

PREDATOR DNC WIRELESS NETWORK LAYOUT

WIRELESS SERIAL & ETHERNET CNC CONNECTIVITY



With wireless connectivity, all CNC machines—regardless of port type—can communicate with the Predator DNC Server. This simplifies installation, reduces cabling, and provides maximum flexibility on the shop floor.

PREDATOR DNC SERVER



- ✓ File Management
- ✓ Program Transfer
- ✓ Drip Feed
- ✓ CMMC 2.0
- ✓ Security & Backup

NETWORK SWITCH



WIRELESS ACCESS POINT

WEB CLIENT or THMI



Operator

Send/Receive

Log

CNC MACHINE 1
(Legacy RS232)

Wireless Connect (Serial)

RS232 Serial Port

Legacy RS232 CNC
(Machine with Serial Port)

CNC MACHINE 2
(Legacy RS232)

Wireless Connect (Serial)

RS232 Serial Port

Legacy RS232 CNC
(Machine with Serial Port)

CNC MACHINE 3
(Legacy RS232)

Wireless Connect (Serial)

RS232 Serial Port

Legacy RS232 CNC
(Machine with Serial Port)

CNC MACHINE 4
(Ethernet)

Wireless Connect (Ethernet)

Ethernet Port

Ethernet CNC
(Machine with Ethernet Port)

CNC MACHINE 5
(Ethernet)

Wireless Connect (Ethernet)

Ethernet Port

Ethernet CNC
(Machine with Ethernet Port)

CNC MACHINE 6
(Ethernet)

Wireless Connect (Ethernet)

Ethernet Port

Ethernet CNC
(Machine with Ethernet Port)

LEGEND

- Ethernet / Network Cable
- Wireless Connection
- RS232 Serial Cable



Wireless Connect
Serial-to-Ethernet Device

Reliable Communication

Secure Data Transfer

Maximize Uptime

Flexible Installation

619-461-4000
www.ShopFloorAutomations.com