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ShopFloorManager

30 years Providing Solutions for Manufacturing!
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ShopMDI™ PDF-Version

Manual Data Input Using any Event Program Created with ShopMonitor
Use when Manual Input is Required for Production, Maintenance, Gauge Measurements....
Part of an Integrated Family of ShopFloorManager™ EventAware™ Modules
Supports Windows 8™, Windows 7™ & Windows™ XP including Support for Terminal Server 2003/2005/2008

ShopMDI™ a ShopFloorManager™ Application that is used to Automate the Manual Entry of Critical Data from Programs created with ShopMonitor. This Time Sensitive Critical Data can include data from Production, Maintenance, Probe Measurements, Inspection, System State Data....

This Collected Data is immediately available for use by other ShopFloorManager Applications such as ShopReports, ShopCharts... ShopCharts is a Real-Time Interactive Application where Users can interrogate any of it's Displayed Data by a simply Zoom & Click!

Some examples of this Time Sensitive Critical Data that ShopMDI™ can collect are Production/Cycle Counts, Production/Cycle Times, Production/Idle Times, Production/Cycle Start, Production/Cycle End, Probe Data, Inspection Data, Tool Changes, Feed Rate Override, Machine Hold, etc.

Note: When you can't use Macros, Embedded DPrints in DNC Files or your Machine Tools don't support DPrint you can Use ShopMDI!

ShopMDI™ A Manual Data Inputing Application with Support for ShopMonitor Created Programs

ShopMDI Is used to collect Data using Microsoft Compatible Tablets & or Computers. Create Real-Time Programs such as: Production, Probe, Maintenance, ... using ShopFloorManager's ShopMonitor Module. Using ShopMDI you can collect data from Manual & Automated CNCs during normal Production, Maintenance or with non-Macro based CNCs.

Standard

ShopMDI's™ Basics	**ShopMDI's™ Basics Include:** • Based on EventAware™ Technologies (Real-Time Event Capture, Storage & Display) • Manual Data Collection & Entry of any Existing ShopMonitor Program • User Automatically Guided During Initial Use • Supports User Defined Data Fields for Data Entry & Collection of almost any Type of Data • Collected Data used for Real-Time Event Status Display at Each Runtime Client • Collected Data used for Real-Time Intelligent Charting (ShopCharts) with User Interrogation • Keeps an Ordered List of Data Submissions • Deploy on any Windows Client
Manual Entry of **Production, State...** **Critical Data**	**ShopMDI™ in Conjunction with ShopMonitor Supports:** • Real-Time Access to Events Configured with ShopMonitor • Events Accessed allow Manually Entry of Production Starts & Ends, Probe Data, etc.) • Processing these Machine/Production/Probe Events in Real-Time • Real-Time Storage of this Critical Data in ShopFloorManager's database • Generating Configurable Production, Maintenance, Measurement... Reports • Real-Time Display & Access of Critical Shop Floor Metrics • Much more... **Note:** ShopMDI can Access any "Event Program" created with ShopMonitor and support manual entry of all the "Event Program" Data for use by other ShopFloorManager Programs such as ShopCharts, ShopReports...
Collect, Create **And Display** **Real-Time Events**	**ShopMDI™ in Conjunction with ShopMonitor & ShopCharts Allows you To:** • Collect, Create & Display Real-Time Production/Cycle Counts Events • Collect, Create & Display Real-Time Probe Measurement Events • Collect, Create & Display Real-Time State Data Events (Example: Maintenance) • Collect, Create & Display Real-Time Virtually any Event • Much more... **Note:** These Events can then be Accessed by ShopMDI for inputing the Event Data in the appropriate "Text" Fields for submitting to ShopMonitor's™ Processing Engine.
Create Event **Reports With** **Configurable Filters**	**ShopMDI™ in Conjunction with ShopMonitor & ShopReports so You Can:** • Create & Generate a User Configurable Production Event Reports • Create & Generate a User Configurable Session Activity Reports • Configure Reports for Generating Data by Machine and Data Item Reports • Configure Reports for Generating Data by Data Item and Machine Reports • Configure Reports for Generating Machine Utilization Chart Reports • Configure Reports for Generating & Display Real-Time Utilization 7-Day History Chart (ShopCharts) • Much more...
Save Current Filtered & **Report Template For** **Single Click Reporting**	**ShopMDI™ in Conjunction with ShopMonitor & ShopReports Allows you To:** • Create Individual Event Report Templates • Save Individual Event Report Templates as Shared with Your Report Name • Save Individual Event Report Templates as Private with Your Report Name • Copy, Modify and Save an Existing Template to a New Template • Much more... **Note:** This allows you to choose a Template/Report by simply clicking your saved Template and automatically generating your reports. Configure once for Single Click Reporting!
Real-Time Event **Status Displayed At** **Any ShopManagerRuntime**	**ShopMDI™ in Conjunction with ShopManagerRuntime & ShopCharts Allows you To:** • Display the current Event being processed for the selected Machine in Real-Time • Select the Displayed List of Monitored Machine Tools at Each Client • Select a Different List of Monitored Machine Tools at Different Clients • Display a Green Light if a Machine is Running • Display a Red Light if a Machine is not Running **Note:** This Real-Time Data Displayed can includes Manual Machine Name, Last Event Command, DNC File, DNC File Version, Status, Run, Idle, Elapsed Time, Cycle Count, Start Time, Last Event Time, Exceptions, Tool Number, Probe Val, Tool Number, Spindle Load, etc.
Real-Time Intelligent **Charting Displayed at** **Any ShopManagerRuntime**	**ShopMDI™ in Conjunction with ShopManagerRuntime, ShopMonitor & ShopCharts allows you To:** • From ShopManagerRuntime Select "Show Machine Event Status" Icon to Display your Shop Floor's Status • Configure Which Machines' Status to Collect • Configure Which Machines' Status to Display • Select a Specific Machine(s), Manual or Automated, to Display Real-Time Intelligent Chart(s) • Display; Machine Name, Last Event, DNC File & Version, etc. Real-Time Charting • Select a Different List of Monitored Machine Tools at Different Clients • Much more... **Note:** You can interactively click on the ShopCharts' Displayed Events and Retrieve all the Collected data for that Event!

Options:

ShopMDI™ Options:	**ShopMDI™ Options:** • Additional ShopMDI™ Licenses (ShopMonitor Licenses)