



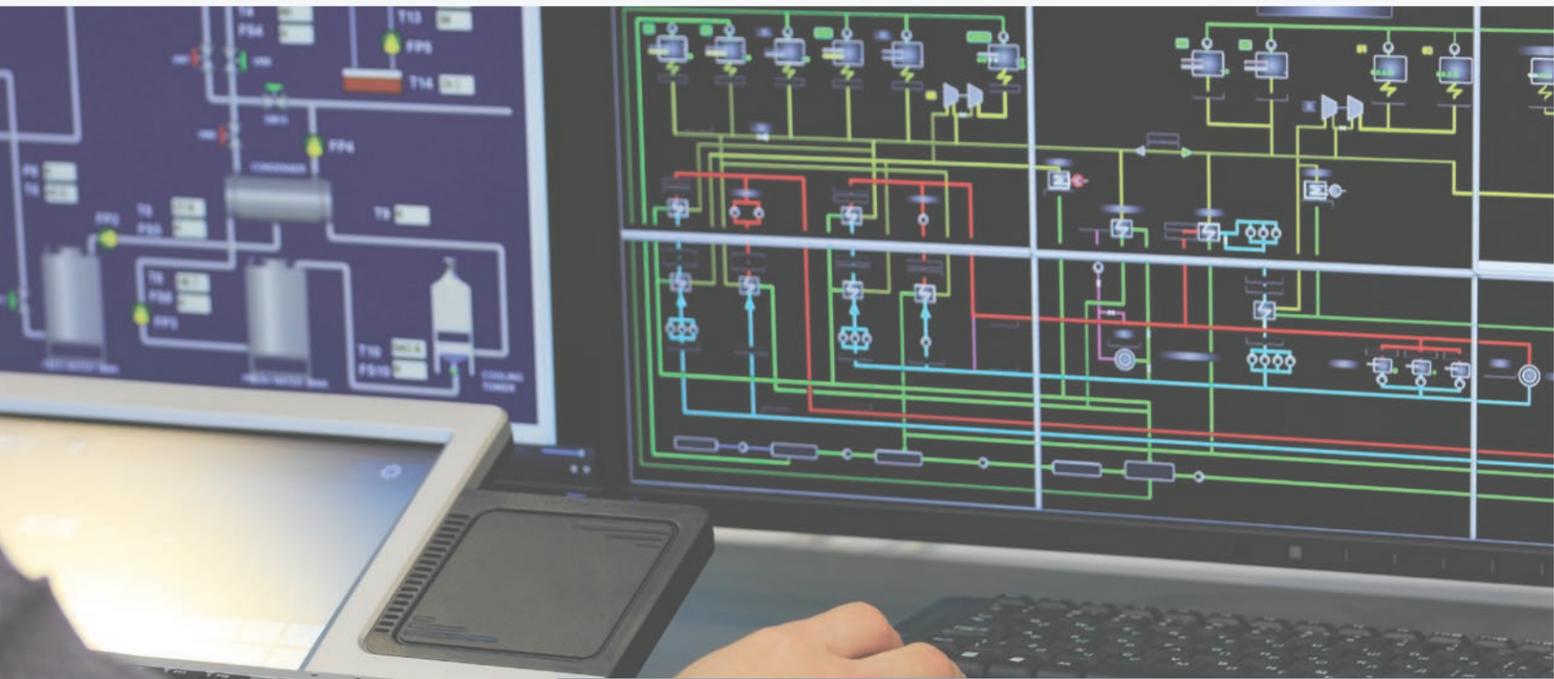
JMP Solutions

Industrial Technology Partner to the Fortune 1000



DCS Modernization and Migration

Process Optimization Through Legacy System Infrastructure Upgrade

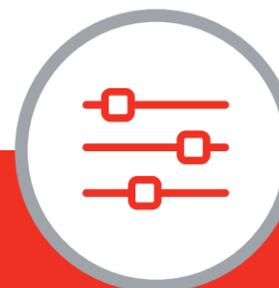


Legacy Distributed Control System Upgrade

Many process plants have an antiquated DCS in place. As these systems approach their end of useful life, system upgrade and migration is required in order to maintain process performance while lowering overall operating costs, reducing downtime and preserving plant safety.

Modern manufacturing operations rely on data and operational information in all facets. Optimization of process efficiency relies on the ability to collect, analyze and react to this data quickly while retaining agility in order to adapt and change quickly and at minimal cost when necessary. A modern DCS system is a key component towards capturing these efficiencies developing synergy between every element of your process infrastructure while reliably collecting and safely storing your critical process data.

Our dedicated process automation division is highly experienced in, and familiar with a wide scope of all major manufacturers of DCS. By understanding your process from the inside out, our engineers are able to get the most out of your DCS, maximizing process optimization.



PROCESS OPTIMIZATION

Legacy DCS systems typically don't have the processing power to keep up with modern processes. Efficiency is significantly compromised as these systems lack the required attributes to be able to take advantage of the advanced capabilities of today's modern process sensor and smart device technologies.



MES, ERP AND IT COMPATIBILITY

With the vast amount of information available across the manufacturing IT/OT networks, modern communication protocols are necessary handle data volume at acceptable speeds. Older DCS systems represent a significant bottleneck in the efficiency of data dependent IT and OT assets such as MES and ERP systems.



TOTAL COST OF OWNERSHIP

As technology systems age, not only do they introduce inefficiencies between components and declining OEE but also significantly increased cost. Maintenance requirements, availability of spare parts and most notably, unplanned downtime are all concerns associated with aging control architecture.

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