Intelligent Packaged Power
Traditionally, electrical power distribution and automation control systems have been supplied as independent systems. This “two-system” approach introduces complexity and costs throughout the life of the solution.

- Multiple vendor relationships
- Duplicate visualization, archiving and reporting platforms
- Complex interfaces between systems
- Limited access to data from intelligent electrical devices (IEDs) for real-time control

In the past, modifying an existing system was complex – and replacing old equipment with newer technology did little to improve the underlying supply, design and operational challenges.

NOW THERE’S A BETTER WAY.

Rockwell Automation Intelligent Packaged Power puts modern digital technology to work to simplify your supply chain, unify your systems – and deliver extraordinary benefits.
Simply Better **System Packaging**

**Whether it’s a new plant or an upgrade, miscommunication between you and your technology vendors in the early design phase can cause unforeseen integration challenges later in the process.**

And the more suppliers involved in the project, the bigger the risk to timelines and budgets.

While you can’t eliminate multivendor management for some of your processes, you can simplify procurement for an important aspect of your plant.

Our **Intelligent Packaged Power** offering reduces risk by delivering our motor control devices – and all elements of the electrical distribution system – in a single, 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.

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**The RIGHT WAY to optimize system packaging:**

- Access to many component manufacturers to enable “best fit”
- One core digital technology – unmodified Ethernet – to ease integration
- One supplier to coordinate consolidation

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**YOUR WORLD TODAY**

**SOLE TECHNOLOGY PACKAGES**

![Images of technology packages]

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**WHAT YOUR FUTURE COULD LOOK LIKE**

**INTEGRATED TECHNOLOGY PACKAGE**

![Diagram showing a coordinated, cost-effective approach]

→ Save up to 15% by System Packaging
Going **Truly Digital**

A digital technology foundation underlies every successful plant. But for many companies, a truly digitally-enabled electrical system is out of reach.

Why? The challenges rest in the conventional approach to infrastructure design.

On the power distribution side, plants often maintain substation automation systems with intelligent electrical devices (IEDs) operating on a variety of networks. The electrical supervisory control and data acquisition (eSCADA) system has limited visibility to the process control system.

For process control, some plants use proprietary networks that rely on individual, hardwired connections for motor control devices. Others have adopted a second digital network to ease motor control integration, but face configuration and response time challenges – and limited access to data.

Still others have improved control system integration and communication with an Ethernet infrastructure – and have enjoyed design and implementation savings of more than 25 percent. But yet have no digital access to substation data.

Our Intelligent Packaged Power offering helps you reap the benefits of digital technology and Ethernet connectivity – and extend the value of your investments across your process control and electrical systems.

You can **save more than 25%** in design and implementation costs with a digital solution.

**DIGITAL TECHNOLOGY LOWERS COSTS & IMPROVES PERFORMANCE from Process Control to the Electrical System**

- **Lower** engineering, wiring and installation costs
- **Faster** commissioning and startup
- **Enhanced** workplace safety thanks to remote monitoring
- **Less** unplanned downtime with real-time access to operating conditions, faults, alarms and events
One Infrastructure. **BIG Benefits.**

**Simply put, our Intelligent Packaged Power solution fundamentally changes the way many companies think about eSCADA and process control systems.**

Our packaged solution replaces independent eSCADA and process control systems with a unified, fully digital system based on unmodified Ethernet.

Using the EtherNet/IP™ protocol, Allen-Bradley® Intelligent Motor Control devices communicate and work as an integral part of the process control system. At the same time, critical substation equipment communicates with intelligent electrical devices (IEDs) over unmodified Ethernet based on the IEC-61850 standard.

Thanks to our open automation architecture, our solution maps substation data directly to the control environment to enable seamless communication between the IEDs and the control platform.

**The result?** A digitally-enabled, unified system that provides integrated substation visibility through the same system that runs the rest of the plant. And delivers big benefits to your bottom line:

- **Less complexity and duplication** with one network, visualization, archiving and reporting platform
- Access to synchronized, **time-stamped data from a single source**
- **Better load management** and energy management
- **Real-time monitoring** of electrical and process systems from anywhere
- **Up to 90 percent lower integration costs** as part of a Rockwell Automation Logix control system
- **Up to 70 percent lower integration costs** when integrated as a power skid with third-party control platforms
- **Faster and easier** system modification and expansion
We can help you change the way YOU THINK about eSCADA and process control systems.

Discover how you can modernize your existing electrical system – or take an integrated approach to a new plant implementation. And start realizing the benefits today.

Call a Rockwell Automation representative for more information.

Integrated Power & Automation is just one more way Rockwell Automation helps you bring The Connected Enterprise to life.

Rockwell Automation, Inc. (NYSE:ROK), the world’s largest company dedicated to industrial automation, makes its customers more productive and the world more sustainable. Throughout the world, our flagship Allen-Bradley® and Rockwell Software® product brands are recognized for innovation and excellence.

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