

March 9, 2016

**SUBJECT:** 505DE Product Support Statement

Woodward introduced its 505DE product line in 2004. Since that time Woodward has continued to invest in this product line in the form of new improved hardware and new improved algorithms and functionality. Because of continued market demand for product line improvements and for the capability to customize this product line, Woodward is currently making the following three changes to meet customer demands:

1. For single valve and single extraction steam turbine applications, Woodward is replacing its limited 505DE models with a combination of Woodward's newer and customizable "Standard MicroNet Turbine Control Kits and Woodward's "Global Steam Turbine Control Core" software module.

**Standard MicroNet Turbine Control Kits**

- Standard MicroNet Turbine Kit, 8-Slot, 2 AC/DC Power Supplies \_\_\_\_\_ 8262-1093
- Standard MicroNet Turbine Kit, 8-Slot, 2 HVAC Power Supplies \_\_\_\_\_ 8262-1094
- Standard MicroNet Turbine Kit, 8-Slot, 2 LVDC Power Supplies \_\_\_\_\_ 8262-1095
- Global Steam Turbine Control Core Software License, GAP \_\_\_\_\_ 5418-3915
  - For single valve & single extraction turbines only
  - Includes single application license for GAP software program
- IFIX HMI program with Software License \_\_\_\_\_ 1796-3108

Note that NRE is required to complete the hardware definition (including HMR and Toolkit) for a specific system. Optionally, the system can be pre-configured according to 505 DE worksheets.

**Included within Standard MicroNet Turbine Control Kits**

- ♦ Chassis – MicroNet-Plus, 8-Slot (QTY = 1) \_\_\_\_\_ 5453-829
- ♦ Module – Power Supply (QTY = 2) \_\_\_\_\_ Kit Dependent
- ♦ Module – CPU5200 processor (QTY = 2) \_\_\_\_\_ 5466-1245
- ♦ Module – Analog Combo, (4) MPU's, (8) 4-20mA Ins, (4) 4-20mA Outs, (2) Act (QTY = 2) \_\_\_\_\_ 5466-316
- ♦ Module – Discrete Combo, (48) Inputs, (24) Outputs (QTY = 2) \_\_\_\_\_ 5466-1158
- ♦ FTM – Analog Combo (QTY = 2) \_\_\_\_\_ 5501-371
- ♦ FTM – Discrete Combo, (24) Inputs, (12) Outputs (QTY = 4) \_\_\_\_\_ 5441-694
- ♦ Cable – Analog, 10ft (QTY = 4) \_\_\_\_\_ 5417-028
- ♦ Cable – Discrete, 10ft (QTY = 4) \_\_\_\_\_ 5417-173

**Notes:**

- a. System I/O can be expanded with the use of Woodward's RTCnet or LinkNet-HT distributed I/O modules.
- b. Cyber security can be enabled with purchase of license 8928-5222

2. For double extraction steam turbine applications, Woodward is replacing its older limited 505DE models with MicroNet systems customized to the specific application's requirements (number of inputs & outputs, redundancy, functionality, plant interface, etc.). Contact

Woodward or one of Woodward's channel partners to obtain a quotation for a custom MicroNet system designed to control double extraction steam turbines.

Woodward Contact Information

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3. As post production support is an important part of Woodward's tier-one service plan and to current 505DE owners/users, Woodward has developed the following product support plan to ensure years of product operation and factory support:

**After March 1, 2014:**

505DE control models support plan:

- Production of all 505DE models stopped
- Migrate all new 505DE orders to one of Woodward's above listed solutions depending on application

505DE hardware support plan:

- Since the 505DE controller utilizes Woodward's MicroNet-Plus platform refer to latest Woodward MicroNet-Plus platform support plan for related hardware support details. Note that Woodward continues to invest in our MicroNet-Plus platform and plans on extending the production life of this platform to more than a decade (10 years) from today's date.

505DE application software or "InduSoft" HMI support plan - future change requests:

- Contact Woodward's channel partner to obtain a quotation for requested software change/update.

Regards,



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