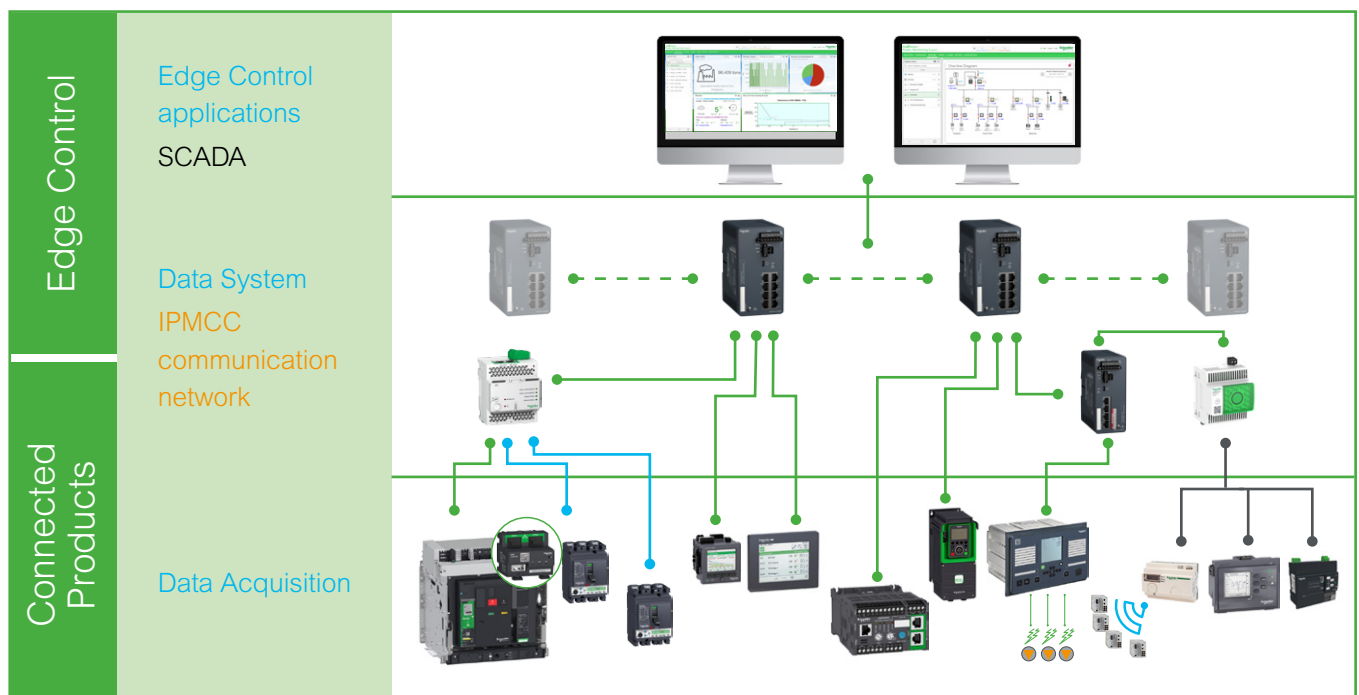


# iPMCC our digital solution for power distribution and motor control.

Nowadays you need control systems that deliver full information about the power and motor status (faults, overheating), statistics on functioning (what occurred in the last hours) and also for an “intelligent” protection system, which can identify the potential risks and send alarms to the maintenance staff to act before a failure occurs reducing the risk of downtime. iPMCC (Intelligent Power and Motor Control Center) solution portfolio is a set of communication architectures called the Data System, which embedded in equipment, will make it possible to collect and make available the necessary data to a supervisor client with the level of performance required to drive electro-intensive and electro-sensitive installations.

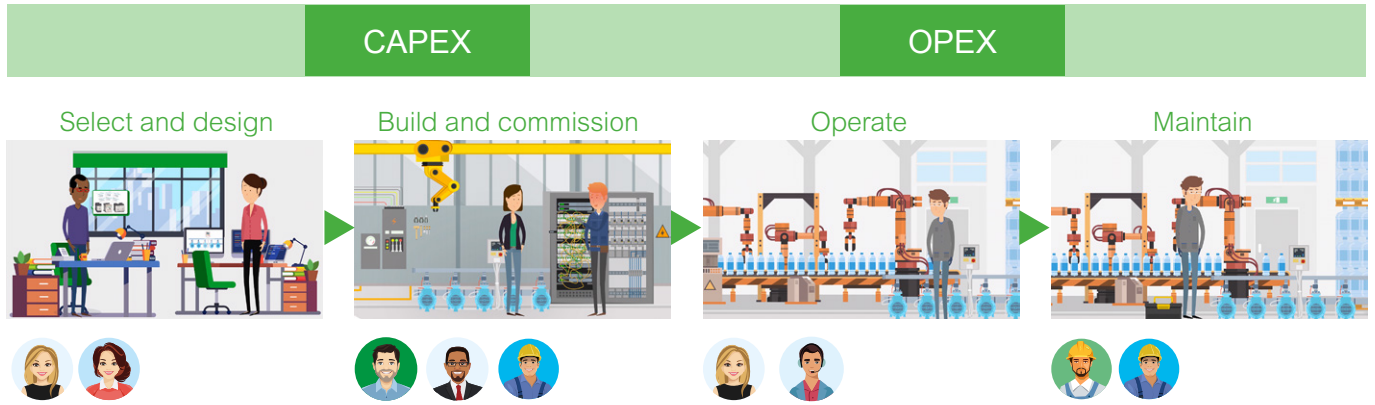
The Data System is composed of communication devices like switches, gateways and data concentrator to establish the link between supervisor and the connected product to route data while ensuring availability and reliability of the transmission.



The use of intelligent electronic devices allows to gather far more information than before and thanks to the implementation of IPMCC solution it will be possible to benefit from Ecostruxure Edge Control applications to monitor, control and manage better industrial installation.

iPMCC is intended to be one of the most “open” solutions on the market. It supports the major protocols used in industrial communications networks in native mode: EtherNet/IP, ModBus TCP/IP, ModBus RTU, Profibus but also in some extent DeviceNet and CANopen.

## iPMCC for Okken: Save time and costs throughout the entire life cycle



### CAPEX or construction phase

#### Select and design

- Simplified design thanks to an architecture fully described and tested
- Very wide portfolio of digital architectures to feed all needs

#### Building and commission

- Reduced wiring time
- Risk of error minimized and faster fixing

### OPEX or operation phase

#### Operate

- Remote or local access to the information for controlling, optimizing and monitoring
- Enable identification of saving opportunities in energy management
- Help to improve continuity of service
- Scalability of data analysis capability (eg harmonics data)

#### Maintain

- Allow to monitor real time status of devices & equipment
- Afford to anticipate maintenance operation to reduce risk of downtimes
- Leverage time saving in maintenance by better understanding and asset localization

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