PCMS SOFTWARE IMPLEMENTATION

PCMS
Plant Condition Management Software

PCMS Implementation and Technical Services

Proper implementation of Plant Condition Management Software (PCMS) is critical to ensuring your Mechanical Integrity (MI) program achieves success. Why risk time, money, and valuable resources relying on inexperienced, third-party providers when you can utilize the experts who develop, maintain, and use the PCMS system every day?

The PCMS team understands the needs and challenges companies face when executing an implementation strategy. Our trusted team of industry experts has the tools to deliver a PCMS implementation program that's best suited to meet your unique needs. We work side-by-side with PCMS developers to execute program modifications to meet client customizations and requests for functionality. With years of field experience, MISTRAS boasts a dynamic team to support PCMS implementation, all while saving you time and money.

What Makes Us Different?

MISTRAS is the expert in implementing PCMS. We develop the software and deploy an experienced team who are proficient in implementing the PCMS system. This knowledge, combined with our industry expertise, allows us to effectively and efficiently review, analyze, configure, and develop a customized program to ensure your MI data is effectively implemented.

Implementation Specialties

- MI Data Evaluation and Implementation
- Technical Implementation Support
- Customized Training and Consultations

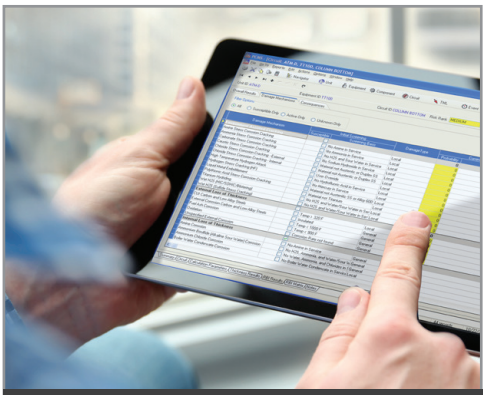
Implementation Team Expertise

- Owner/Operator Mechanical Integrity Managers
- API 580/581 Committee Members and Contributors
- API (510/570/653/580/571) Certified Inspectors
- Corrosion Specialists
- Owner/Operator Unit Inspectors
- NBIC Commissioned Authorized Inspectors
- Owner/Operator Chief Inspectors
- ASNT Certified NDE Technicians

Our Team, Your Service

MISTRAS' PCMS implementation services are conducted through a strategic combination of highly-focused roles, coupled with superior team personnel. By offering both the positions and staff needed to execute this process, you can trust MISTRAS to fulfill all your implementation needs.

Data Implementation



Training & Consultative Services

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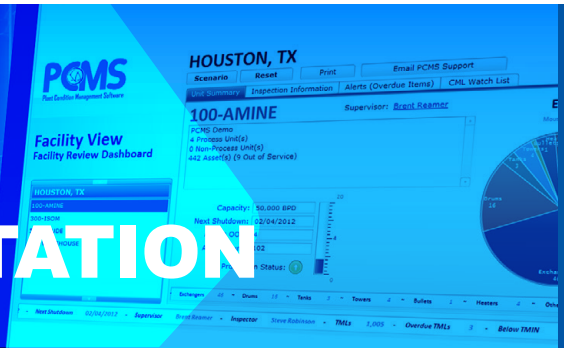

PCMS SALES
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Implementation Team Roles

To ensure the implementation of PCMS is executed seamlessly, MISTRAS provides a dedicated and diverse team of support specialists, well-versed in all aspects of the process, including:

- CAD Specialists
- MI Data implementers
- MI Data Analysts
- Document Control Specialists
- Project Management Personnel
- PCMS Subject Matter Experts
- PCMS RBI Subject Matter Experts
- PCMS API RBI Subject Matter Experts

PCMS Implementation from A-Z

Whether you need short-term initiatives or a multi-year implementation program, MISTRAS has the necessary resources to help. Our team can analyze and fix your current PCMS software implementation infrastructure or create and implement a new plan from scratch.

MISTRAS offers many implementation services for data management, training and consultation to support each PCMS module.

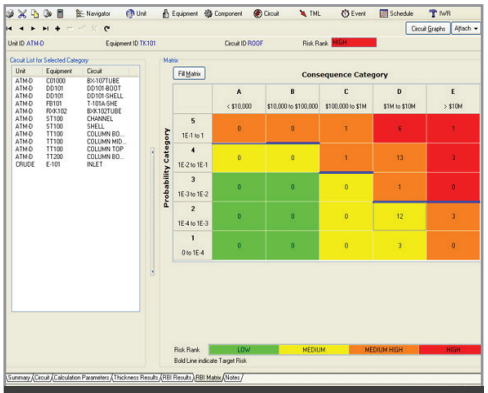
Data and Implementation Support

Whether you need a specific implementation project or a turnkey solution, we have the personnel and experience to help.

- **Evaluate MI Data** – Review data to verify accuracy, alignment, and identify discrepancies. Reverse engineer undocumented data to fill gaps, such as undocumented inspection grades.
- **Implement MI Data** – Data acquisition, organization, and entry to ensure data is properly incorporated into the system, including a correct understanding and use of system defaults.
- **Audit MI Data** – Review and/or improve third-party implementations with database auditing statistical analysis services.
- **Data and KPI Reporting** – Develop and improve KPI reports within the system utilizing filters, alerts, and use of interactive dashboards with our PCMS BI module.
- **Obtain Data** – NDE and inspection field services to gather information as needed.
- **Document Conversion** – Convert internal documents from workflows and checklists into detailed procedures and report templates.
- **Document Management** – Organize and manage your inspection documentation to properly incorporate historical inspections, drawings, and related documentation.
- **Turnaround Data Implementation** – Efficient data implementation to quickly and correctly incorporate the vast amount of data developed during turnarounds, in real-time to support critical decisions and prevent significant backlog.
- **Drafting Services** – Develop and update CAD drawings utilizing multiple commercial programs.
- **CAD Integration** – Align CCDs with equipment systemization and implement the CAD Module in PCMS to support real-time CAD updates based on changing inspection data.

Technical Support Services

- **Risk-Based Inspection (RBI)** – Develop and execute API 580/581 compliant RBI programs based on MI data initiatives for all RBI strategies with baseline, on-going, and reassessment efforts.
- **Damage Mechanism Reviews (DMRs)** – Process unit reviews to identify potential damage types by location, improving knowledge of your facility and development of corrosion loops.
- **Systemization and Circuitization** – Determine and develop corrosion loops and circuits on facility PFD and P&ID drawings to implement findings from DMRs.



Risk-Based Inspection Matrix

- **Corrosion Control Documents (CCDs)** – Develop, document, and implement CCDs in accordance with API 970.
- **Integrity Operating Windows (IOWs)** – Develop and implement IOWs in accordance with API 584.

Training and Consultation

- **Training** – Customized, one-on-one or group training to address your specific needs such as program instruction, implementation, reporting/analytics, and administration.
- **Consulting Services** – On-demand experts to answer program and technical questions.

Bottom Line: We are an experienced team of data analysts and industry experts who implement PCMS software solutions effectively and efficiently for YOU.

Contact us today and learn how our procedures can help **ensure your data and program development is complete, accurate, and most importantly, properly implemented.**

Specifications subject to change without notice.
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