

Enabling Secure Remote Access to Building Management Systems Across An Post's Estate

ABM supported An Post's climate and operational goals by enabling secure remote access to Building Management Systems across fourteen sites, improving visibility, reducing travel, and supporting energy efficiency.



CHALLENGE

An Post operates a diverse estate across modern and legacy BMS platforms. Previously, many faults required on-site diagnosis, leading to slower response times, higher costs, and unnecessary energy use.

To improve performance and support its climate goals, An Post needed a secure, scalable remote-access solution that worked across all systems while protecting existing infrastructure and improving visibility.

SOLUTION

ABM designed and delivered a fully in-house remote-access programme tailored to An Post's technical and operational requirements. Fourteen buildings were selected based on energy intensity, operational importance and opportunity for efficiency gains.

The solution introduced encrypted remote connectivity across both contemporary Tridium/Niagara systems and legacy Unitron controllers through a unified, vendor-agnostic architecture. Infrastructure upgrades were implemented where required, including but not limited to secure gateways and network enhancements to support safe remote access.

Sashboards were developed to enable consistent monitoring of alarms, schedules and performance trends. Engineers and energy managers can now securely access systems via desktop and mobile platforms, allowing faults to be diagnosed and

addressed without unnecessary site visits. Delivering the programme in-house ensured full integration with An Post's cybersecurity framework and established a scalable foundation for future digital energy initiatives.

BENEFITS

- **Improved energy performance:** Real-time visibility enables faster identification of inefficiencies and optimisation of setpoints and schedules.
- **Reduced carbon emissions:** Fewer unnecessary site visits lower travel-related emissions.
- **Faster fault diagnosis:** Remote access shortens resolution times and reduces operational disruption.
- **Lower maintenance costs:** Reduced call-outs and better-informed maintenance planning deliver measurable savings.
- **Enhanced occupant comfort:** Heating, ventilation and scheduling adjustments can be made quickly and consistently.
- **Centralised estate oversight:** Portfolio-wide monitoring and benchmarking improve consistency and control.
- **Lower maintenance costs:** Reduced call-outs and better-informed maintenance planning deliver measurable savings.

ABM improved fault detection, operational consistency, and energy performance across An Post's estate. Find out how we can make it possible for you by visiting [ABMireland.com](https://www.abmireland.com)