



Control your future

Flexible DCS migration solutions
from Schneider Electric

se.com

Life Is On

Schneider
Electric



Is it time for a new DCS?

Aging distributed control systems are a growing concern for plant managers. You already know the reasons why: lack of supplier support, unscheduled downtime, high maintenance costs, out-of-date technology and many others. Schneider Electric has the experience and the solutions to leverage what you have today to get where you need to be tomorrow, while remaining competitive — all with minimal risk of business disruption. Control your future with Schneider Electric migration solutions.



Five reasons to partner with Schneider Electric.

1. Deep project execution experience

Schneider Electric has successfully transitioned more than 1000 process plants forward to the latest future-proof technology. We lead the world in DCS migration experience. Let a team of project execution specialists from our Migration Centers of Excellence audit your installation, consult with your team and map the optimum migration path for your specific needs.

2. The broadest DCS migration solution set

Our wide range of migration products and services is the most comprehensive available. Choose from our phased HMI, plug-in I/O or total system replacement solutions. Each is optimized to minimize your risk, downtime and cost.

3. Unwavering commitment to your success

Our people are known not only for their engineering expertise but also for their proven commitment to client success. We pride ourselves in attention to the details we know will impact your long-term operations. We have a lot invested in your business success, and we act accordingly.

4. Maximum flexibility and scalability

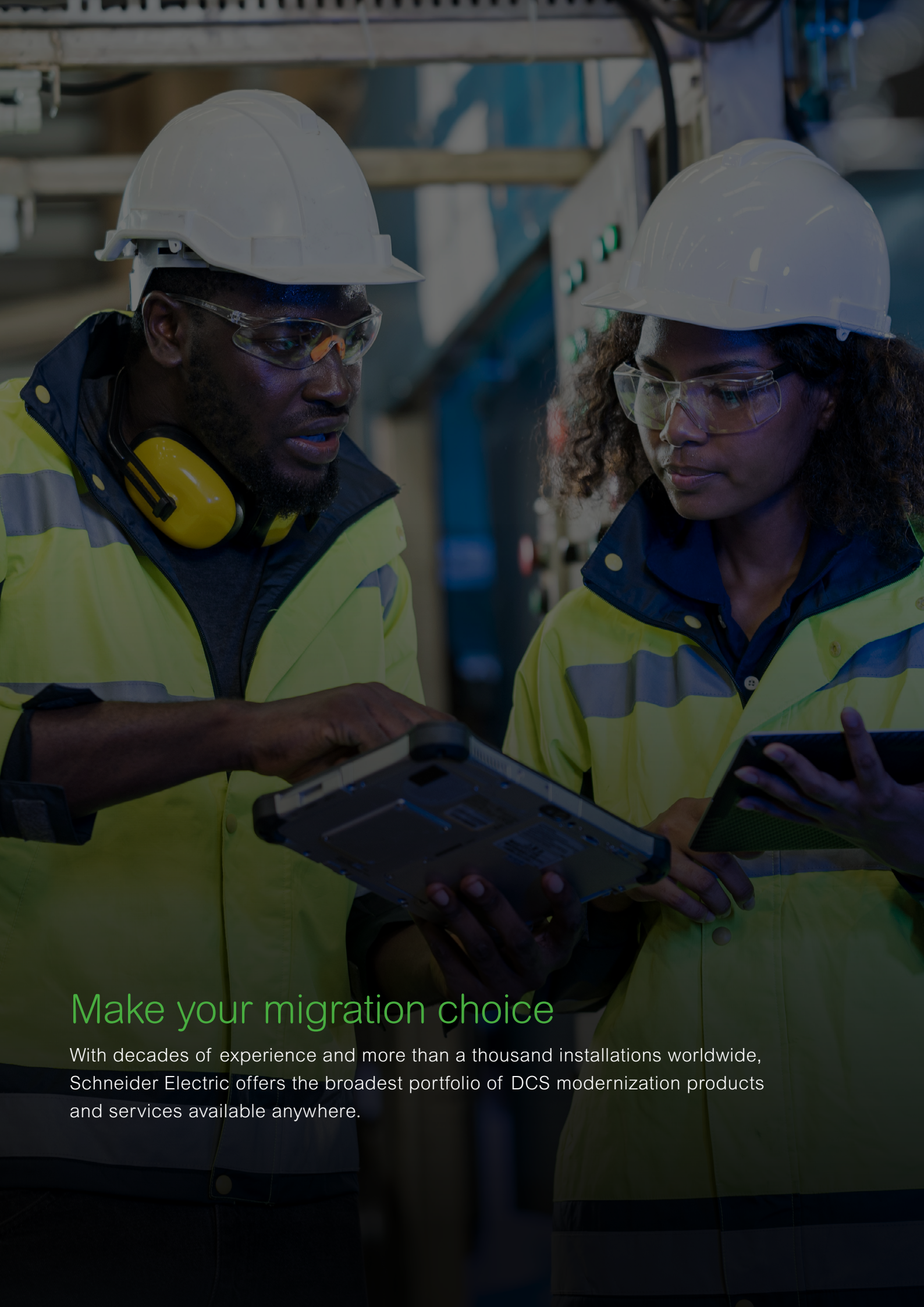
Our complete solution set means you can begin your migration process from any point, and change only what you need. Your solution is customized for your site, your budget and your planning goals.

5. Future-proof technology and operations

And best of all, when you migrate to an EcoStruxure Foxboro DCS you will have new performance capabilities and features that can empower everyone in your plant to work better, smarter and faster. You may never deal with system migration again — because the system is designed to evolve and grow with your business and operational requirements.

“We are pleased with the migration — a lot fewer hardware, software and operator-related issues than we had with previous systems. In the future, we will expand our partnership.”

Raymond Rioux, control engineer,
UPM-Kymmene, Canada



Make your migration choice

With decades of experience and more than a thousand installations worldwide, Schneider Electric offers the broadest portfolio of DCS modernization products and services available anywhere.



HMI solutions

For plants that need to postpone major changes, yet still want some important benefits of modern control system visualization and engineering, Schneider Electric offers a phased HMI approach.

Controllers, I/O elements, control strategies and other core system elements remain. Schneider Electric simply replaces workstations and their human/machine interfaces. This low-impact, low-investment migration step — which can be performed as a hot switchover without process downtime — provides legacy systems with new “front ends.” Our approach allows you to redeploy your existing graphics or take advantage of the latest ergonomics standards. These standards adapt your operators’ familiar graphics using less cluttered designs and refined colors to improve attention, comprehension and quick interaction with system activities.

I/O plug-in solutions

Foxboro DCS plug-in migration is the first and still the only solution of its kind: an elegantly effective approach that protects legacy wiring and terminations. Utilizing form-fit replacements for your aging I/O modules from Fisher, Honeywell, Moore, Bailey and more, we reuse your existing terminations, cabinets, power supplies and

I/O racks — saving immense time, effort and cost, not to mention reducing your risk. Simply adding new controllers and workstations gives you a 100% new, fully warranted and future-proof EcoStruxure Foxboro DCS.

There’s absolutely no extra wiring, cables, interconnect boards or alterations to remaining hardware. Changeover can be accomplished in hours, not days or weeks — and it’s even reversible.

Total DCS replacement

If you’re ready for a comprehensive DCS makeover, including new wiring and terminations, Schneider Electric has you covered. Unparalleled migration solutions provide intelligent I/O and communications for integrated control, while allowing for cost reduction and flexible configuration. You can achieve truly advanced functionality more quickly and cost-effectively by using virtualization and cloud computing to configure, test and debug your system before you must commit to workstation or device types.

The next-generation EcoStruxure Foxboro DCS provides premier process control, while offering a clear path to total business/process integration via our unique, powerful enterprise control capabilities.

“The migration approach showed that an alternative to the existing vendor’s upgrade solution was a viable option.”

Hugh Ferguson, DCS upgrade project manager,
SSE Keadby Power Station, Scunthorpe, U.K.



We can meet the challenge

Changing your DCS can be a daunting task, where flexibility is the key. The Schneider Electric migration approach allows utilization of your knowledge and existing resources to best determine the solution that fits your procedures, your processes and your facility — not the other way around. Our approach helps you avoid the negatives associated with migration by combining technology with our services and experience.

Project execution with global expertise

No matter which migration path you select, our collaborative approach includes services such as site audit, project management, front-end engineering and design (FEED), database and graphics migration, installation, testing, commissioning and operator training.

Reduced project risk

Careful selection of the people who will plan, design and implement your automation is key. Schneider Electric has the resources and expertise to accept and control risk, taking on your most complex projects. At every step, seasoned Schneider Electric specialists experienced in engineering projects apply proven methodologies to cut downtime, rework and delays.

Management/engineering efficiencies

Schneider Electric has expertise, methods and tools form a dynamic environment, which links all aspects of the project to support global execution. This aids efficiency and cost control by resisting “drift” in project size and goals, with scope management implementation that provides tested change tracking and structured risk management. You benefit in faster commissioning and reduced customization costs.

Engineering and design excellence

Schneider Electric has more than 100 years of engineering, design and project management experience in process industries. Our expertise in processes and applying automation allows end users to get maximum value. A stellar track record of success with automation projects of tremendous complexity and scope proves that we can excel at challenging assignments.

Plan intelligently

We devote significant resources to closely align the activities of all partners with your overall goals. Our project management methods keep you on track, ensuring compliant and consistent execution across geographies, cultures and stakeholders. Our models lay out the structure and management of the entire project and provide engineering teams with the infrastructure they need to react to changes, to communicate seamlessly and to transfer technology.



Meet your future-proof system

Our next-generation process automation system, EcoStruxure Foxboro DCS, delivers critical functionality that helps process manufacturers secure their futures in three important ways: protecting the operational integrity of their plants, enhancing the operational insight of their people and enabling them to adapt easily and affordably to change.

The new system has a unique architecture that eliminates any single point of failure; provides unmatched cyber security; enables advanced management for abnormal situations; and is unified with the industry-leading Triconex® safety system.

On top of that, you get advanced situational awareness graphics, intuitive engineering tools, a maintenance response center, real-time enterprise integration and tight unification with the industry's broadest portfolio of industrial software applications. And because Foxboro DCS uses the proven Foxboro future-proof architecture, it will evolve around your needs.

So whether you decide to replace your entire legacy system, retain your existing wiring and terminations or phase in gradually, starting with the HMI, Schneider Electric can help you meet — and even exceed — performance targets with minimal business disruption and greatest long-term returns.



se.com

Life Is On



Schneider Electric SE
35 Rue Joseph Monier
92500 Rueil Malmaison – France

©2023 Schneider Electric. All Rights Reserved.
Schneider Electric | Life Is On is a trademark and the property of Schneider Electric SE, its subsidiaries, and affiliated companies. • 998-22459001