

MNS Digital Switchgear

Experiencing digital future together

Industrial automatic process become more and more complicated, and the social cost for the accidental infrastructure power failure is more and more expensive. Let alone, various loadings and operating conditions make any impact on the operation of low voltage switchgear, eventually result in power failure. Then, how to make less failure, less down time and maximum reliability of power supply?

MNS Digital Switchgear, with the integration of concept of system and digital intelligent technology, drives the conventional switchgear to keep pace with the technological front and be part of the intelligent Internet of Things. It can be widely used in all kinds of industrial applications, infrastructures, rail transportations and high-grade buildings, etc. to provide the users digital solutions and services in terms of safer and more reliable power supply.



Contact us

ABB Xiamen Low Voltage Equipment Co., Ltd.
 No.12-20, 3rd Chuang Xin Road, Torch Hi-Tech Zone
 Xiamen SEZ, Fujian, P.R.China, 361006
 Customer Service Hot Line: 086 0592 5719201
 TEL: 086 0592 6038118
 FAX: 086 0592 6038110

www.abb.com/mns

Low Voltage System

MNS Digital Switchgear

for ABB Ability™

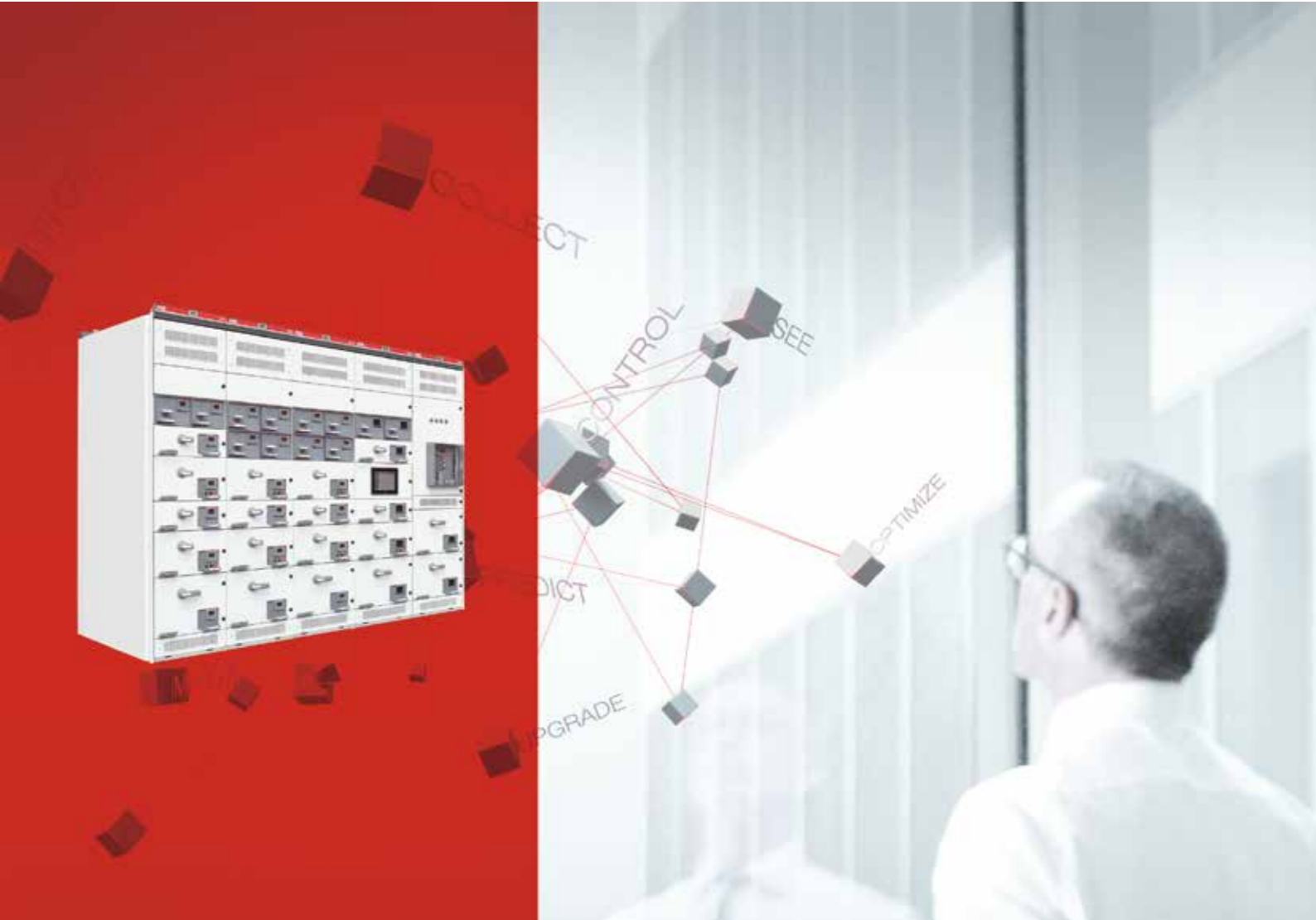


ABB Ability™

Writing the digital futur takes ability



ABB is the world's leading enterprise in terms of electrical products, robotic and motion control, industrial automation as well as power grid. We are engaged in helping improving business of customers in different fields such as power, industry, transportation and infrastructure, etc. Based on more than 125 years of history of innovation, ABB is constantly promoting energy revolution and the Fourth Industrial Revolution and composing the industry digital future.

ABB Ability™ is the unified, cross-industry digital capability — extending from device to edge to cloud — with devices, systems, solutions, services and a platform that enable our customers to know more, do more, do better, together.

The ABB Ability™ portfolio comprises more than 180 digital solutions which build digital interconnection devices, system and services via industrial internet, help customer dramatically increase productivity, reduce maintenance cost and save energy consumption up to one third.

Benefits to customers:

- Enhance reliability
- Improve data analysis
- Boost productivity and flexibility
- Improve working environment
- Save energy and cost
- Increase customer core competitiveness
- Generate new revenue opportunities through innovative business models

MNS Digital Switchgear

One system, meet all customers’ needs

MNS Digital Switchgear is developed and manufactured by ABB MNS® production base located in Xiamen City, China. It adheres to the tradition of high quality standards and production process of MNS® system and combines internet technology and smart sensor for remote monitoring, control and configuration. It provides big data analysis to the customers on the basis of detailed fault diagnosis and event log. It can also pre-alarm warning against equipment failures thus to realize the proactive maintenance and ensure a safe, reliable and continuous power supply.

More efficient, flexible, safe and reliable

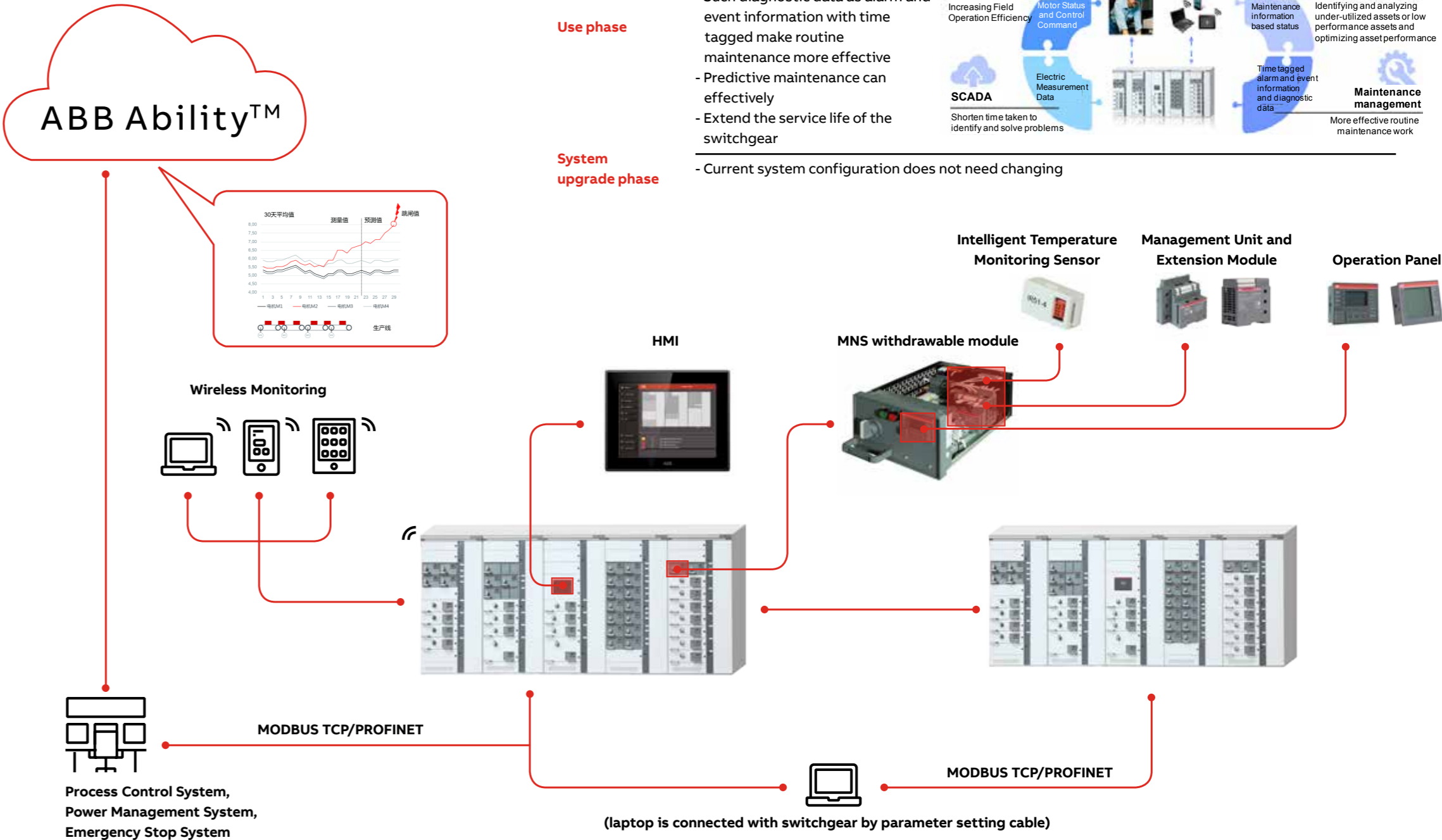
- Powerful Ethernet integration**
 - Higher communication speed
 - Applying big data analysis with ultra-high data volume
 - Reliable Ethernet connection technology
 - More flexible networking mode and easy expansion
 - Can be accessed with a network browser with authorization
 - Easily interconnect various upper-layer systems
 - Cyber security authentication to avoid cyber attack
 - Easy technical upgrade of Ethernet-based network platform

Pre-alarm against potential threat and predictive maintenance

- Advanced temperature measurement technology**
 - Monitoring the temperature of critical component, raising the alarm against over-temperature and identifying potential malfunction points in time.
 - Temperature measurement technology integrated with the switchgear is safer and more reliable.
 - Modular structure easy to maintain and extend.

Superior intelligence and meet all your needs

- Comprehensive intelligent motor/feeder management**
 - The function cover control, protection, monitoring and maintenance, exceed customer's requirements.
 - Flexible modular design and freely scalable
 - Powerful software functions reduce engineering complexity , convenient for debugging, maintenance and upgrade



MNS Digital Switchgear

Create more values for you

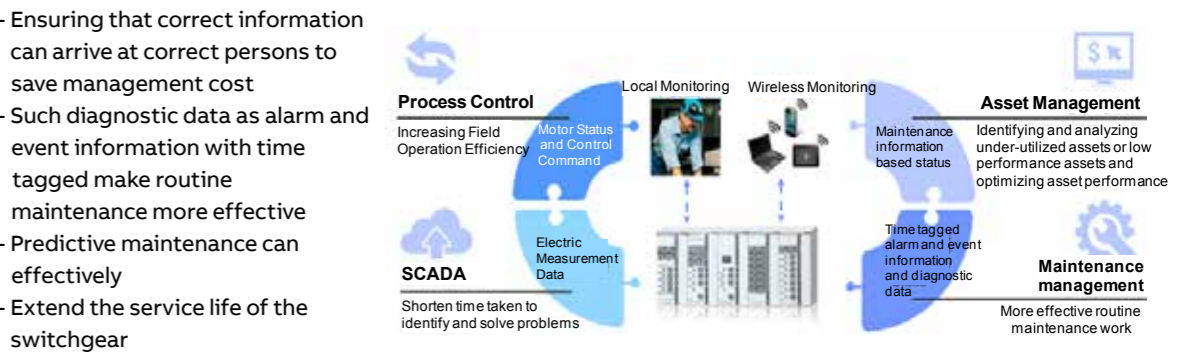
Cost reduction and life extension service

Full lifecycle management

Procurement & commissioning phase

- Ethernet communication reduces cabling
- A more compact structure can save the space of the electrical distribution room
- Powerful software functions reduce engineering complexity and design change cost

Use phase



System upgrade phase

- Current system configuration does not need changing