

# PlantPax Distributed Control System

## Hardware Certifications and Specifications



The PlantPax™ Distributed Control System is the modern DCS platform from Rockwell Automation, a better approach to modern process control. The PlantPax distributed control system gives you everything you want in a world-class, contemporary DCS plus integrated, plant-wide control technologies and unmatched scalability. With a global network of service and support experts, you can count on Rockwell Automation to implement a proven greenfield, brownfield or migration strategy to help reduce installation, engineering and training, and help improve profitability.

### PlantPax Hardware Certifications

PlantPax System hardware has achieved many levels of certifications including:

- Compliance with European Union Directives
- Compliance with Australian Acts
- Certification for Marine and Off-shore Applications
- UL, CSA Certification
- Functional Safety Certifications

For more information on specific certifications for the listed hardware please see the [Product Certifications Page](#).

### PlantPax Hardware Specifications

The following table provides references to the technical data for PlantPax Hardware by catalog number.

Hardware Type	Catalog Numbers	Technical Data
Controllers	ControlLogix 1756-L71, 1756-L72, 1756-L73, 1756-L74, 1756-L75	<a href="#">1756-TD001</a>
	CompactLogix 1769-L19ER-BB1B, 1769-L24ER-QBFC1B, 1769-L33ER, 1769-L36ERM	<a href="#">1769-TD005</a>
Controller Chassis	1756-A4, 1756-A7, 1756-A10, 1756-A13, 1756-A17	<a href="#">1756-TD006</a>
Controller Power Supplies	1756-PA72, 1756-PA75, 1756-PA75R, 1756-PB72, 1756-PB75, 1756-PB75R, 1756-PH75	<a href="#">1756-TD005</a>
Redundancy Modules	1756-RM2	<a href="#">1756-TD001</a>
Chassis-based Digital Input Modules	1756-IA16, 1756-IA16I, 1756-IA32, 1756-IA8D, 1756-IB16D, 1756-IB16I, 1756-IB16IF, 1756-IB16IOSE, 1756-IB32, 1756-IC16, 1756-IG16, 1756-IH16I, 1756-IH16ISOE, 1756-IM16I, 1756-IN16, 1756-IV16, 1756-IV32	<a href="#">1756-TD002</a>
Chassis-based Analog Input Modules	1756-IF16IH, 1756-IF16, 1756-IF16H, 1756-IF4FXOF2F, 1756-IF6I, 1756-IF8, 1756-IF8I, 1756-IF8IH, 1756-IR12, 1756-IR6I, 1756-IRT8I, 1756-IT16, 1756-IT6I, 1756-IT6I2	<a href="#">1756-TD002</a>
Chassis-based Digital Output Modules	1756-OA16, 1756-OA16I, 1756-OA8D, 1756-OA8E, 1756-OB16D, 1756-OB16E, 1756-OB16I, 1756-OB16IEF, 1756-OB16IEFS, 1756-OB16IS, 1756-OB32, 1756-OB8, 1756-OB8EI, 1756-OB8I, 1756-OC8, 1756-OG16, 1756-OH8I, 1756-ON8, 1756-OV16E, 1756-OV32E, 1756-OX8I, 1756-OW16I	<a href="#">1756-TD002</a>
Chassis-based Analog Output Modules	1756-IF4FXOF2F, 1756-OF4, 1756-OF6CI, 1756-OF6VI, 1756-OF8, 1756-OF8H, 1756-OF8I, 1756-OF8IH	<a href="#">1756-TD002</a>
In-Cabinet Distributed Digital Input Modules	1794-IA8, 1794-IA8I, 1794-IA16, 1794-IB10XOB6, 1794-IB16, 1794-IB16D, 1794-IB16XOB16P, 1794-IB32, 1794-IB8, 1794-IV16	<a href="#">1794-TD015</a>
In-Cabinet Distributed Analog Input Modules	1794-IE12, 1794-IE4XOE2, 1794-IE8, 1794-IE8H, 1794-IE8XOE4, 1794-IF2XOF2I, 1794-IF4I, 1794-IF8IH 1794-IR8, 1794-IRT8, 1794-IT8	<a href="#">1794-TD016</a>
In-Cabinet Distributed Digital Output Modules	1794-IB10XOB6, 1794-IB16XOB16P, 1794-OB16, 1794-OB16D, 1794-OB16P, 1794-OB32P, 1794-OB8, 1794-OB8EP, 1794-OA8, 1794-OA8I, 1794-OA16, 1794-OV16, 1794-OV16P, 1794-OW8	<a href="#">1794-TD015</a>
In-Cabinet Distributed Analog Output Modules	1794-OE12, 1794-OE4, 1794-OF4I, 1794-OE8IH, 1794-OF8IH	<a href="#">1794-TD016</a>
Ethernet Interface Cards	1756-EN2T, 1756-EN2TSC, 1756-EN2TR, 1756-EN2TP, 1756-EN3TR, 1794-AENT, 1794-AENTR	<a href="#">1756-TD003</a> <a href="#">1794-TD014</a>
ControlNet Interface Cards	1756-CN2, 1756-CN2R, 1756-CNB, 1756-CNBR, 1794-ACN, 1794-ACN15, 1794-ACNR, 1794-ACNR15	<a href="#">1756-TD003</a> <a href="#">1794-TD014</a>
Redundant I/O *	1715-AENTR, 1715-IB16D, 1715-OB8DE, 1715-IF16, 1715-OF8I, 1715-A3IO	<a href="#">1715-TD001</a>
In-Cabinet Intrinsically Safe I/O	1719-AENTR, 1719-CF4H, 1719-IF4HB, 1719-IR4B, 1719-IT4B, 1719-IBN8B, 1719-OB2, 1719-OB2L, 1719-IJ, 1719-A8, 1719-A22, , 1719-A24, 1719-PSDC, 1719-CBL	<a href="#">1719-TD001</a>

\*For additional I/O platforms, reference the PlantPax Selection Guide: [PROCES-SG001 -EN-P](#)

Note: (1) If environmental conditions warrant, extreme temperature FLEX I/O modules can be used. (2) If environmental conditions warrant, extreme temperature ControlLogix modules can be used. (3) Networked motor control center devices can be used in place of standard I/O modules (digital and analog outputs). (4) Above referenced I/O conformed coated products are considered part of the PlantPax distributed control system.



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