

# ***Increase your system's reliability and lifetime.***

*Planned Maintenance provides scheduled preventive maintenance for your process management system.*



*Planned Maintenance is a Customer Support Solution from Caltrol. Customer Support Solutions-services, products, and alliances for installed systems-are provided by certified specialists through our Customer Services Network*

## **Process Availability**

What does an hour of downtime cost your operation? Prevent lost production time with periodic preventive system maintenance performed by our certified Customer Support Specialist. These individuals have the experience, training, equipment and system knowledge to spot even the smallest problems that could affect your operation.

## **Asset Protection**

Our Planned Maintenance service helps protect your system and the process hardware it controls. A well-designed preventive maintenance program, planned and carried out by Emerson Process Management certified Customer Support Specialists, can reduce long-term equipment deterioration and may prevent premature equipment failure or damage.

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## **Safety, Health and Environmental Compliance**

Are your preventive maintenance activities in compliance with regulatory requirements? Are they conducted regularly, documented properly, and executed by qualified individuals using established methods and calibrated equipment? With Planned Maintenance from Caltrol your system operates safely and dependably day to day, year to year.

## **Cost Management**

Are your maintenance costs excessive or highly unpredictable? Our scheduled service minimizes the chance of unexpected emergency service calls and costly equipment failures. The cost of routine inspection, cleaning, and replacement of worn or unserviceable items is a bargain compared to potential control system or process equipment damage. Do you spend a lot of time and expense training your maintenance personnel? Our Planned Maintenance service offers a cost-effective alternative to an in-house maintenance staff requiring ongoing training and specialized equipment.

## **Service features**

Planned Maintenance provides preventive maintenance services performed at your site by our certified Customer Support Specialists. The frequency and duration of service visits, specific services to be performed, and equipment to be serviced are established in advance.

On-site service visits are scheduled by mutual agreement. We document the specific equipment to be serviced and the prescribed maintenance procedures for each visit.

Typical checklist items include:

- ? Review on-site system maintenance logs
- ? Audit environmental conditions (temperature, humidity, exposure to contamination or corrosive atmosphere, and vibration) in the control room and equipment areas
- ? Conduct general physical equipment inspection
- ? Clean equipment consoles and cabinets
- ? Perform system diagnostics
- ? Check communications highway integrity and performance
- ? Check power supplies
- ? Perform device-level diagnostics
- ? Clean, adjust, and test specified equipment and replace worn or defective items
- ? Check or replace consumable items (batteries, filters, printer ribbons).

A report is provided upon completion of each service visit.

## **Service application**

Planned Maintenance is a Customer Support Solution for Fisher-Rosemount process management systems.

Spares or consumable material necessary to replace worn, unserviceable, or faulty items will be provided by the customer or by Caltrol at additional cost.

## **Order information**

To learn how comprehensive Customer Support Solutions address your process management needs, contact your local Caltrol office today

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