ASSET MANAGEMENT SYSTEM

PROTECTION SETTINGS MANAGEMENT

MANAGEMENT OF BUSINESS PROCESSES

Equipment

Data Interface

Protection Devices

Document Library

Processes

Calendar

Multi-User

Protection Settings

Authentication

Tasks

Tools

Reports and Scripts

Settings Converters

SILENT
DIg

STATIONWARE

CASE STUDY

ENDEAVOUR ENERGY

Endeavour Energy is an electricity distribution company based in Australia. It's primarily responsible for building, operating, and maintaining the electrical distribution network that delivers electricity to homes and businesses in Western Sydney, the Blue Mountains, Southern Highlands, Illawarra, and the South Coast regions of New South Wales. Essentially, Endeavour Energy's core activity involves ensuring a reliable and efficient supply of electricity to these areas, managing the infrastructure that supports this distribution, and handling maintenance and upgrades to the network as needed.

www.endeavourenergy.com.au

THE CHALLENGE

Before StationWare, we grappled with significant issues:

- Quality Assurance: Reliance on network drives and emails for relay settings led to inconsistent quality control, not aligning with ISO 9001 standards.

- Audit Inefficiency: We lacked the means to thoroughly audit protection schemes across our entire fleet, hindering effective monitoring and improvement.

- ADMS Integration Limitations: Our system couldn't integrate with the Advanced Distribution Management System (ADMS), creating operational inefficiencies.

THE SOLUTION

StationWare's introduction as our Protection Configuration Management System (PCMS) resolved these challenges:

- Improved Quality Assurance: It offered a standardised platform for managing relay settings, ensuring consistent quality.

- Enhanced Auditing: The system enabled comprehensive auditing of our protection schemes, facilitating improvements.

- Seamless ADMS Integration: Integration with ADMS improved operational efficiency and network management.

STATEMENT

"DIgSILENT StationWare has proven to be a highly effective solution for managing relay settings and integrating with our Advanced Distribution Management System (ADMS). Its implementation, aligning with ISO 9001 quality management standards, has significantly enhanced operational efficiency. The system's user-friendly interface facilitated a smoother transition for our technicians, despite the initial learning curve. Moreover, the robustness and reliability of StationWare's integration with ADMS have been commendable. The support from DIgSILENT throughout the process was exceptional, ensuring a successful deployment and ongoing system effectiveness. Overall, StationWare has been a valuable addition to our infrastructure management tools."

Tarik Hussein - Senior Protection Engineer