energy consumption for their residential customers with RTO's solution from MultiTech, proving that solar energy is indeed worth the investment.

The Results | MultiTech Routers Save Energy Companies Time and Money

When it comes to monitoring solar energy consumption by your residential customers, RTO saves you time and money by configuring cost-effective routers from MultiTech purpose-built for the utility industry. Importantly, utilizing this MultiTech solution for retrieving data from remote residential solar installations does not require any passwords or special approval from homeowners. Our wireless cellular routers for solar energy monitoring, data, and analysis operate completely independent of your consumers home networks.

The Team | Smart Distributors of Mobile Connectivity Solutions

RealTime Ops *(RTO)* is a top distributor of IoT and M2M cellular equipment. As a Smart Distributor, we stock high-demand wireless routers and modems, available only to equipment resellers *(no end-users)*. Our clients receive access to services like device provisioning, template engineering, installation services, and so much more. We are your link between top-tier equipment manufacturers, and the devices your clients need for their mission-critical communications projects.

Industry Profile

- Electric Utilities
- Solar Power Applications
- Remote Power Monitoring

Technology Solutions

- MultiTech rCell 100 Series
- MultiTech DeviceHQ
- mPower Edge Intelligence
- Mobile Mark LTMG402

Targeted Results

- Real-Time Sensor Data
- Lower Power Wide Area
- Remote Management
- Cost Savings and ROI

CONTACT US TODAY TO ENGINEER YOUR REMOTE MONITORING SOLUTIONS

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