



# Predator MDC Adapter™

Monitor Any Type of Powered Machine



**predator**  
SOFTWARE INC.

## GEARED FOR MANUFACTURING™

Ruggedized Predator MDC Adapters can be added to any CNC, manual machine, or robot, to provide automatic machine monitoring and data collection. Support multiple digital inputs and outputs.

### What is the Predator MDC Adapter?

Predator MDC Adapters provide automatic input to the Predator MDC system from CNC machines and factory equipment. Input to the MDC Adapter comes from digital signals. These are then sent to Predator MDC via RS-232 as ASCII text strings. Traditionally this could also be done via a high-end PLC but often a high-end PLC is overkill for this type of data collection. The Predator MDC Adapter is invisible to CNC machines and factory equipment. Invisible operation allows CNCs to continue to download, upload and drip-feed while using a shared Predator DNC serial port and cable for data collection.

### MDC Adapters Specifications

*Predator MDC Adapters offer the following inputs:*

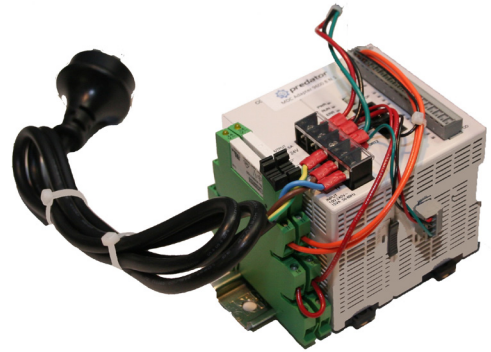
- 8 DC inputs, 24VDC sink/source, 2 common

*Predator MDC Adapters offer the following discrete outputs:*

- 6 DC outputs, 24VDC sourcing, 0.1A/point, 2 common
- ASCII output via RS-232

*Other Specifications:*

- Low cost of ownership
- Digital Signal monitoring for CNC machines or other Factory equipment
- Upgradeable firmware developed by Predator Software Inc.
- Rugged Industrial Design with easy mounting DIN rail.



### MDC Adapters Power Types:

A wide range of Electrical signals are supported and translated through the Predator DNC system to the MDC database.

- Predator MDC Adapter - 5 Volt Input Relays, available with US, EU, UK, AU 110VAC/230VAC power cord
- Predator MDC Adapter - 12 Volt Input Relays, available with US, EU, UK, AU 110VAC/230VAC power cord
- Predator MDC Adapter - 24 Volt Input Relays, available with US, EU, UK, AU 110VAC/230VAC power cord
- Predator MDC Adapter - 110 Volt Input Relays, available with US, EU, UK, AU 110VAC/230VAC power cord
- Predator MDC Adapter - 230 Volt Input Relays, available with US, EU, UK, AU 110VAC/230VAC power cord



**Predator MDC**



**Ethernet  
To  
Serial Hub**



**MDC Adapters**



**Manual Machine**

### System Requirements

- Windows XP, Vista, Windows 7, Windows 8, 2003, 2008 & 2012 Server
- Intel® Pentium 4 based processor or AMD Athlon or newer CPU
- 100 MB hard disk space
- 1GB or more Ram
- 1024x768 Minimum Graphics Resolution
- USB Port & Serial Ports

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