SIEMENS

ENERGY AUTOMATION PRODUCTS

SICAM A8000 - Rack

High-density platform for new installations and retrofit solutions
siemens.com/sicam-a8000

Evolutionary further development

The SICAM A8000 rack solution offers the benefits of the proven and powerful SICAM AK 3 in conjunction with the latest SICAM A8000 platform.

Beside all the benefits offered by the SICAM A8000 CP-8050, the rack solution goes the extra mile by allowing for a high level of signal density to further widen its scope of applications.

I/O units in 19-inch format and the resulting small foot-print enable a wide variety of signals to be channeled into the process.

Retrofit

Do you already operate a SICAM AK or AK3 unit?

If so, implementing our retrofit solution might be a crucial step towards modernizing your system.

By using the following components, existing legacy SICAM AK I/O modules can easily be migrated into a SICAM A8000 rack solution and connected to a SICAM A8000 CP-8050 unit:

*   SICAM I/O Rack CM-2843/44, CM-2840

*   Interfacing module CI-2530

*   Power supply modul PS-2630 or PS-2632

*   CM-8846 adaptor for fitting the CP-8050 to a swing frame as necessary

The following SICAM AK modules can continue to be used as SICAM A8000 rack I/O units in conjunction with the CP-8050, and are aligned with the product lifecycle of the SICAM A8000 CP-8050:

*   SICAM DI-2112/13/14/15

*   SICAM DO-2201

*   SICAM DO-2210/11 incl. SM-2506

*   SICAM AI-2300 incl. SM-057x

Legacy SICAM AK I/O units are also supported by the CP-8050 and can remain in operation:

*   AI-2302/03

*   DI-2100/10/11

*   MX-2400

To continue using the process wiring of SICAM AK Ax racks, the handle molds of the connector plugs are adapted and locked into position in the new rack.

When the existing I/O rack does not comply with the specifications, it can easily be replaced – with all the wiring of the I/O modules remaining in place! The same goes for the power supply (refer to the manual for details).
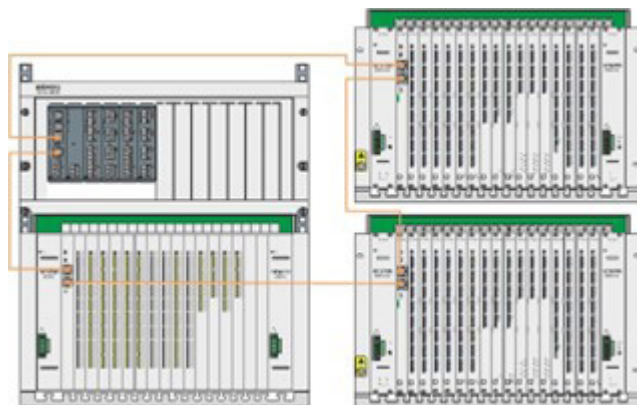
More safety for your plant

Automation devices used in critical infrastructural areas are subject to stringent requirements, also in terms of ever-evolving cybersecurity.
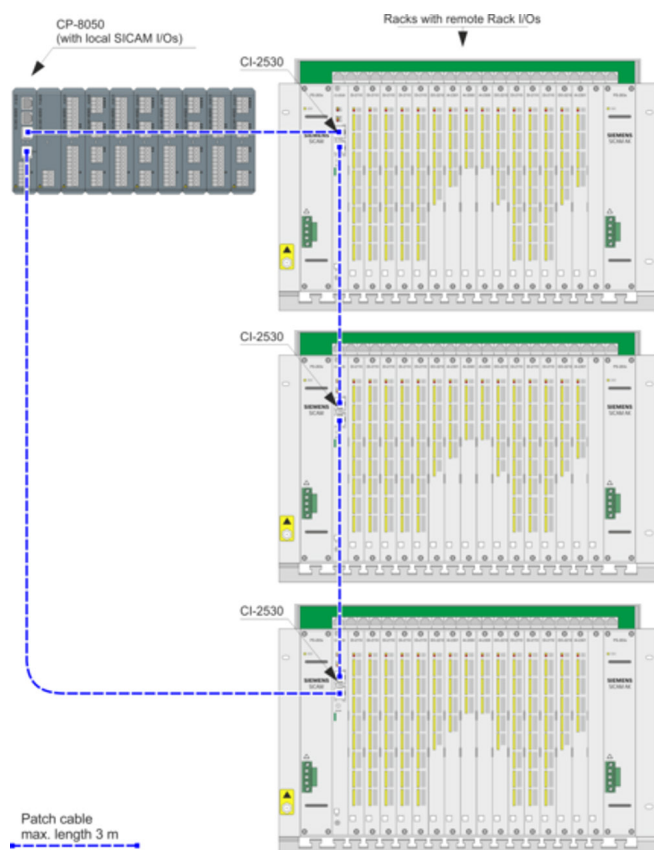
Thanks to the combination of the SICAM A8000 rack and the SICAM A8000 CP-8050, all safety features are state-of-the-art and continuously improved.
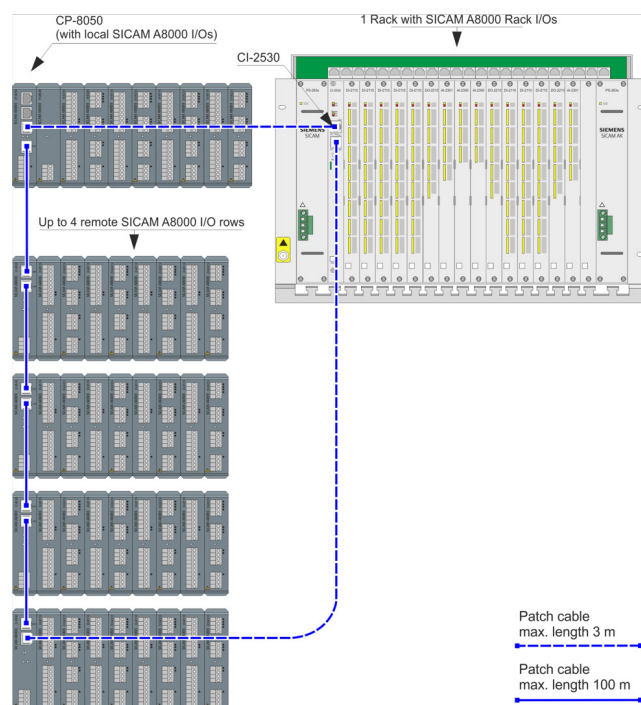
Technical informaton and combination examples

- CM-8846 adaptor for swing-frame installation in a 19" frame (picture swing-frame installation)

- SICAM A8000 CI-2530: Connection interface to connect SICAM I/O racks to a CP-8050 unit

- 1 x CI-2530 required per I/O rack

- One I/O rack can hold a total of 16 rack I/O modules

- Up to 4 I/O racks can be used

- Operating temperature -5 °C to +55 °C

- Singular or redundant power supply may be used for I/O racks supporting PS-2630 and PS-2632

SICAM A8000 Rack - Swing Frame installation

SICAM A8000 Rack - Combination example 1

SICAM A8000 Rack - Combination example 2