

One-for-One Migration vs From-Scratch Systems

In a **one-for-one migration**, you take everything in the legacy system—every wire, loop, snippet of code, and piece of logic, and recreate it exactly in the new system.

A **from-scratch system** is designed from the ground up to optimize the hardware, software, and manufacturing processes.

When completing a DCS migration, there are many issues to consider when deciding between a one-for-one or a from-scratch design. The table below can help guide you, but there is no substitute for working with an expert who can learn about your system’s intricacies and guide you to the optimal solution for your particular situation.

Comparison Guide

	One-to-One System	From Scratch
Speed of Installation	Best	Varies
Uptime	Lower	Higher
Troubleshooting	Time-consuming	Easier
Future Improvements	Potentially difficult	Easier
Cost of Ownership	---	Best
Operator Training	Minimal	More extensive
Optimized System	---	Best
Modernized System	Unlikely	Yes

With Hargrove, you get the right experience from the right people in system integration working alongside you to meet and exceed your expectations. Let’s put our controls expertise to work for you. Contact us today!