Professional Protection of Your Rotating Machinery Assets - Just in CASE

CASE M&I

Engineered Solutions

Field Service

Training

Consulting

Spare Parts

Installation & Commissioning

WOODWARD 5200 CPU Upgrade

Technical Summary

Case M&I upgrades your system with the new 5200 CPU's from the existing MicroNet CPU modules. The upgrade includes converting and compiling the GAP application program with Coder 5.0 or higher. For Expansion Chassis applications, the upgrade would also include replacing Transceiver modules with RTN (Real Time Network) modules, replacing Transceiver cables with Ethernet cables and, if applicable, adding Ethernet switches.

The New CPU5200 Module

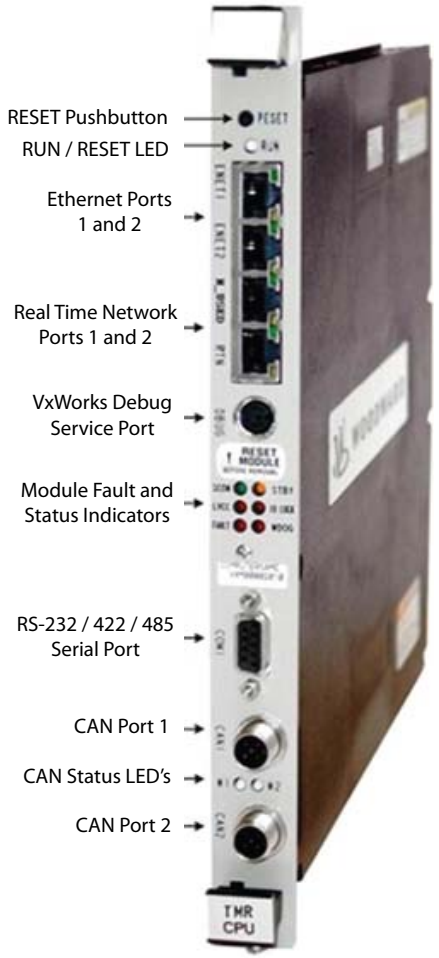
The new CPU module utilizes a Motorola 5200 microprocessor with a clock speed of 400 MHz, 128 MB DRAM memory, 64 MB Flash memory, and at least 3 times the computing power of the old 68040 processor. In addition there are 2 Ethernet Ports, 2 RTN Ports, 2 CAN Ports and 1 Serial Port.

System Configurations

- Simplex
- Redundant
- TMR

Product Key Features

- Same Chassis and I/O modules
- Same GAP and Coder Environment
- New CPU module with at least 3x horsepower
- Ethernet, CAN and Serial Communications
- RTN Communications to Expansion Chassis up to 2Km away



WOODWARD Business Partner

WHO WE ARE

CASE M&I is an engineering and service company that provides control systems for rotating machinery. We focus on power generation and petrochemical industries. We are committed to our customer relationships and the implementation of quality solutions.

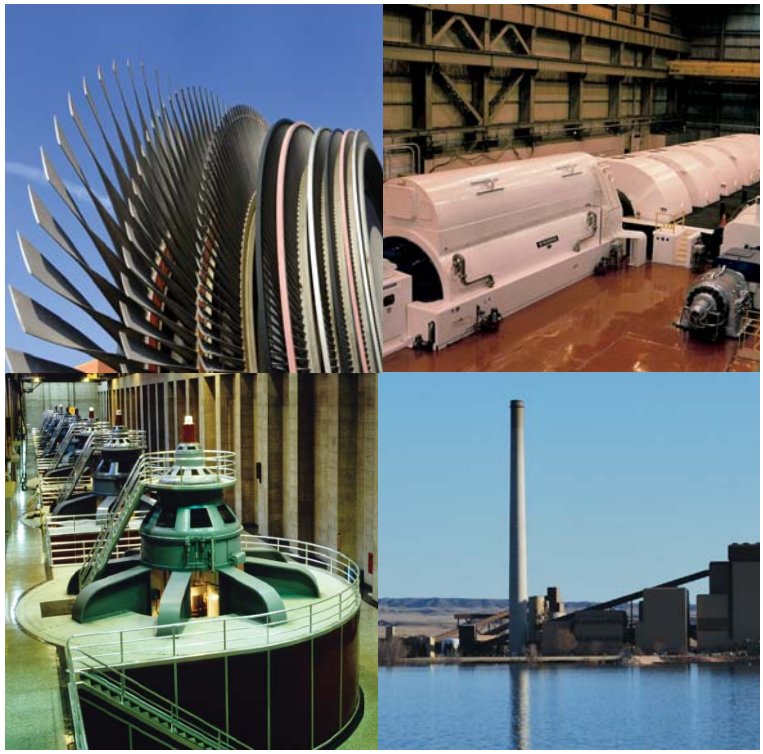
CASE M&I employees have over 350 years of industry experience. Our field service background keeps us focused in this niche market. Our customers can expect attention to detail, follow through, and prompt service. Commitment to support is key, and Case M&I is available 24 hours a day, 7 days a week.

CASE M&I is centrally located within the heart of turbine controls country, with our headquarters in Loveland, Colorado.

WHAT WE PROVIDE

CASE M&I offers the following products and services:

- Utility Steam Turbine Controls
- Industrial Steam Turbine Controls
- Hydro Turbine Controls
- Combustion Turbine Controls
- Compressor Controls
- Turbine Safety Systems
- Installation & Commissioning
- Field Services
- Spare Parts
- Training



Thank you for considering CASE M&I for your plant and rotating equipment service needs. Let us show you what we can do to enhance your operation.

Contact CASE M&I, LLC

5857 Wright Drive
Loveland, Colorado 80538

Phone: 970-776-8657
Fax: 970-776-8658

www.case-mi.com

Tim Richardson
Operations and Engineering Manager
970-443-1495
trichardson@case-mi.com

Denny Younie
Sales and Marketing Manager
970-443-4098
dyounie@case-mi.com

CASE M&I