

GEIS



PMSky

Supervisory Control and Data Acquisition

The PMSky SCADA is an intelligent operation and maintenance solution developed by GEIS for distribution systems. It provides comprehensive monitoring and energy management for low-voltage distribution rooms, helping customers continuously monitor and analyze the condition of switchgear cabinets to ensure their safe and reliable operation.

PMSky combines several key components, including a gateway, industrial PC, and display. It offers edge computing, data acquisition, aggregation and analysis, as well as data storage. This design makes installation more convenient and usage simpler.

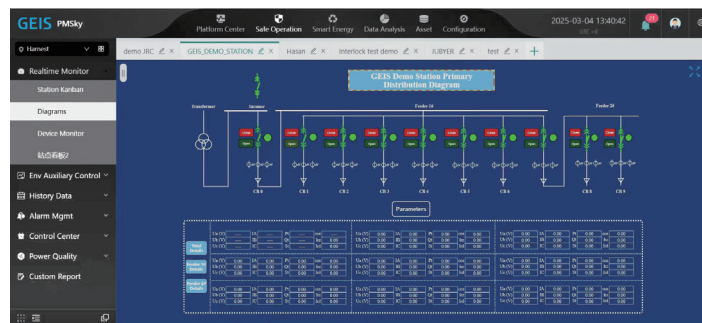
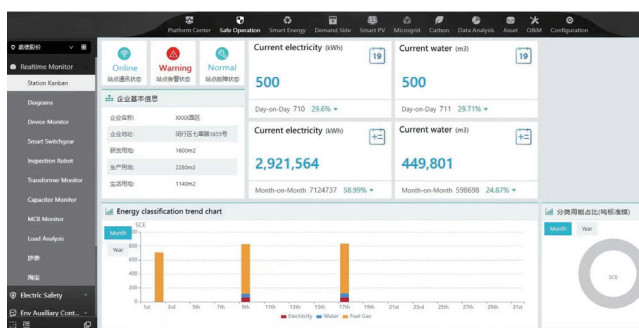
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Real-time monitoring to enhance the safe operation level of the microgrid.

Coordinated control to shift peak loads and suppress demand.

Energy consumption analysis to optimize the cost structure of electricity usage.

Unified management to enhance the management efficiency of the microgrid.



| Report Time | Alarm | Station | Device | Alarm Type | Alarm Level | Detail | Operation |
|---------------------|--------------------------|------------|------------|----------------|---------------|--------|-------------|
| 2025-02-26 07:18:55 | [Siemens] device offline | Building-1 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-26 07:18:55 | [Siemens] device offline | Building-2 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-25 17:22:56 | [Siemens] device offline | Building-1 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-25 09:17:56 | [Siemens] device offline | Building-1 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-25 09:17:56 | [Siemens] device offline | Building-2 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-25 09:06:56 | [Siemens] device offline | Building-1 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-25 09:06:56 | [Siemens] device offline | Building-2 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-24 17:05:57 | [Siemens] device offline | Building-1 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-24 17:05:57 | [Siemens] device offline | Building-2 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |
| 2025-02-24 12:02:26 | [Siemens] device offline | Building-1 | Siemens761 | device offline | Alarm level 1 | View | Acknowledge |

- Energy Consumption Statistics and Analysis
- Automatically generates charts.
- Remote Debugging and Control

- Various Communication Protocols: TCP/IP, ModBUS, IEC 104
- Number of monitored circuits: 200
- Number of monitored device points: 6,000

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