

**PROCESS & CONTROL  
ASSOCIATES**

# OF  
EQUIPMENT TYPES  
**700**  
IN ASSET LIBRARY

MOST COMPREHENSIVE  
EVER!

NUMBER OF RCM  
ANALYSIS DONE,  
SO NO NEED TO DO  
IT EVER AGAIN!

**5,200**

 APT

# OPTIMIZE YOUR PLANT MAINTENANCE PROGRAM

WRITTEN BY SAQIB MAQBOOL

MAXIMIZE PLANT AND EQUIPMENT AVAILABILITY & RELIABILITY AT THE  
LOWEST POSSIBLE COST WITHOUT UNNECESSARILY CUTTING ON  
PREVENTIVE MAINTENANCE ACTIVITIES WITH PREVENTANCE TOOL

Process & Control *P&C*  
Associates

## NOW ITS POSSIBLE TO REDUCE MAINTENANCE COST WHILE INCREASING REALIABILITY!

### → Case Study



Palo Verde Nuclear Plant in USA underwent a test trial of PREVENTANCE on non-critical Air Operated Valves

The plant achieved US\$1.2 Million Saving per year in maintenance cost with increase OEE. A blanket license is being issued for all plants in North America for PREVENTANCE following this!

### → ASSET LIBRARY



PREVENTANCE is based on EPRI database with more almost 700 equipment types, 4,400 PM Tasks and 50,000 failure modes = 28,000 man-years of experience!

The PREVENTANCE Asset library is most comprehensive and saves you tons of consultancy times while providing you in-depth powerful knowledge at your finger tips.

### → P&C Consultancy



You can now subscribe to PREVENTANCE or take our consultancy to provide you an optimized maintenance program.

You cannot achieve your corporate Maintenance department goals or KPI realistically until you have a solid mechanism of effective maintenance program development which is cost and reliability optimized. At Process & Control Associates we make it happen. For more info contact us at: [mail@processcntrl.com](mailto:mail@processcntrl.com)

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# OPTIMIZE YOUR MAINTENANCE

*By Saqib Maqbool*

When it comes to plant maintenance programs, most of the companies operate in reactive mode or breakdown maintenance mode. Employees are rewarded to put the equipment back online in shortest time without realizing that it shouldn't have broken down in first place!.

Vendor recommended PM tasks could be so many that its easy to neglect various of them due to lack of time and resources resulting in focus only on critical or troublesome equipment. This has resulted in incidents in past forcing companies to think beyond totally vendor based PM plans only.

PREVENTANCE is a powerful cloud based tool introduced by Asset Performance Technologies for Maintenance Strategy Optimization. You are able to exactly specify your equipment, see all of the failure modes of each component of equipment without missing any as you don't rely on human knowledge. You can then, based on the failure modes, choose the right PM and come up with an optimized strategy on click of a button with maximum MTBF. You can make various maintenance strategies to see its cost impact and reliability.

PREVENTANCE decreases maintenance cost as much as 30% without reducing PM, while increasing Reliability. It is the only tool that achieve true maintenance program optimization.



We keep your business optimized  
with the right maintenance at the right times.



PROCESS & CONTROL ASSOCIATES

Most plants do *too much too soon* or *too little too late*,  
for maintenance excellence you need to do  
**Right Maintenance at Right Times**

**Identify  
Functional Failure &  
Impact**



**Related Equipment &  
its components**



**Component failure  
mode & frequency**



**Lean  
Maintenance**

**RCM**

**Six  
Sigma ETC...**



**Optimize the  
Maintenance plan,  
reduce cost &  
Increase MTBF**



**Choose Maintenance  
tasks: from 4200  
tasks;  
failure finding,  
condition/predictive  
based or preventive.**



# PREVENTANCE

Maintenance Optimization

GET INSTANT ACCESS

OPTIMIZE MY MAINTENANCE PROGRAM (CONSULTANCY)

REQUEST A QUOTE: [MAIL@PROCESSCNTRL.COM](mailto:MAIL@PROCESSCNTRL.COM)

[WWW.PROCESSCNTRL.COM](http://WWW.PROCESSCNTRL.COM)