

# How Do You Want to Manage Your Facility?

## Discover Key Functionality Available in the PlantManager 6.0 Platform

Managing inspection data can be a complex and time-consuming process for many facilities. However, implementing the right asset integrity management system (AIMS) can simplify this process and provide a range of benefits, such as improving operational efficiency, reducing unnecessary inspections, and streamlining inspection and maintenance costs.

PlantManager 6.0 goes beyond traditional AIMS technology by embedding SagePlus™ calculators and RBI methodology to give you the confidence to solve a variety of asset management challenges and turn inputs into insights.

**ASSET & DATA MANAGEMENT**

- Import and export of asset details, inspection details, and thickness data
- Basic and interactive audit logs
- Configurable user views, profiles, and asset hierarchy
- Document management, isometric drawings
- 100% cloud-native software
- Microsoft Azure database with geo-replication

**EQUIPMENT SUPPORT**

- Boiler tubes • Bundles • Fired heaters • Piping
- Pressure relief devices (PRDs) • Pressure vessels
- Rotating equipment • Spheres • Tanks

Complete equipment design and re-rate capabilities for vessels, heat exchangers, piping, and tankage to ASME and API codes and standards

**PlantManager ASSET**

Achieve end-to-end asset lifecycle management capabilities by recording damage management locations (DMLs), managing inspection activities, and calculating fully quantitative API 581 risk assessments for inspection optimization.

**PlantManager 6.0**

Implement a flexible and scalable cloud-native software platform that leverages the power of E<sup>2</sup>G's suite of analytical tools to deliver insight into all aspects of an asset's lifecycle. PlantManager 6.0 uniquely offers both inspection planning and management tools and advanced engineering analysis calculators to conduct comprehensive analyses of an asset's integrity and performance.

**PlantManager SAGE**

Analyze assets with a collection of mechanical engineering modules for conducting comprehensive evaluation and analysis into the design, condition, and compliance of new and in-service equipment.



**INSPECTION PLANNING & SCHEDULING**

- Inspection planning and scheduling templates
- Code-based inspection scheduling and deadline calculations
- Configurable inspection plans
- Log inspection findings and link to maintenance requests
- Condition, time, and risk-based inspection scheduling options



**IN-SERVICE CODES & STANDARDS**

Material database supporting all years of applicable codes and standards API 580, API 581, API 510, API 570, and API 653



**RISK-BASED INSPECTION**

- Fully embedded API 581 Level 1 and Level 2 consequence of failure (COF)
- Quantitative risk analysis



**DAMAGE MANAGEMENT LOCATIONS (DMLs)**

- Manage existing damage
- Damage data collection workflow
- Fully integrated API 579-1/ASME FFS-1 calculations



**CONDITION MONITORING LOCATIONS (CMLs)**

- Thickness management and corrosion rates
- CML scheduling and type-based configuration
- Datalogger interface
- Long and short linear rates



**REPORTING & ACTIVITY MANAGEMENT DASHBOARD**

- Report templates
- Monitor and receive alerts for bad actors
- Inspection activity management



**FITNESS-FOR-SERVICE (FFS)**

- Level 1 and Level 2 API 579-1/ASME FFS-1 integration
- Support de-rate and re-rate records



**IN-SERVICE EQUIPMENT**

- Fluid templates and re-rating using SAGE materials database
- Configurable fluid builder

**CONTACT OUR TEAM**

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**VISIT**

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TURN INPUTS INTO INSIGHTS

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