

FTMaintenance

Automatic Work Order Generation

Production Downtime is Expensive

When unexpected equipment breakdown occurs, the results can be disastrous.

- Production is interrupted
- Required inventory to make the repairs is not in stock, further delaying the repair
- Purchasing under emergency conditions increases the cost of needed replacement parts
- Appropriate personnel are not available to fix the equipment, resulting in costly overtime
- Uneven workloads occur
- Revenue is lost



FTMaintenance Keeps Your Process Running

By identifying the need for maintenance before a crisis develops, FTMaintenance helps you avoid expensive production shutdowns. FTMaintenance links directly to critical data within PLCs, RTUs, and other devices to automatically create work orders based on any type of input such as equipment runtime, temperature, or pressure. Communication—through the use of OPC servers—allows FTMaintenance to work with virtually any PLC, RTU, or hardware device.

Automatic work order generation saves you time, eliminates the mistakes that occur from manual efforts, and ensures that necessary repairs are not overlooked or forgotten.

How it Works

1. The conditions that require maintenance are specified within the FTMaintenance system.
2. Factory floor hardware is monitored for these situations.
3. When a condition is met, an appropriate work order is generated.
4. FTMaintenance notifies personnel—via email or printed report—that maintenance must be performed.



FasTrak
SoftWorks, Inc.

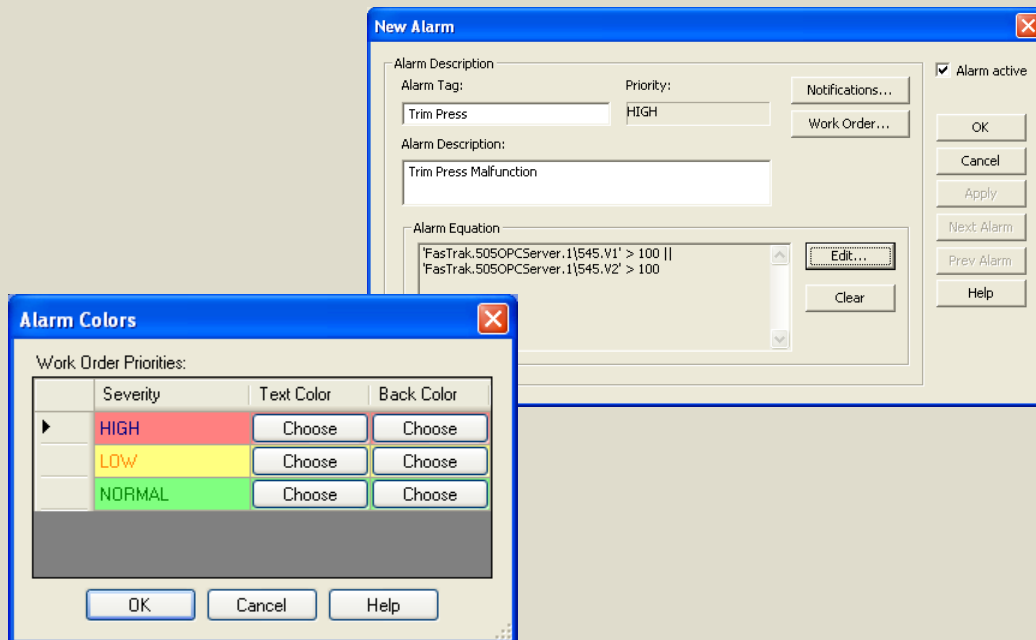
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To obtain a demo, place an order, or receive additional information, contact Sales at sales@fast-soft.com or 262.238.8088.

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Example

A trim press malfunctions. This problem is detected when the PLC register value(s) associated with the trim press exceeds its configured amount. A DM Active Work Order is generated requiring that the trim press be inspected. Because the work order has been set to automatically activate, no additional action to process the work order is required. The assigned maintenance worker, Carl Nelson, receives an email alerting him of the emergency work to be performed.



The 'Alarm Viewer' window displays a table of active alarms. The table has the following columns: Alarm Tag, Alarm Description, W/O Status, W/O Type, Alarm Equation, W/O Ref, Priority, and Alarm Time.

Alarm Tag	Alarm Description	W/O Status	W/O Type	Alarm Equation	W/O Ref	Priority	Alarm Time
BOILER #1	Boiler #1 temperature is too high	Active(P.E)	DM	505_555.Boiler_1(150) >= 150	20060831012...	HIGH	8/31/200...
MIXER	Mixer requires preventive maint...	Pending	PM	WonderWare_Mixer_L1(102) > 100 OPC_Mixer_L2...	MD4INSPECT...	LOW	8/26/200...
BOILER #2	Boiler #2 pressure is too high	Active(E)	DM	BacNet.Boiler_2(160) > 50	20060902003...	HIGH	8/30/200...
BOTTLE	Bottle requires preventive main...	Pending	PM	AB_BTL_TIME(126) > 125	BOTINSPECT...	NORMAL	9/01/200...

Why take a chance that downtime will adversely affect your operation? Contact Sales today at sales@fast-soft.com or 262.238.8088.

Refer to the FTMaintenance brochure for complete system requirements and specifications.

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