

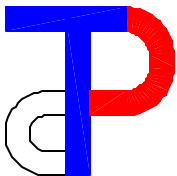
# GATEWAY 16000

CONNECT YOUR EXISTING D/3 DCS<sup>®</sup> I/O  
TO A NEW CONTROL SYSTEM



- REPLACE YOUR D/3 DCS<sup>®</sup> WHILE RETAINING YOUR EXISTING I/O AND FIELD WIRING
- MIGRATE NPS D/3<sup>®</sup> 16000 I/O AND QUANTUM I/O
- SLASH PROJECT COSTS FOR SYSTEMS MIGRATION
- PROCESS DOWN TIME IS HOURS NOT WEEKS
- RACK MOUNTS IN EXISTING PCM CABINET
- RISK FREE MIGRATION: REVERT BACK TO D/3 DCS<sup>®</sup> IF PROBLEMS OCCUR DURING THE TRANSITION
- COMPLETE SUPPORT FOR YOUR EXISTING I/O DIRECTLY FROM PCT
- USES STANDARD PROFIBUS DP<sup>®</sup> INTERFACE AVAILABLE WITH MOST NEW CONTROL SYSTEMS
- REDUNDANT SOLUTIONS AVAILABLE (as shown above)

Note: D/3 DCS<sup>®</sup> is a trademark of Nova Tech Process Solutions, LLC (NPS). PCT is not affiliated with NPS in any manner. Any D/3<sup>®</sup> parts repaired, refurbished, upgraded, or manufactured by PCT are warranted solely by PCT. Part numbers beginning with PCT are manufactured by PCT. All other parts are refurbished equipment.



**PROCESS COMPUTER TECHNOLOGY, INC.**

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## **PCT GATEWAY 16000: THE D/3 DCS<sup>®</sup> ALTERNATIVE**

The D/3 DCS<sup>®</sup> 16000 I/O has been a flexible and reliable I/O system for many years. PCT has developed the GATEWAY 16000 as a solution for the migration of 16000 Series I/O and Modicon Quantum I/O to other Control Systems. The Gateway replaces the proprietary D/3<sup>®</sup> PCM interface with a standard Profibus DP high-speed (12Mbps) bus to communicate to the new Control System.

The Gateway 16000 is rack mounted in the existing PCM/MUX Cabinet(s). The existing cables the D/3<sup>®</sup> PCM uses to communicate to the I/O are simply moved to the Gateway 16000. The Gateway is then connected to the new control system with a standard Profibus cable. If the new control system is preconfigured you are ready for startup.

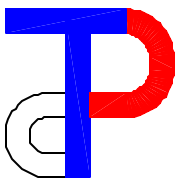
The Gateway interfaces with any Control System that supports the Profibus DP standard. Configuration is accomplished with the new Control System's standard configuration tools. The 16000 Series I/O and Modicon Quantum I/O are configured as multislaves. Redundant solutions are available for whatever level of redundancy you require.

Process Computer Technology, Inc. (PCT) was founded in 1992, specializing in hardware services and support for the Nova Tech Process Solutions, LLC D/3<sup>®</sup> Distributed Control System. PCT not only repairs 16000 I/O but we also manufacture new compatible I/O. Please see our web site for pricing for I/O repairs, new I/O and solutions to D/3<sup>®</sup> I/O maintenance problems.

The bottom line is the PCT Gateway 16000 will save your Control System Project a substantial amount of money. The Gateway is an engineered solution for users of the NPS D/3 DCS<sup>®</sup> to migrate to a new Control System without the expense of replacing the existing I/O and field wiring. This saves your control system project both the material costs of new I/O and cables, and labor costs of installing and testing the I/O and cables.

The cost savings are even greater when the reduced downtime and lost production is added in. In addition you can sleep easy knowing that you can revert back to the D/3 DCS<sup>®</sup> by simply moving the cables back to the PCM if any problems emerge during the startup of your new system. When you resolve the problems move the cables back to the gateway putting the new system back online.

D/3 DCS<sup>®</sup> is a trademark of Nova Tech Process Solutions, LLC; PCT is not affiliated with NPS in any manner. The GATEWAY 16000 is manufactured by PCT and is warranted solely by PCT. For more information call PCT or visit our web site at <http://www.pct-inc.com>



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