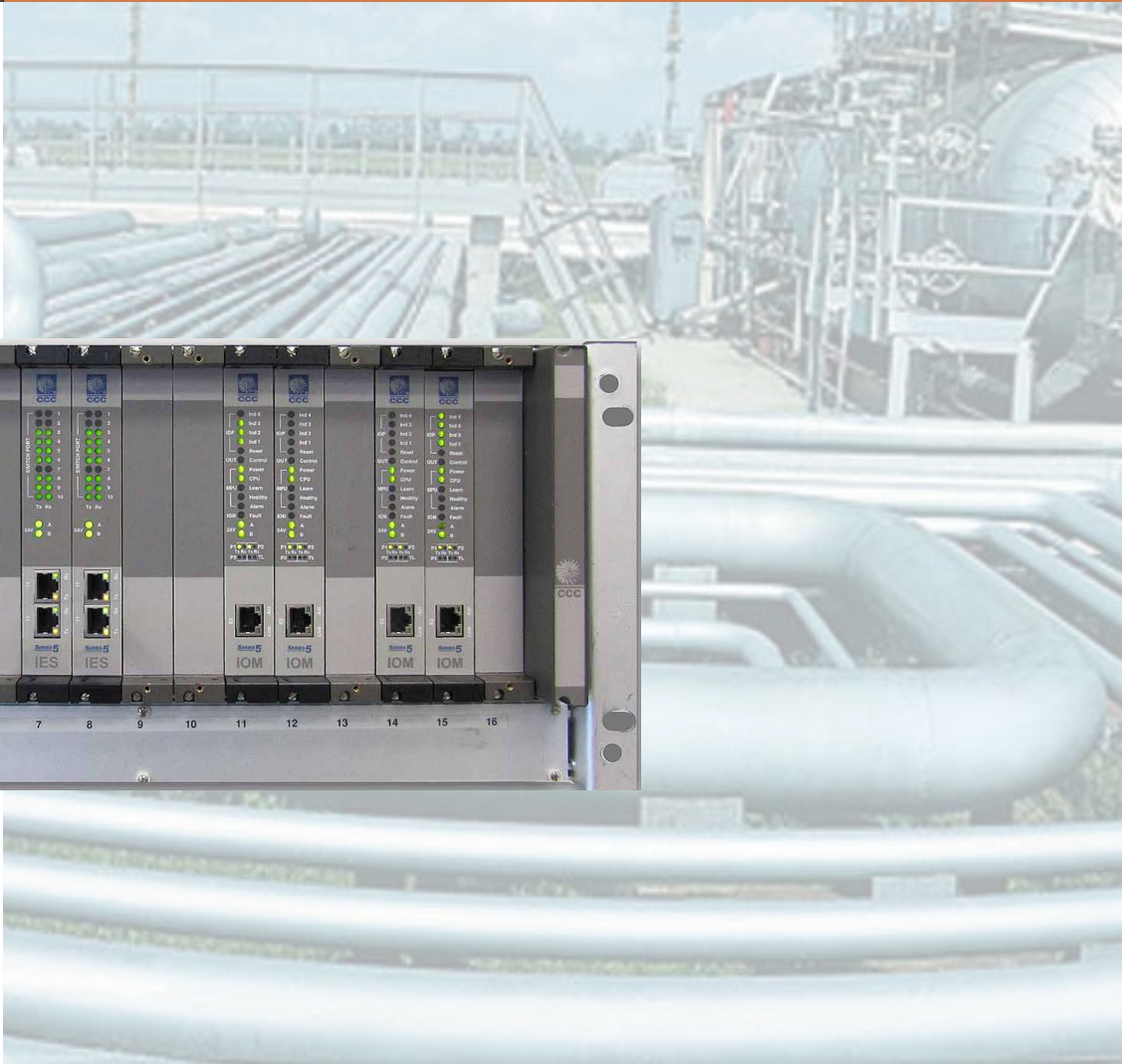


EXPERTISE BEYOND CONTROLS

# Series 5M

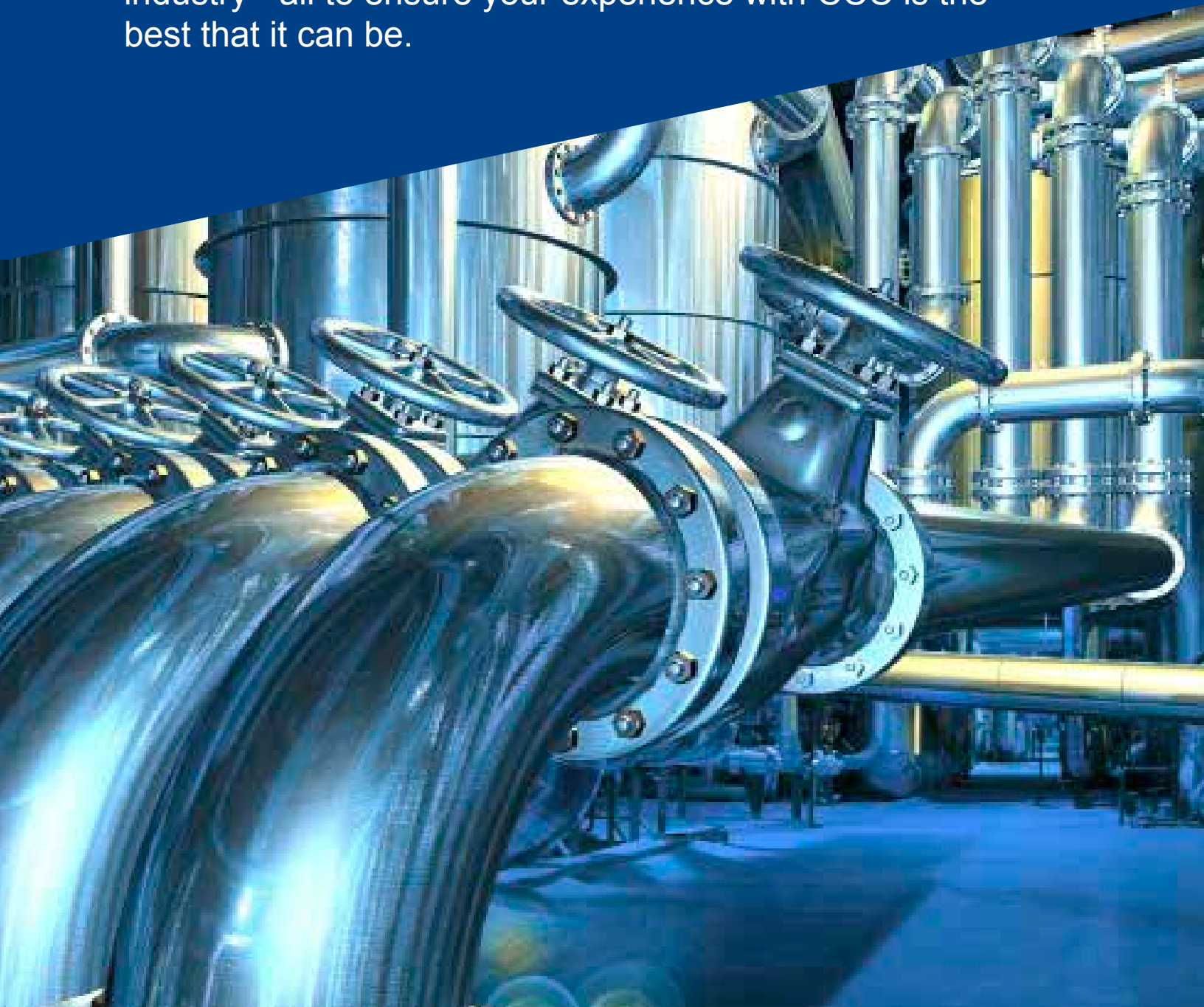
Series 4 to Series 5 Migration

Controllers



# Commitment Beyond Compare

CCC is dedicated to providing the most powerful, efficient, and reliable turbomachinery controls available - and the expert service to back them up. We're passionate about our control solutions and dedicated to providing you with the highest level of knowledge and service available in the industry - all to ensure your experience with CCC is the best that it can be.



# SERIES 5M - The Series 4 Migration Solution

CCC offers the Series 5M Controller as a migration solution for upgrading Series 4 legacy systems to Series 5 technology. The Series 5M replaces only the electronic control modules. The existing chassis, field wiring, and field termination assemblies remain unchanged.

The migration can be completed in less than a week, thus reducing process downtime and maximizing profits. Communication with Series 4 controllers has been maintained allowing for an upgrade of multi-chassis systems to be completed in stages.

The Series 5M control solution has been designed to prolong the Series 4 system life cycle by upgrading to a new technology while providing cost savings, risk reduction, and ease-of-use on even the most demanding of processes.

## Ease of Use

- ASM compliant HMI for safe plant operation and ease of navigation (equal to that used in Series 5)
- Advanced diagnostics for simple maintenance
- Sequence of Events (SoE) for root cause analysis
- Fast and reliable ethernet communications

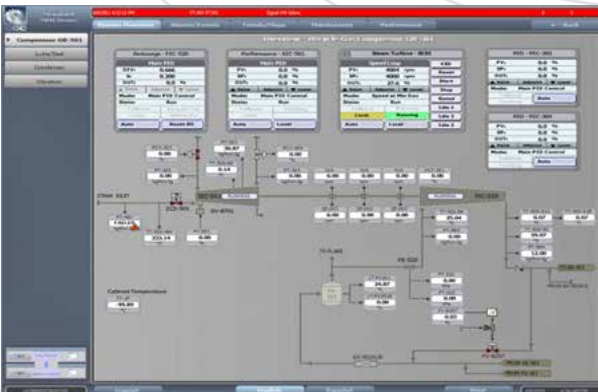


## Risk Reduction

- Proven Series 5 control applications
- Automatic engineering project conversion
- Retain existing panel, wiring, and DCS communications
- “Reverse” option for returning the original cards to chassis if upgrade could not be done in a given time

## Cost Savings

- Reduced process downtime - upgrade in less than a week
- Unit-by-unit upgrade to support load sharing with Series 4 units
- Minimum personal training required



## Smart Beyond Compare

Start-up Commissioning Services / Aftermarket Services / Regional Training

Our experts globally located to support your solutions

Global Experience / Global Support



Australia / Brazil / China / India / Italy / Kazakhstan / Netherlands / Russia  
Saudi Arabia / Singapore / U.A.E. / United Kingdom / United States

Contact your local sales representative. Please visit our website:

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