Conext™ Insight 2

Your Solar & Storage Monitoring solution for Commercial, Industrial and Buildings

Cloud based platform to remotely monitor and optimize your installations’ performance.

solar.schneider-electric.com
Global leader in digital transformation of energy management and automation

Schneider Electric Solar Business

As an industry leader, Schneider Electric Solar Business focuses on designing and developing products and solutions for the solar power conversion chain and providing best-in-class global customer service and technical support. Our technology is powering photovoltaic systems all over the globe.

As the solar market goes through a rapid wave of consolidations, Schneider Electric Solar Business is one of the very few companies that can assure that spare parts, service and technical support will be continually available over the 20+ year life of a solar installation. A solid partner, financially and technically. We are your long-term partner for solar.

Schneider Electric Solar Business - Offer Services

Wherever your system is installed, there is a Schneider Electric Solar Business support team trained in your system’s technology, and your local power requirements and regulations. We maintain parts depots in every major region. Schneider Electric Solar Business Service currently supports over 10 000 customers and over 460 000 inverters around the world.

15+ years of experience in Solar
110 countries
150 person workforce fully dedicated to Solar in the main countries.
200+ Specialized software engineers in 3 continents.

100 000+ inverters installed worldwide
10 000+ customers worldwide

100 % countries dedicated to Solar Business

(1) CIB: Commercial Industrial Buildings
Solar & Storage management at your fingertips

Segments

- Residential Buildings
- Commercial & Industrial Buildings
- Government & Public Buildings
- Power Generation Facilities

Grid-tied

- Remote communities: Islands, Rural areas
- Remote Access Facilities: Telecom towers, Clinics, ATMs
- Off-grid Commercial & Industrial
- Off-grid residential

Off-grid

Conext™ Insight 2 is a cloud-based platform for end users and installers to remain connected to and manage a portfolio of customer sites. It is a simple tool for users to track their system performance locally and remotely.

The Conext™ Insight 2 brings solar monitoring to a whole new level:

- Installation overview – The Installation Overview screen allows you to see active events, track power levels and see basic system information. A simple, useful snapshot of system performance.
- Bi-directional system: read your data and configure your equipment directly on site or remotely.
- Take a closer look at how your system is performing: advanced monitoring of installation's energy sources (panels, battery, generator, load and grid) from anywhere in the world at anytime.

What you need to use Conext™ Insight 2

Access to the internet from a compatible web browser

Conext™ Insight 2 web portal

Conext™ Gateway local interface

Architecture
Cybersecurity

Risk Management

Cybersecurity is risk management and is one of our top priorities at Schneider Electric Solar Business. As the demand for distributed cloud computing & Internet of Things (IoT) is rapidly growing, our customers face increasing threats against critical infrastructures. Your information could be a target of these attacks, leading to the following critical consequences:

- Plant production stop and control (stop inverters, change configuration, etc)
- Financial loss due to a non-production
- Data diffusion or loss (user personal data): contact information such as email addresses, individual and company information.

Moving to the Cloud, is the most secure way to protect your data and site information

Our digital services offering helps our customers manage these risks:

The main benefits of using the cloud technology:

- Latest innovative technology at your fingertips
- Data access: wherever, at anytime
- Hardware material & maintenance cost savings
- Secured data & whole system as maximum

At Schneider Electric Solar Business, digitalization is at the heart of all our activities and is something that our team takes seriously. Several processes have been implemented to assure our customers that their investments are well-protected: developing partnerships with reputable companies, selecting the best tools, using tried and tested technologies, implementing most secured models of threat analysis.

Reliable partners

At Schneider Electric Solar Business, we collaborate with partners, leaders who develop and manage secured software to minimize threats to our customers and protect their data and services. Conext™ Insight 2 with Azure Cloud infrastructure is resilient to attack, safeguards user access to the Azure environment, and helps keep customer data secure through encrypted communications as well as threat management and mitigation practices, including regular penetration testing.

Our Cloud services provider

One of the leaders on the market on security, performance, reactivity of services, tried and tested components.

Our Cloud services manager

His role is to take in charge the management of our production infrastructures, supervise them and provide support 24/7.

Our Cybersecurity advisor

His role is to support us on identifying the main risks in cybersecurity and audit us designing threats models.

Protect your valuable investment from cyber threats.
Work with a trusted partner. Work with Schneider Electric Solar Business.

Our team and partners work hard to minimize consequences of the cyber-attacks. So decide wisely what is important for you, protect your data and secure your plant.
Why choose Conext™ Insight 2?
Simple, intuitive and designed to ensure higher ROI

Conext™ Insight 2 web portal

- Easily analyze your energy use and production through a user friendly interface.
- Optimize your operations with powerful remote troubleshooting.
- Minimize truck rolls and reduce installers travels expenses
- Configure your key operating parameters to extend equipment life.
- Monitor and analyze a single site or your complete portfolio of sites.
- Drill-down from a multi-sites overview to the detailed diagnosis of specific equipment on site.
- Manage data of all key installed devices from a single login.

Conext™ Gateway and its embedded monitoring interface

- Monitor locally your installation through live system monitoring.
- Manage and configure locally system settings with the basic or advanced configuration options.
- Keep an eye on the device status during operations.
- Upgrade the firmware with bulk update and advanced progress tracking.

Remote control

Easily adapts to different applications, Conext™ Insight 2 brings remote firmware upgrades and system settings management to the cloud.

Advanced multi-site management

The multi-site management feature allows for quick comparison of key site information visually or in a table view.

Benefits of the solution

- Remote access and control of your solar and storage system.
- Optimum design for monitoring various applications: backup, off-grid, and rural electrification.
- Allow all key stakeholders to be kept abreast with your plant performance.
- Easy to install and configure: intuitive setup, quick configuration of Conext™ Gateway to connect to Conext™ Insight 2 web portal.
## Conext™ Insight 2 solution features

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(1) Solar, Grid, Battery, Generator, Load, Inverter, Charge Controller
(2) Gateway handles data acquisition from devices and manages data aggregation and storage. Data is pushed into Cloud
(3) Inverter (GT / TX / XW / CSW), Charger (MPPT), Battery Monitor (Battmon), Generator (AGS), System Control Panel (SCP)
(4) Basic user management
(5) Basic and advanced user management
(6) Single site only
(7) Multisites
Why partner with Schneider Electric?

- **Intuitive user friendly interface**
- **Accurate and accessible data**
- **Cybersecurity of whole System.**
- **Reliable on Schneider Electric standards**
- **Web portal use free of charge**

Why trust Conext™ Insight 2?

- Intuitive user friendly interface
- Accurate and accessible data
- Cybersecurity of whole System.
- Reliable on Schneider Electric standards
- Web portal use free of charge

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