

UniCAS

A unified, secure communications platform for asset managers and their renewable energy estate



Asset managers and O&Ms benefit from secure communications to their asset base



Simplified and swift onboarding and offboarding of O&Ms and third party service providers to the comms network



Consolidation of telecoms service providers, data providers and other third parties resulting in reduced administration overhead and costs



Enhanced cyber security and improved compliance with an eye to NIS2 incorporating uniform, secure and controlled access to all estate assets



What is UniCAS?



UniCAS is a unified, secure communications platform for field assets that has been designed by EMR specifically for use by asset managers in the renewable energy sector. It provides standardised control, secure access and NIS2-compliant security for communication networks at each solar or wind farm, allowing asset managers to consolidate and control access for O&Ms, telecoms and data providers, CCTV providers and other third parties.

High-speed, high-performance connectivity combined with high-availability access gateways ensure maximum uptime and an uninterrupted flow of data back to your centralised SCADA system. A layered monitoring service in EMR's Network Operations Centre creates alerts in response to service interruptions or outages and our team escalates as appropriate.

Our Strategic Partners

FORTINET

BELDEN



TELESPAZIO
a LEONARDO and THALES company

Compliance and Governance

Key Benefits

In an environment governed by regulatory compliance, UniCAS customers have the following benefits:

- Secure site access and control is maintained for all third parties including O&Ms, security providers and equipment manufacturers
- Technology and security policy is standardised across all sites
- Streamlining of telecoms costs through consolidation to one ISP using a pooled data plan on carrier-agnostic LTE
- Hardware uniformity through tier 1 device manufacturers
- Stronger security posture with NO inbound public internet access
- Centralised control and audit capability through dashboard reporting
- Full monitoring service through the EMR Network Operations Centre



“The most important result of this workstream is having pro-active cyber security management in place and this addresses our governance and compliance challenges, which have become more and more relevant in recent times.”

Schroders greencoat

Adriano Tortora, Asset
Director at Schroders
Greencoat LLP

Customer Success

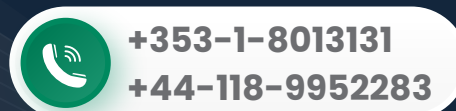
EMR Integrated Solutions recently upgraded the cyber security and communications infrastructure at solar farms managed by Schroders Greencoat across the United Kingdom.

This involves designing, delivering and managing a resilient, secure, cellular network, which ensures maximum network uptime.



All users including O&Ms and external third parties enjoy secure remote access based on Zero Trust principles, thanks to a cloud-based, centralised security management platform. Unauthorised access attempts as well as exploits and advanced malware are immediately identified and blocked.

Work with a Trusted Comms Partner



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