


Automation Services

Maintenance and Modernization Consultancy



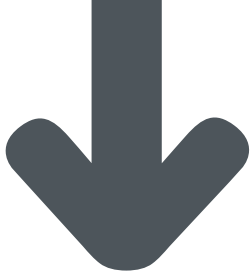
Take a strategic approach with your operational budget to get ahead, not just get by.

Make the most of your energySM

Schneider
Electric



A complete audit and analysis of your existing automation equipment, processes and support by a Schneider Electric-trained Maintenance and Modernization Consultancy (M²C) professional can give you the actionable roadmap you need to reduce risk, improve system performance and improve your competitiveness.



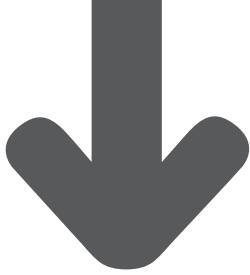
Making it all work.



Schneider Electric M²C experts have the industry, process and product experience to deliver an in-depth analysis of your facilities to:

- Identify potential risk
- Prioritize a recommended course of action
- Calculate costs with clear business justifications and benefits
- Outline a clear execution plan for making it all work





The right information to make the right business decision

Knowledge of your equipment, experience in your industry, understanding of your processes and the expertise to apply it all to improving your business—that's what Schneider Electric brings to every M²C engagement.

What you get is an in-depth automation analysis that evaluates your current systems and processes to create a roadmap for making the best decisions for your investment in equipment, software, people, processes and training. A solid foundation for guiding and justifying your operational spending with a clear understanding of how it will:

- Reduce future costs
- Optimize productivity
- Decrease maintenance issues
- Proactively identify potential automation and control component support issues
- Minimize unscheduled downtime
- Sharpen and focus the skills of your technical staff and identify potential skills lacking
- Reduce non-production inventory without risking machine uptime



The Methodology of M²C.



You and your project team will identify and set expectations for the scope of the project around areas related to:

- Focus (complete factory, specific production line, spare parts, maintenance tools, etc.)
- Depth (hardware, software, staff skills, etc.)
- Timeline
- Critical areas requiring special emphasis



We collect data while you operate as normal. Data collected includes, but is not limited to, information regarding:

- Inventory of hardware, software and spare parts
- Process maps
- Risk areas
- Equipment performance and age
- Plant or line performance
- Skills analysis



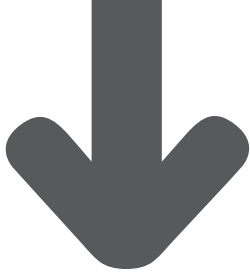
We analyze this information in two ways to:

- Minimize downtime
- Optimize spare parts and tools to support your automation investment
- Identify root causes of downtime to identify process or systemic issues
- Evaluate equipment inventory with our product database to identify potential resource risks
- Identify any skills gaps between your personnel and equipment



We then personalize a plan for your facility that provides:

- A blueprint for minimizing risk and maximizing performance
- Justification for your operational expenditure to your business objectives and facility needs
- Identification of the most important areas for improvement given your priorities and budget
- Recommendation towards a course of action with costs and timelines



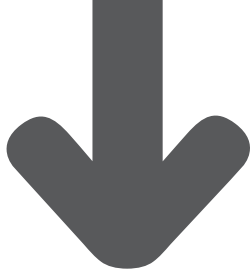
Is M²C right for you?

Ask your Schneider Electric sales representative to walk through the process with you or complete the worksheet below.

1. Do you have a complete inventory of the automation equipment in your facility?
 Yes No Maybe
2. Does your entire support team have the skills and experience to support your existing automation and control equipment?
 Yes No Maybe
3. Are you routinely evaluating your processes to improve performance?
 Yes No Maybe
4. Are you convinced that you are allocating all of your operational expenditures to maximize benefit and meet business goals?
 Yes No Maybe
5. Are you routinely evaluating your maintenance reports to identify root causes to proactively prevent future downtime?
 Yes No Maybe
6. Are you routinely engaged in identifying opportunities to cut energy costs to fund productivity improvements?
 Yes No Maybe
7. Do you have vintage (over ten years old) automation equipment in your facility? (PLCs, HMIs, drives, etc.)
 Yes No Maybe
8. Do you have all the required spare parts inventory to support your aging equipment?
 Yes No Maybe
9. Are you dealing with multiple vendors for equipment repair or replacement?
 Yes No Maybe
10. Are there applications in your facility that if down, can immediately stop production?
 Yes No Maybe



If you answered “No” or “Maybe” to the any of the first six questions or “Yes” to the last four, you would benefit from an M²C engagement. Through this program, we’ll give you the information you need to make informed decisions and identify your greatest opportunity for improvement and areas where you are most vulnerable to risk. You’ll have at your fingertips the critical data you need to manage your business through difficult economic conditions and a solid foundation for a business case focused on improving, not just maintaining, the status quo.



Talk to someone you can trust.



For over 100 years, Schneider Electric has been known and respected for some of the world's most reliable electrical products.

This includes delivering proven energy and power management solutions, as well as reshaping the face of automation and control with the introduction of the world's first programmable controller, the Modicon® PLC. Since then, we've continued to expand our expertise and product offerings to further solidify our position as the world's most popular provider of power, control and automation solutions.

Augmenting our product expertise are specialized teams of industry experts. Working in partnership with you, they apply our leading power, control and automation products to your business in order to deliver innovative solutions that improve quality, performance and productivity. Solutions that are proven and backed by a commitment to meeting your global manufacturing and facility needs without losing sight of your unique local and regional requirements.

Contact your sales representative today to learn how Schneider Electric can improve operational performance and help your business to achieve a competitive advantage.

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