
Application of Telecommunications Device Management and Monitoring System in the Energy Sector

Pavle Skocir, Technical Account Manager
Axiros, Zagreb, Croatia

Short description:

Modern telecommunications infrastructure represents a mature and sophisticated ecosystem. The advanced monitoring and management capabilities developed for this ecosystem offer valuable potential for application in other domains.

An example of such a domain is solar energy production. Operators must respond to market and weather conditions by issuing specific commands. Additionally, accurate forecasting of future energy production is essential for grid management and revenue optimization.

This presentation explores how device management and monitoring solutions originally designed for the telecommunications domain can be effectively applied to solar energy production systems. It demonstrates how telecommunications systems in use today can power tomorrow's solar energy infrastructure.

- - -

More about Pavle Skocir:

Pavle Skočir is a Technical Account Manager at Axiros, a software company specializing in carrier-grade solutions for device and customer experience management, primarily in the telecommunications sector. Since joining Axiros in 2022, he has focused on monitoring solutions for access and WiFi networks. Prior to this role, he was an Assistant Professor at the University of Zagreb, Faculty of Electrical Engineering and Computing, where his research focused on the Internet of Things (IoT), with particular emphasis on energy efficiency in IoT systems and interoperability of IoT platforms. He contributed to eight research projects funded by international and national sources and authored over 30 scientific papers.