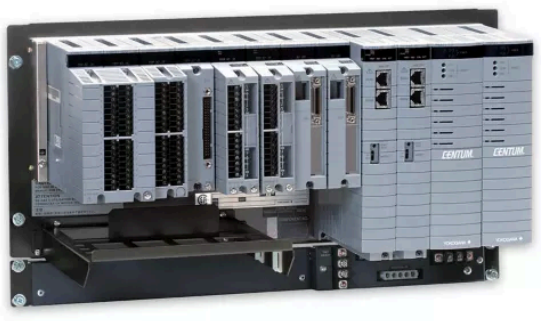
CCC Inside® For Yokogawa CENTUM VP

Proven CCC's control applications, HMI libraries and engineering tools are executed within the CENTUM VP controller, providing a powerful solution for compressors in facilities that value flattened architecture.

Overview



Feedback

Overview

With CCC Inside™ for Yokogawa CENTUM VP, one can harness the power of CCC control applications directly from a Yokogawa Field Control Station (FCS). Access to world-class applications and algorithms trusted in 10,000 installations globally is provided, along with expert assistance from CCC's global support network. Additionally, controls can be managed using CCC's intuitive user experience, while maintaining a flat operational architecture.

What Is It?

CCC Inside™ for Yokogawa CENTUM VP introduces CCC's industry-leading control applications into the Yokogawa FCS. Productivity is pushed forward with field-tested and operator-trusted applications such as Antisurge, Performance, Loadsharing, and more. Developed and supported by CCC, the CCC Inside™ solution ensures consistency in setup with applications already running on CCC Pro Built™ platforms, and consistency of the engineering methodology with all other CCC projects, thanks to the powerful, field-proven set of CCC Engineering Utilities provided with it. HMI libraries have been rebuilt for Yokogawa's HIS displays, ensuring a window into the performance of turbomachinery controls.

What Problems Does It Solve?

- INCREASING PROCESS STABILITY AND COMPRESSOR EFFICIENCY THROUGH RELIABLE AND FIELD-PROVEN ALGORITHMS

- Overcome limitations and consequences of simplistic controls, such as unstable process control, unnecessary spurious trips and even switching to the Manual mode

- Increased compressor efficiency with the ability to safely operate close to the Surge Line

- Smooth and stable process control under challenging process conditions with features such as Loop Decoupling, Loadsharing and more

- Keep compressor online and avoid triggering the Safety System thresholds with advanced Limiting Control loops.

- ACCESS TO THE BEST COMPRESSOR EXPERTS AND ENGINEERING METHODOLOGY

- Quick and efficient support, delivered locally by CCC and Yokogawa

- Compressor Optimization: studies, consultancy and advisory, both online and on-site

- Integrated Factory Acceptance Test, with Process Control and Compressor Control systems tested together

- FLATTENING AUTOMATION ARCHITECTURE AND REDUCING NUMBER OF AUTOMATION PLATFORMS AT SITE

- Easier obsolesces and spare parts management

- Easier training of personnel

- Easier integration with Advanced Process Control and other supervisory systems

- INCREASING OPERATOR CONFIDENCE IN USAGE AND MAINTENANCE OF TURBOMACHINERY CONTROLS

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