

IntelliCENTER Integration Unit

Bringing networks together for more visibility and better control

Benefits

- The IntelliCENTER® Integration Unit removes the complexity of designing an interface to connect your intelligent electronic devices (IEDs) to your process control system.
- The unit integrates electrical power information to the Rockwell Automation control system environment by providing a standard interface to the IEC 61850 network.
- The unit uses the IEC 61850 standard including MMS for data integration into the control system architecture.
- The IntelliCENTER Integration Unit coupled with the Rockwell Automation library of electrical protection devices provides standardized, characterized control strategies for electrical control systems.
- Rockwell Automation library of electrical protection devices provides prebuilt, validated add-on instructions for easy integration and characterized response of third-party IEDs.
- A single Integration Unit can function with up to 40 IEDs, and multiple hardware units can be included to scale to larger systems.
- You can choose the right unit for your application with standard catalog options.
- Easier to program with standard Studio 5000® toolset.

Our Intelligent Packaged Power offering helps you extend the value of your investments across your process control and electrical systems.



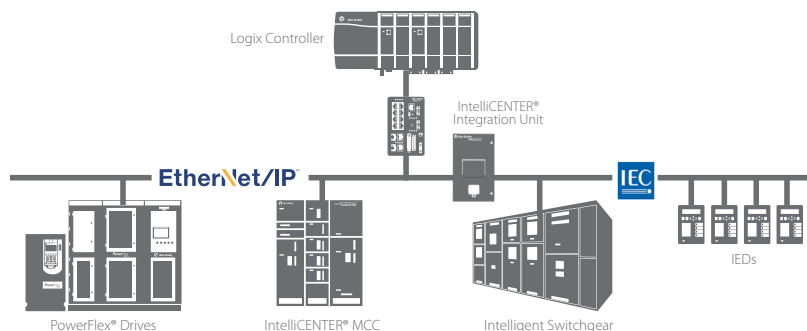
Overview

Our Intelligent Packaged Power offering helps reduce risk by delivering our motor control devices – and all elements of the electrical distribution system – in one, consolidated package.

And thanks to our relationships with multiple vendors, Rockwell Automation delivers a coordinated, cost-effective approach that allows you to choose electrical components best suited to your requirements.

We can take the equipment that is typically part of the electrical distribution system using devices with IEC 61850 communications and integrate it into the Logix control architecture.

The Rockwell Automation solution integrates the intelligent devices in your power distribution system along with the intelligent devices in your process and automation control system into our Logix control and software environment giving you an integrated power and automation solution.



LISTEN.
THINK.
SOLVE.®

Unified System – Helps Eliminate Separate eSCADA

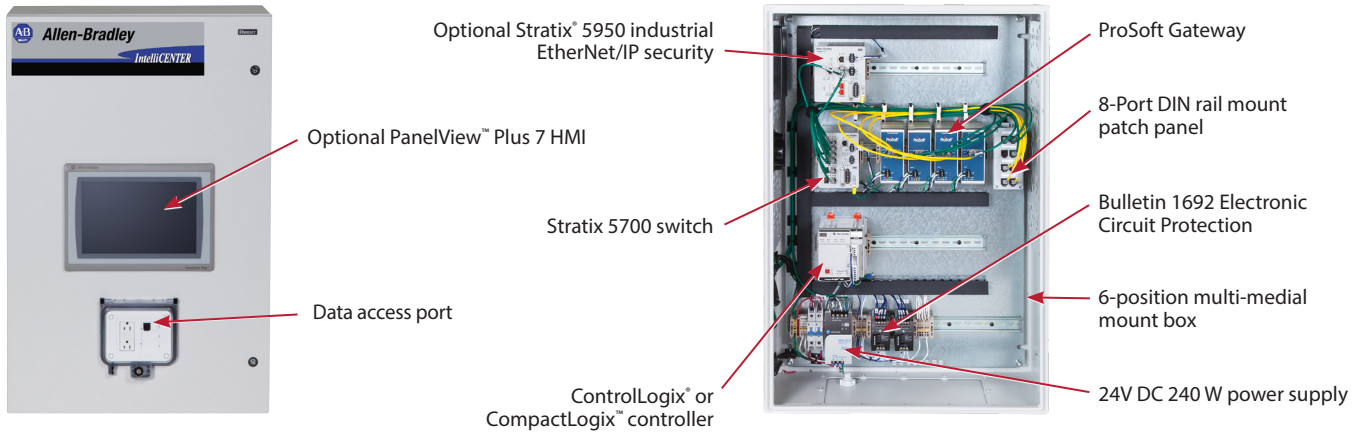
Our solution uses standard hardware and helps improve the design, operate, and maintenance experience. The IntelliCENTER Integration Unit compliments our ability to deliver both the motor and electrical control equipment to meet your needs.

Hardware includes Allen-Bradley® low voltage and medium voltage equipment, combined with third-party switchgear and the new IntelliCENTER Integration Unit.

The performance of this standard solution has been tested to help confirm customer requirements can be met.

Integrating the process and electrical systems into one control and software platform (Logix and FactoryTalk™) gives your process and electrical operators a single source of data that can be displayed in the way they need to see it.

IntelliCENTER IEC 61850 Integration Unit Layout



Technical Data

Certifications	• UL 508(A)
Mounting	• CPwE Compliant Design • Uses co-branded Panduit enclosure
Performance and Throughput	<ul style="list-style-type: none"> • Up to 70 [ms] response time when fully consumed - Up to 500 tags/signals per IED • This performance will support typical power distribution control strategies including black start, generator synchronization, and long time constant load shedding
Scaling and Options	<ul style="list-style-type: none"> • Up-to 40 IEDs per IntelliCENTER Integration Unit • Can have multiple IntelliCENTER Integration Units as required • ControlLogix® programmable automation controller (PAC), or CompactLogix™ PAC • PanelView™ for local Operator Interface • Security appliance for interfacing over untrusted connections
Reference	• <i>Tech Data, Install Instructions, Rockwell Automation Library of Electrical Protection Devices</i> and <i>Ref. Manual</i>



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