

# Plant Asset Management Selection Guide

TECHNOLOGY SELECTION GUIDANCE WITH COMPREHENSIVE EVALUATION CRITERIA

## MAKE INFORMED, FACT-BASED TECHNOLOGY SELECTIONS

This guide will help organizations select the best Plant Asset Management (PAM) System for their operational requirements and business needs. Uptime, asset availability, and safety are critical for high operational performance. For industrial organizations, KPIs such as these tie directly to shareholder value. However, sustainable asset management efforts require a modern PAM system with the appropriate features and functionalities. This publication contains guidance and specific selection criteria to enable technology and supplier selection teams to find common ground with lower risk and faster time to decision.

Operations and maintenance personnel need a modern PAM system to obtain the

visibility into performance required for achieving operational goals and help improve return on assets (ROA). As manufacturers seek to extend asset life, PAM solutions can help ensure aging assets continue to perform satisfactorily.

Current PAM systems offer solutions to monitor greater numbers of applications and asset classes, and have migrated to more functional areas of the plant to encompass not only maintenance but also plant operation.

For more information, please visit us at [www.arcweb.com/technology-evaluation-and-selection](http://www.arcweb.com/technology-evaluation-and-selection)

## STRATEGIC ISSUES

PAM systems span both the functional needs of its users and business processes for the broader enterprise. This selection guide explores user objectives, business justification, application scope, selection criteria, and helps answer key questions, such as:

- Which PAM functions are needed?
- What features should be considered for comparing suppliers?
- Which suppliers have success in your industry?
- What are the best practices of other PAM users?
- How are the cloud, SaaS, mobility, and analytics affecting PAM?

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Oil & Gas  
Pharmaceutical & Biotech  
Pulp & Paper  
Refining  
Water & Wastewater

### SUPPLIER PROFILES

Profiles for the major PAM suppliers servicing this market are included. Each profile concisely reviews the company's business, products, and services as it applies to this market segment.

### Plant Asset Management Systems Monitoring Performance for Wide Range of Assets

Asset Class	Electrical	Mechanical
<b>Automation Assets</b>	Pressure, Temperature, Flow, Level, Miscellaneous Sensors, Analytical, Switches, Networks	Control Valves, Positioners, and Associated Equipment
<b>Production Assets</b>	Motors, Switchgear, Transformers, Drives, Wiring	Turbines, Compressors, Fans, Gear Boxes, Conveyors, Grinding Mills, Extruders, Dryers, Pumps, Pipes, Heat Exchangers, Tanks, Boilers, Furnaces, Production Units

### PAM Asset Class Segmentation