

# ELECTRIC INTEGRATION OPERATION PLATFORM EIOP

## EIOP Introduction

### Concept

- With the help of existing computer and network technology, EIOP provides users with the business services such as intuitive real-time status monitoring, energy consumption data statistics and analysis and event management.
- Through the operation of EIOP, the user's overall level of energy management is improved, the workload of various types of staff in monitoring, management, inspection, operation and maintenance is reduced, the efficiency of human resource is improved, and the costs of energy management, operation and maintenance are reduced.
- Through scientific energy efficiency analysis, EIOP can identify key links of energy consumption, find out weak parts in energy efficiency and excavate energy-conservation potential, which facilitate formulating energy-saving programs and implementing energy-saving measures, in order to reduce energy costs.



### Good expansibility

Extensible business system and system function module to meet users' customized needs



### Advanced and efficient system docking

Support data docking with other third-party intelligent software system



### Convenient configuration

Convenient equipment configuration configuration design and project management



### Convenient

Automatic generation of remote meter reading report and data comparison and analysis function



### Safe

Perfect user management operation permission Settings and data backup



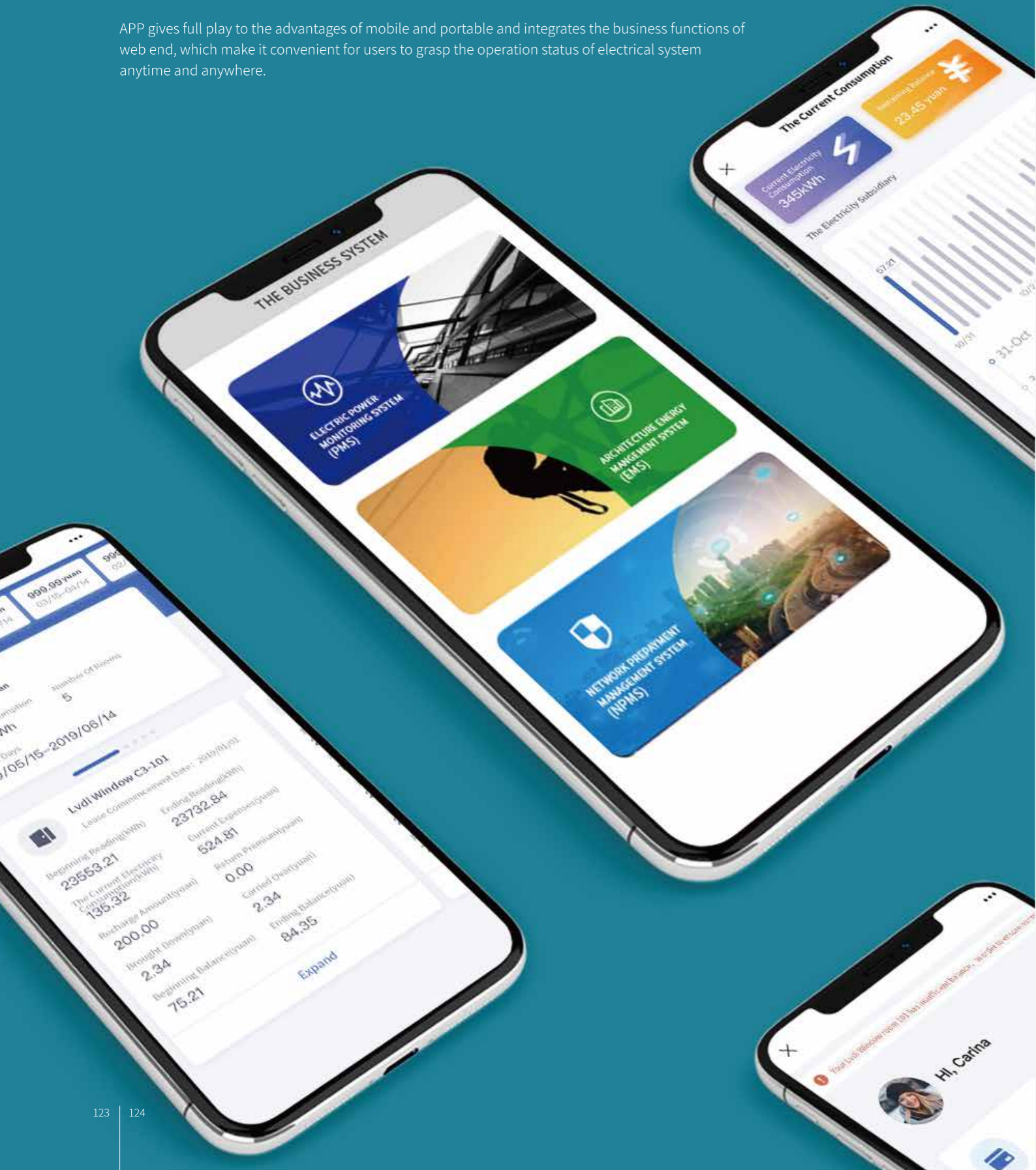
### Reliable

Each business system operates independently



# MOBILE EIOP

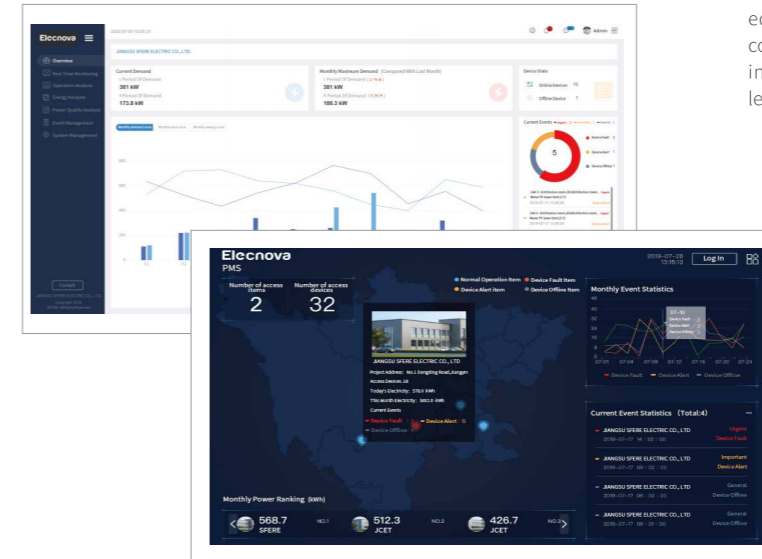
APP gives full play to the advantages of mobile and portable and integrates the business functions of web end, which make it convenient for users to grasp the operation status of electrical system anytime and anywhere.



# PLATFORM FEATURE

## Electric Power Monitoring System (PMS)

The power monitoring system (PMS) integrates various terminal hardware such as smart meters, integrated protection devices, smart circuit breakers, and temperature control meters through network communication equipment to achieve business functions such as data collection, remote control, event alarm, and data analysis, in order to improve the comprehensive management level of users' power distribution.

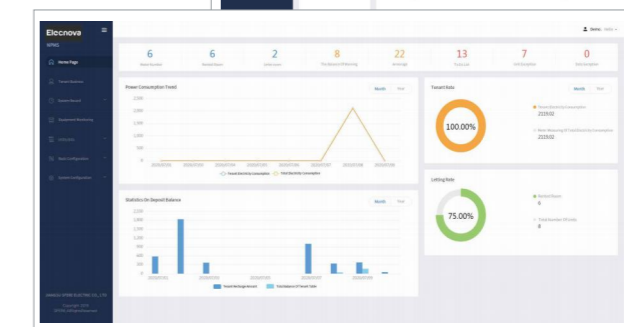
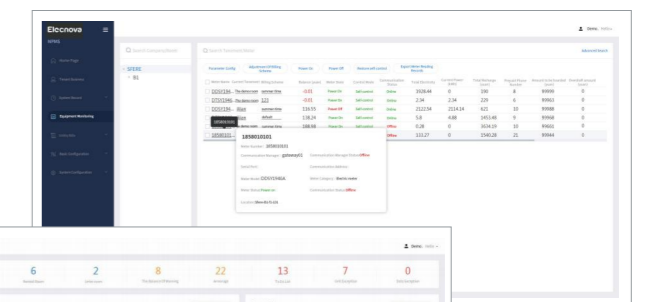


- Ensure the safety of the power distribution system
- Improve daily inspection efficiency
- Identify key control objects
- Reduce overall operating costs

## Network Prepayment Management System (NPMS)

The network prepayment management system NPMS is based on smart meter technology, Internet technology, IT technology and communication technology. This system realizes online monitoring of energy consumption and property charging management with the help of terminal meters.

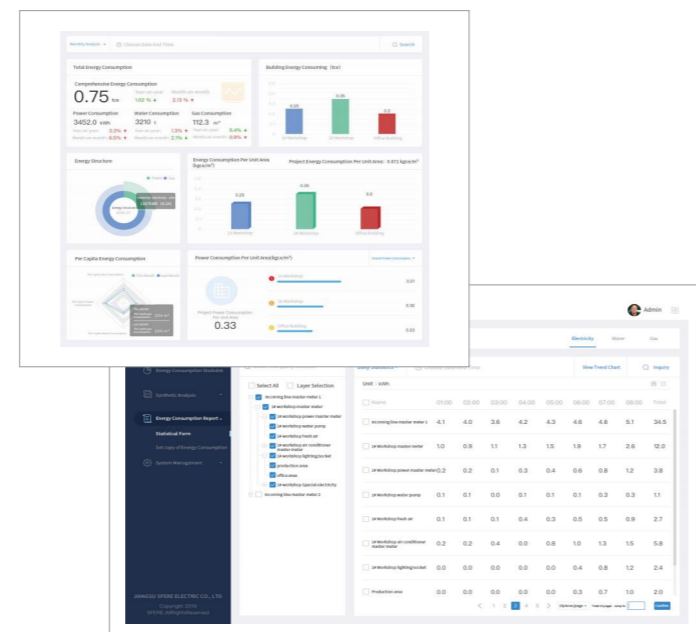
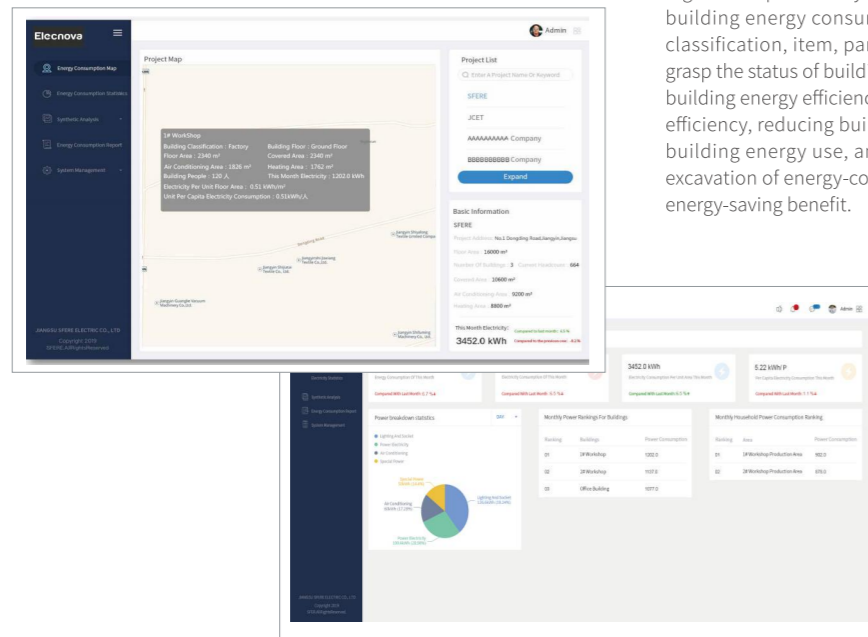
- Unified platform deployment
- Flexible billing scheme
- Tenant friendly
- Billing design
- Balance alert & Overdraft amount & Ensuring power supply on holidays
- Detailed report records



# PLATFORM FEATURE

## Architecture Energy Management System (EMS)

Architecture Energy Management System (EMS) takes the concept of networking, integration and intelligence as the design concept. It implements centralized monitoring, measurement and management of energy, water, gas and other energy consumed in buildings. It can perform dynamic trend analysis on statistical data of building energy consumption from various dimensions such as classification, item, partition and household so as to help users grasp the status of building energy consumption, analyze and judge building energy efficiency levels. It plays a role in improving energy efficiency, reducing building energy consumption and optimizing building energy use, and provides detailed data to support the excavation of energy-conservation potential and the evaluation of energy-saving benefit.



## Architecture Energy Management System(EMS)

- Ensure the safety of the power distribution system
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# OVERSEA PROJECTS

Nanyang Technological University		Russian Federal Grid Substation	
Gwadar Port		Hong Kong-Zhuhai-Macao Bridge	
ST Telemedia Data Center		Shanghai Disneyland	
Raffles Medical Group		Keppel Data Center	
LHN Building at New Industrial Road		Singapore Power Grid Data Center	
Core Factory of LENS Technology		Production Line of Asia Cements	
BCA Academy		King Power Duty Free	

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