

Preventive Maintenance

Drive efficiencies in your manufacturing operations with maintenance capabilities for managing your equipment



What is Preventive Maintenance:

Customers in both process and discrete manufacturing need a way to manage and maintain their equipment, ensure the appropriate maintenance activities are taking place, schedule production around machines that are down, and capture materials and labor that are required to maintain these machines.

Examples of Preventive Maintenance tasks are:

- Regular cleaning and sanitizing
- Lubrication
- Calibration
- Replacing of serviceable parts
- Equipment repairs

Types of Preventive Maintenance:

- Usage Based
- Takes into account the average daily usage or exposure to environmental conditions of an asset and uses it to forecast a due date for a future inspection/maintenance
- Calendar Time Based
- Occurs at a scheduled time, based on a calendar interval
- Predictive Maintenance
- Designed to schedule corrective maintenance actions before a failure occurs
- Prescriptive Maintenance
- Doesn't just show that failure is going to happen and when, but why

What is Sage X3 Preventive Maintenance:

Sage X3 Preventive Maintenance has been designed for small to medium sized manufacturers who want to manage their assets in real-time.

Sage X3 Preventive Maintenance is a complete and integrated business management solution that reduces manufacturing downtime and lengthens the life of valuable assets.

Unlike other Preventive Maintenance solutions our solution increases productivity and efficiency through fewer interruptions to critical operations by computing regular servicing intervals and helps businesses to remain compliant with Health and Safety regulations and reduces workplace injuries.

Preventive Maintenance is an add-on solution to Sage X3, built using the development tools and platform that extends several core Sage X3 functions for easier adaptability.

The Sage X3 Preventive Maintenance includes:

- Job Ticket Management - job ticket (repair, replace, and scheduled), cause and remedy codes, resources assigned, and materials used
- Resource management that allows a calendar for scheduling resources
- Equipment management using product & BOM functionalities
- Automatic & Manual Scheduling of job maintenance tickets
- Using work centre functionality to track labor, costing, and routing steps
- Extensive reporting capabilities
- Define and enter measurements
- Validate skills & resources
- Record Technical Sheets
- Ability to add non conformance functions to job tickets
- Simplicity of design allows for easy adoption

Tracking these physical assets can help to:

- Reduce inefficiencies, costly downtime, and thereby improve productivity and increase profits
- Optimize inventory levels and purchasing costs
- Offer more flexibility with your operations

Customer Benefits:

Improved Productivity

Statistics show that poor maintenance can reduce a company's production capacity by 20%. By meeting maintenance requirements, you can prevent this fall in productivity as well as reduce downtime to enable greater efficiency and productivity.

Greater Equipment Lifespan

By making sure equipment runs according to guidelines you will help improve the lifespan of the asset. Failing parts reduce the life of your equipment, resulting in expensive repair or replacement and unplanned downtime.

Regulatory Compliance

Stay legally compliant with documented processes and audit trails (ISO 9001, FDA, OSHA, EHS)

Reduced Costs

It is estimated that running a piece of equipment to failure can cost ten times as much as performing periodic maintenance as a result of unexpected downtimes and repairs. Also helps optimize inventory levels and purchasing costs

Reduced Energy Consumption

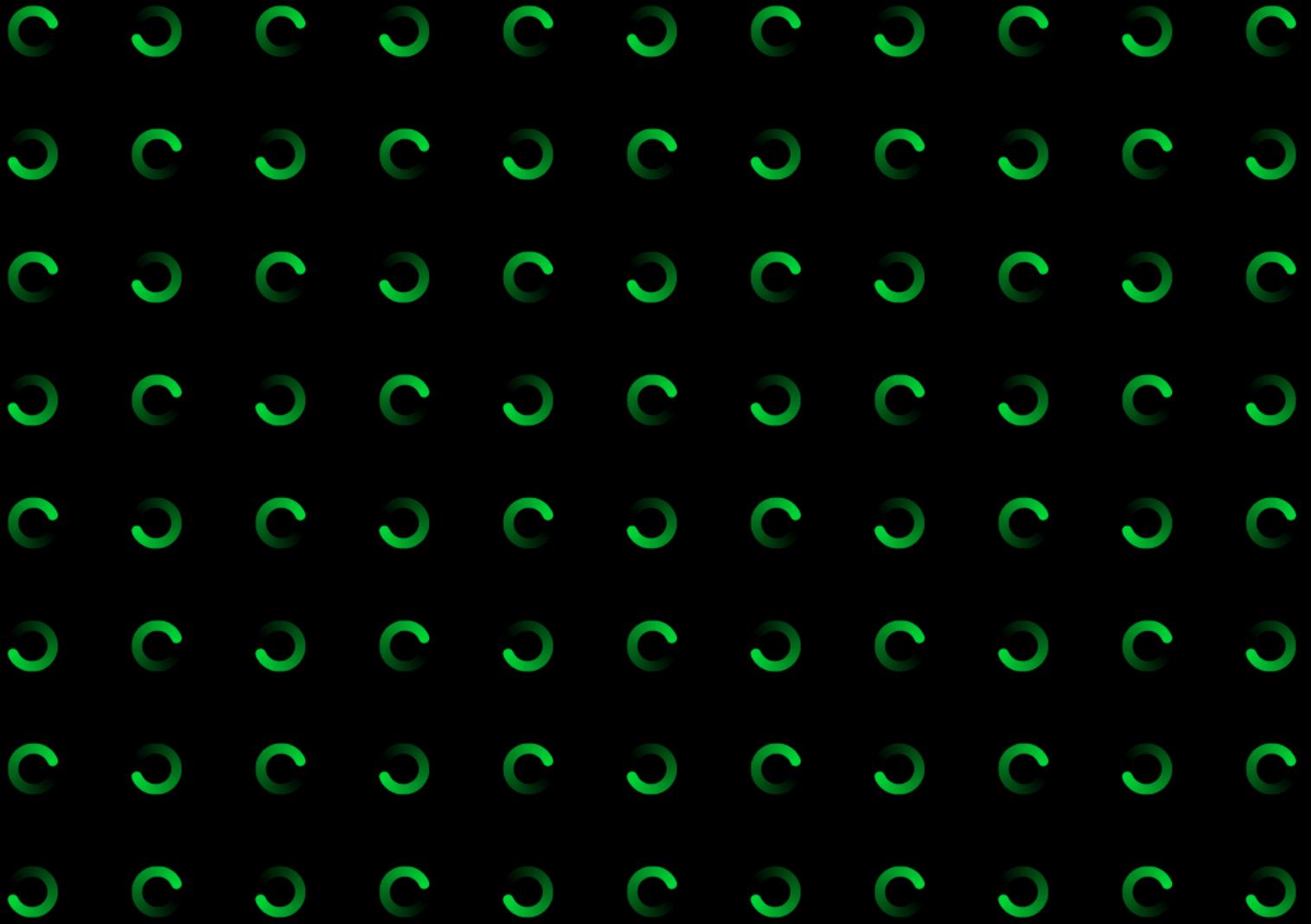
Poorly maintained electrical assets tend to use more energy than those that are functioning correctly

Improved Safety

Maintaining assets prevents potentially dangerous failure, improves health & safety, mitigates against injury and associated liability

Improved Customer Experience

Ability to offer more flexibility in operations, improve ability to promise and help boost customer satisfaction



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