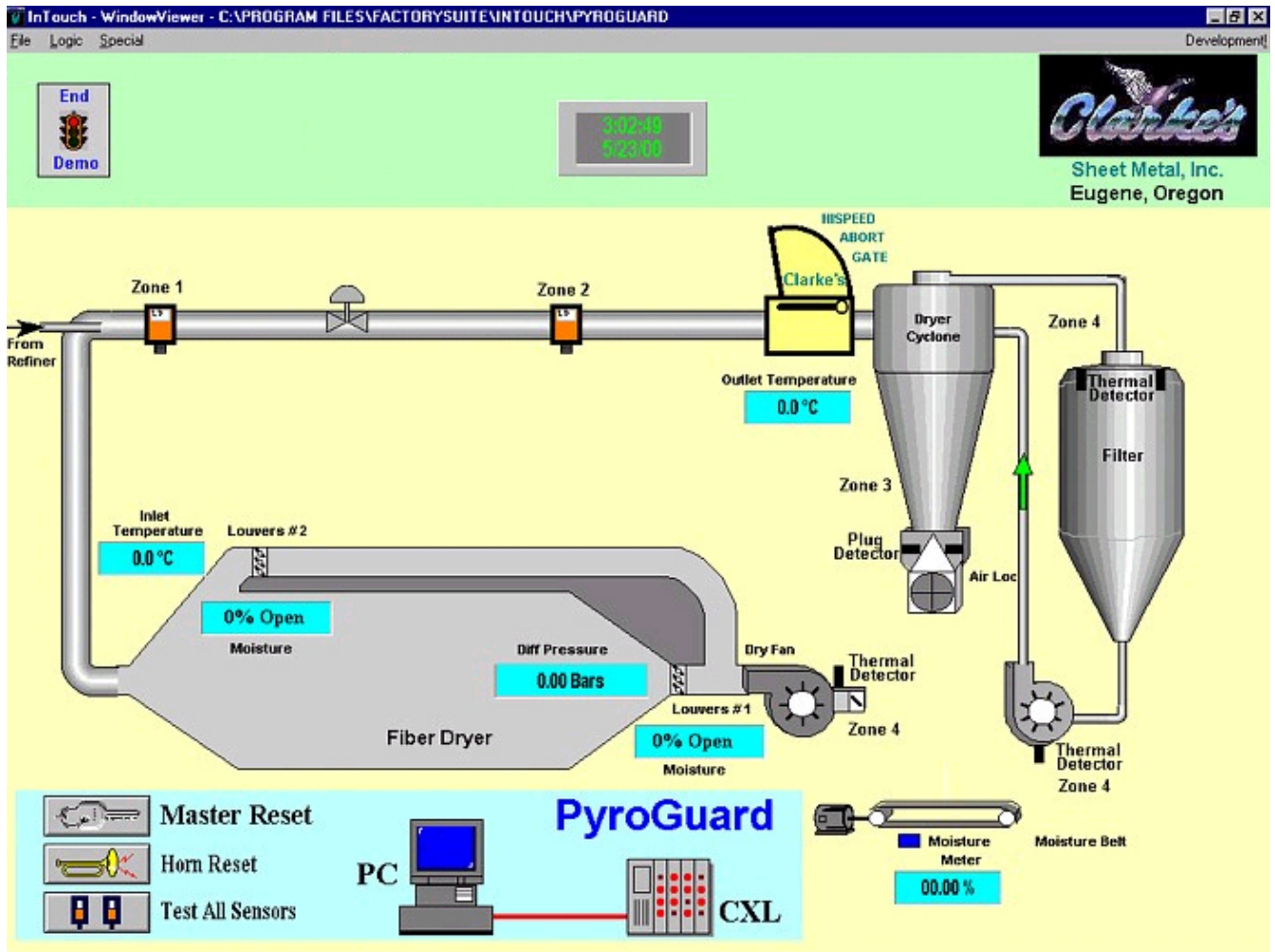


# Clarke's PyroGuard HMI OmniServer Software



OmniServer Software is a Windows application that provides other Windows HMI (Human-Machine Interface) programs (including Wonderware, Intellution, and Rockwell's View) access to the PyroGuard Control Console. The Server Software provides this access using DDE (Dynamic Data Exchange) and OPC (OLE for Process Control) protocols including Fast DDE and Advanced DDE.

The above representation shows a typical dust collection pneumatic system equipped with PyroGuard. The graphical display was created using Wonder Ware HMI software and shows the location of the PyroGuard sensors, extinguishment and abort gate. With OmniServer, operators can monitor the PyroGuard CX/CXL control console operation including alarm and trouble conditions, extinguishment activity, and relay states (for abort gate and deluge activity). Operators can also test the PyroGuard sensors, reset the console, and monitor the PC to consoles communication.

OmniServer Software will run under all Microsoft Windows Operating Systems 95 and newer.

OmniServer uses any of the PC COM ports. An RS-232 to RS-485 converter is provided to connect the PC to the PyroGuard Console and will allow two-way communications up to 3000 feet. This two-way communication allows the HMI software to send commands and receive data to and from the PyroGuard Console.

## OmniServer Software – Features

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- Runs on all Microsoft Windows operating systems 95 and newer.
- Works with WonderWare, Intellution, and Rockwell's View.
- Communicates with HMI via DDE and OPC.
- RS-232 to RS-485 converter provided for two-way communications with console.
- Use twisted pair wire for communication with CX/CXL console up to 3000 feet.
- Reset PyroGuard CX/CXL Console, Horn and Test all Sensors from HMI software
- Monitor all I/O Card functions including alarm, trouble, flow, relay, and disabled status.
- Use your HMI software to draw custom layouts of your plants spark detection system.
- Integrate your PyroGuard layout with existing HMI displays.
- Use HMI software to log alarms and troubles with PyroGuard console.
- OmniServer Manual available in PDF.

**For more information on OmniServer check out MMI at our website.**



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