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**Abstract**

With DELMIA Automation, the user can debug a PLC program weeks or months before it is installed by connecting the virtual model to an actual PLC. Previously, production control systems could not be tested and optimized until they were actually installed. With this improvement, virtual tests in advance can replace physical tests, which significantly reduces product development time along with any potential corrections at physical facilities.

This session will demonstrate the capabilities of DELMIA Automation and demonstrate how PLC programming errors can be quickly detected and corrected, resulting in a validated program of much higher quality.