

Sifang Relay Protection Distribution Network Automation System



Overview

SIFANG digital substation solution provides flexible data acquisition methods—via hardwire, GOOSE, or SV—and supports diverse time synchronization techniques, including SNTP, IRIG-B, and IEEE1588. The solution also includes a comprehensive range of protection relays, BCUs. SIFANG, established in 1994 by Professor Yang Qixun, one of the first academicians of the Chinese Academy of Engineering, is a leading provider of advanced products and solutions for power system protection and automation. With a strong focus on energy and power sectors, SIFANG offers a diverse. Integrating network topology analysis for error prevention and SCADA control services, providing convenient remote control and tagging operations for power grid dispatchers. Integrate real-time data processing, topology analysis, and fault detection functions to provide network dynamic coloring and. Dispatch automation is the core technical means of power system operation and management, which integrates advanced computer technology, communication technology, and control technology to achieve real-time monitoring, analysis, and optimization control of the power system operation status. These solutions cater to applications ranging from residential. Founded in 1994, Beijing Sifang Automation is a top smart-grid equipment supplier in China. The company's product portfolio includes solutions for power system automation, relay protection, power system security and stability control, HVDC transmission control, dispatching automation, distribution. Stability and reliability risk in distribution generation connection Aging infrastructure High network loss and maintenance cost SIFANG, with the complete smart distribution automation solution, create better future together with customers.

Article Content

Jan 15, 2026

SIFANG-Advanced Distribution Automation System (ADMS)

With the continuous integration of distributed power sources and flexible loads, issues such as bidirectional power flow and random

Apr 24, 2026

SIFANG-Power Grid Protection Solution

By virtue of the traditional advantages on stability control, SIFANG carries out in-depth analysis of the requirements for power grid

Aug 18, 2025

SIFANG-Distribution Automation Solution

As the distribution network is becoming larger and more complex, more and more challenges occur • Stability and reliability risk in

Dec 13, 2025

Smart Substation Solutions by Sifang | PDF

The document discusses Sifang's smart substation solution and protection IEDs. It provides

Apr 18, 2026

SIFANG-CSC-2000 Substation Automation System

Substation Automation System is able to be applied to smart substation and conventional substation. It is a data platform which

Sep 10, 2025

SIFANG-Company Profile

With a strong focus on energy and power sectors, SIFANG offers a diverse range of products, including

Oct 29, 2025

SIFANG-Transmission

SIFANG digital substation solution provides flexible data acquisition methods—via hardwire, GOOSE, or SV—and supports diverse

Feb 01, 2026

Transform Substation Manufacturer, Automation, Protection Supplier ...

CSC2000 substation automation system, various kinds of microprocessor-based protection, measurement & control units, monitoring

May 08, 2026

HANNOVER MESSE Exhibitor 2026: Beijing Sifang Automation

SIANG, established in 1994 by Professor Yang Qixun, one of the first academicians of the Chinese Academy of Engineering, is a

Mar 02, 2026

Sifang-Distribution Automation Solution

Complete solution consists of distribution management system, feeder terminal Unit (FTU)/Distribution Terminal Unit (DTU), fault

Dec 03, 2025

Protection and Fault Information Management System Solution

Protection and Fault Information Management System (PFIS) collects all fault detail information automatically and systematically,

Jun 09, 2026

SIFANG-Technical Innovation

These achievements span areas such as independent and controllable platforms, protection and automation, security and stability

Oct 16, 2025

SIFANG-Protection Management System

SIFANG Protection Management System (PMS) collects and integrates the operation information and fault-related information of

Jan 04, 2026

SIFANG-Protection and Automation for Plant

SIFANG provided Electrical Control System (ECS), Network Control System (NCS), protection relays of generator-transformer unit,

Nov 27, 2025

Beijing Sifang Automation: Leading the Way in Smart-Grid Equipment

Beijing Sifang Automation, a leading smart-grid equipment supplier in China, uses a variety of Maxim signal-chain ICs in its solutions.

Dec 05, 2025

SIFANG-Railway and Subway Protection & Automation

The Turkey Ankara-Istanbul High-Speed Railway SCADA Project, commissioned in 2014, included 5 traction substations, 36

Jan 06, 2026

Distributed relay protection for distribution network based on hybrid ...

The distributed power supply is gradually connected to the distribution network, the original single power source

Nov 14, 2025

SIFANG-SOLUTIONS

Plant Automation SIFANG integrates control, protection, and other IEDs, utilizing an unified hardware-software platform to build a

Apr 15, 2026

SIFANG-ABOUT US

With a strong focus on energy and power sectors, SIFANG offers a diverse range of products, including protection, automation and

Jan 11, 2026

SIFANG-CSC-211 Multifunction Protection IED

Integrated protection function and monitor and control function. @#Meet demands for three-phase tripping in transmission and

Nov 27, 2025

SIFANG-Smart Substation Management Solution

SIFANG smart substation solution offers an “all in one” system helps to build a complete smart substation based on • All equipment

Mar 05, 2026

SIFANG-Advanced Distribution Automation System (ADMS)

This solution covers products such as distribution master stations, intelligent terminals, and intelligent switches, and integrates

Oct 02, 2025

SIFANG-SOLUTIONS

This solution covers products such as distribution master stations, intelligent terminals, and intelligent switches, and integrates

Nov 08, 2025

SIFANG CSC-161 PROTECTION DEVICE PRODUCT MANUAL

View and Download SIFANG CSC-161 product manual online. Line Protection IED. CSC-161 protection device pdf manual download.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

