PROJECT • DELIVERY • INSTALLATION • ADJUSTMENT

DESIGN OF NEW FACILITIES

SCADA

MODERNIZATION OF EXISTING SPP

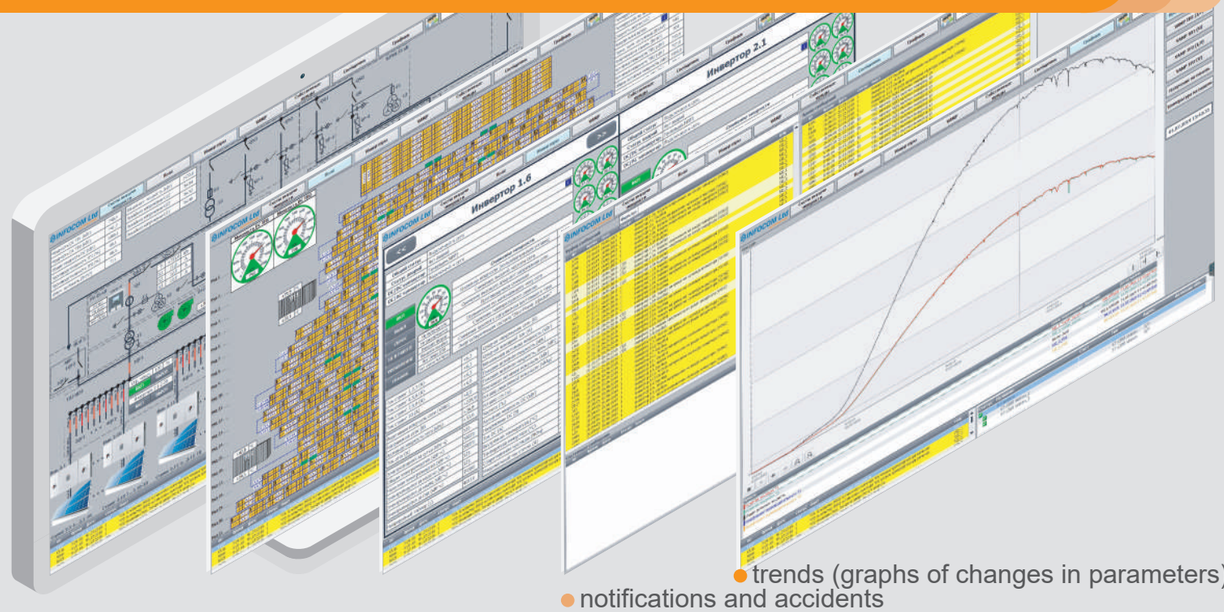
The project is carried out taking into account the requirements and rules in force in Ukraine

Selection of quality equipment for your facility

Existing project audit to select the optimal solution

Operational documentation is issued after system adjustment

EXAMPLE OF A PROJECT EXECUTED ON SCADA WINCC



- trends (graphs of changes in parameters)
- notifications and accidents
- inverters parameters
- solar park plan
- mnemonic diagram of SPP

MANUFACTURERS OF INVERTERS USED IN PROJECTS

IN OUR PROJECTS WE RECOMMEND

ABB · HUAWEI · Schneider Electric · Samil Power (Expert for PV Grid-tied Inverters) · SMA · Fronius

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SOLAR TECHNOLOGIES

UNIVERSAL SOLAR POWER PLANTS MONITORING AND DISPATCHING SYSTEM

TYPICAL SOLUTIONS FOR SOLAR INDUSTRY

INFOCOM Ltd
TOTAL AUTOMATION

UNIVERSAL SOLAR POWER PLANTS MONITORING AND DISPATCHING SYSTEM (SPP)

POWER CONTROL GENERATION

The use of a SCADA-based monitoring system makes it possible to remotely regulate the main electrical parameters of inverters.

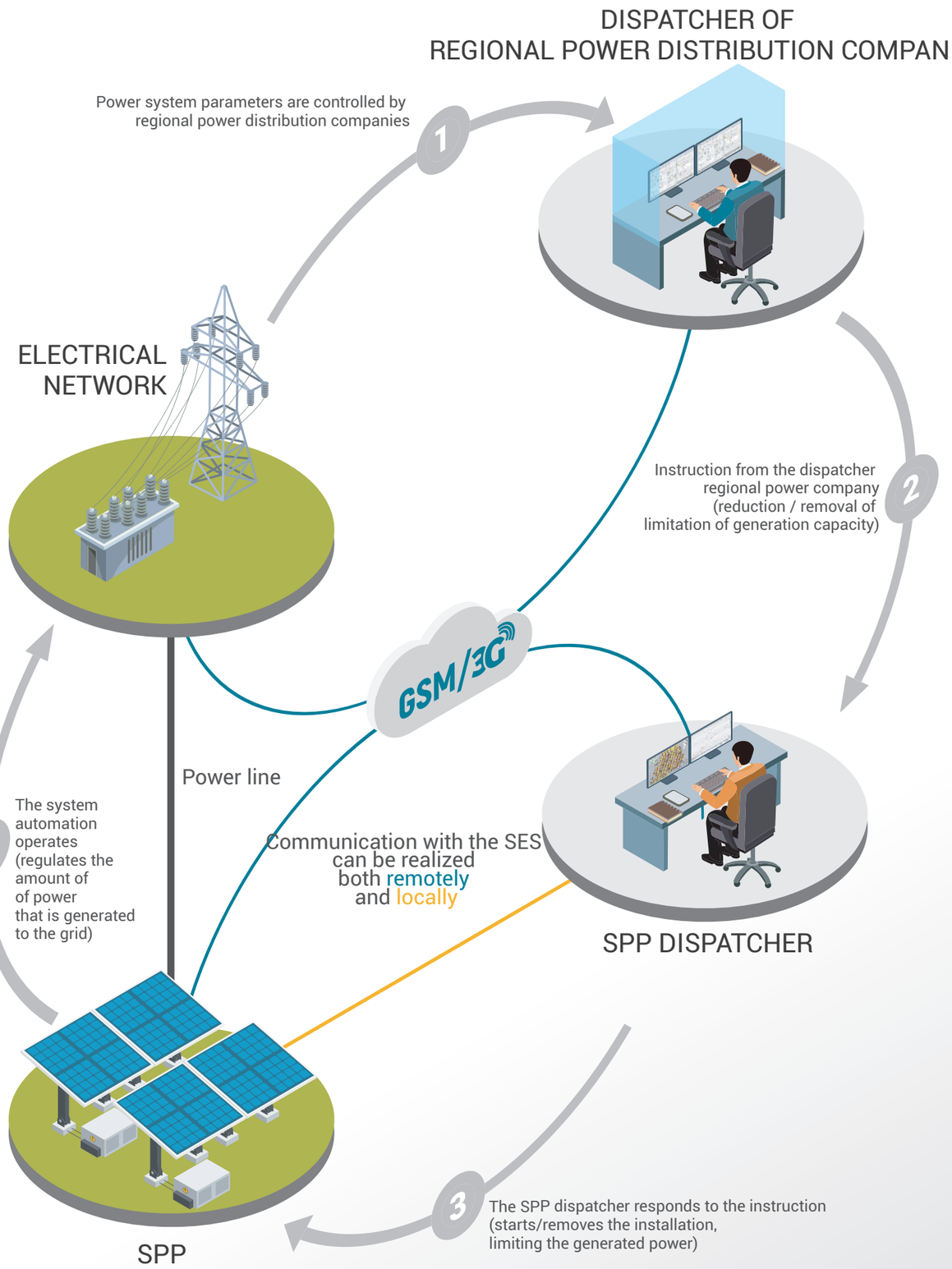
SCADA allows you to organize the management of equipment from various manufacturers.

WHICH PARAMETERS SHOULD BE MONITORED:

1. Parameters of solar panels (according to the strings)
2. Inverters parameters
3. Transformer operation parameters
4. Parameters of high-voltage equipment (relay protection and automation system)

\+ **Optional (depending on the capacity and structure of the SPP):**

- meteorological conditions (environmental parameters)
- security video surveillance system
- microclimate control parameters of the inverter substation
- backup power supply parameters
- fire alarm system



SCADA FOR DISPATCHING AND CONTROLLING

One of the undoubted advantages of using a SCADA system is that it is local and works regardless of the availability of the Internet.

Convenient remote monitoring of several facilities (solar power plants, wind farms, etc.)

WHAT ARE THE ADVANTAGES OF OUR MONITORING SYSTEM:

1. **The fastest possible response** to the instructions of the energy control (reduce/limit power)
2. Enables SPP personnel to quickly and accurately **detect faulty equipment**
3. Allows you to **receive current information** about the status of protective and switching equipment
4. **Constant maintenance of the archive of records** on the parameters of station operation and operator actions
5. **Control over the operation of SPP from anywhere in the world.** Complete data on voltage, generation, etc.
6. **Cybersecurity.** Secure network for fast and secure information transfer