



Partner to Solve Complex Process System Problems and Stay Competitive

“Providing a service that is not at the core of your business practice may detract from your bottom line. You need to consider factors such as overhead costs for these employees, cost-effectiveness, as well as missed opportunity costs related to your staff who are not contributing to your core competency.”

**John Koehler,
Melissa Striet, Process Plus
Control Engineering, April 2012**

What if you could...

- “Hire” experienced systems engineers only when you needed them?
- Decrease your time commitment to implementing a control strategy or system change?
- Pre-configure plans that ensure the results of your system change projects?
- Give your operations personnel hands-on training while implementing your system changes?

As industrial process control sites reduce manpower while production demands increase, improving efficiency is a must. Inevitably site engineers don't have the time to plan and implement process improvement strategies, let alone attend application-specific trainings in preparation for these tasks. With increasing demand to improve production efficiency, the upward trend in required technical expertise to implement new control strategies continues. So plant operations managers continually find themselves asking: “Where can I find trustworthy, knowledgeable, affordable professional advisors who know my plant, process and business demands?”

I KNOW WHAT I NEED BUT DON'T KNOW HOW TO IMPLEMENT IT

Your process and operations experts can identify potential improvements on the process for better product quality, yield, material savings, safety or throughput. The challenges come with identifying how to integrate new equipment with your existing automation system. Will you have to schedule process downtime? What



additional control information will your operators need? How much will the engineering, operator training, and maintenance cost--and how will you justify those costs? You often need a tag team to respond to these questions and fully realize these potentials in a working control strategy.

SO MUCH TO DO; SO LITTLE TIME

You and your key personnel are already stretched. Each employee is asked to do more with less. And part of the “more” that's expected of you is finding ways to improve system availability, end-product quality, production yield, material savings or throughput. You know your process, but you don't have the expertise to implement that proven, time-saving solution. And you don't have the time to learn all the particulars and put together a comprehensive plan that ensures the results you need without risk of an inefficient or unreliable solution.

ADDED TRAINING AND MAINTENANCE COSTS

Neither you nor any of your engineers has the expertise to implement the needed system changes, and you don't have the time or money to “train up” to operate and maintain them.

CONSULTING SERVICES

EXPERT ASSISTANCE

Consulting Services can provide convenient access to experts to help you plan and implement your automation system application, configuration, network design, system interfaces and more. The service puts you in contact with Emerson Consultants, enabling you to tap these career professionals' vast experience in supporting thousands of systems in hundreds of applications in all industries worldwide.

SUPPLEMENTAL CAPABILITIES

Many plants have limited qualified staff to implement system changes. With Consulting Services, you can supplement the capabilities of your existing process, operations, or system maintenance staff with Emerson consultants. These experts can give you the vital additional resources you need to successfully and efficiently implement the occasional system changes that can provide the systems and process performance boosts you're tasked with providing—while allowing you and your key personnel more time to continue the critical day-to-day operations you already perform.



“We used to just live with some issues because we couldn't figure out what their cause was and we were able to find work-arounds. Now, the issue can get the proper attention and a lot of time the issue can be correctly resolved.”

**Process Automation Engineer
Major International
Life Sciences Manufacturer**

BUDGET CERTAINTY AND JUSTIFIABLE VALUE

Consulting Services can help you more accurately estimate the resources needed to implement system changes, often with estimated performance improvements, which can help you justify return on your investment. Consulting can also serve as a form of “just-in-time” training specific to your application needs. This can help you avoid the time and cost of training travel, while allowing your key operations personnel to remain on site.

For more information, contact your local sales office or visit: www.EmersonProcess.com

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