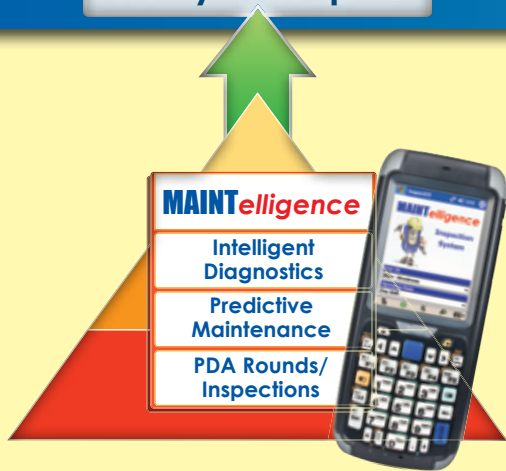# MAINT*elligence*™ Options

SAP PM
Oracle EAM
OSIsoft
Invensys Avantis
JD Edwards
Ventyx Passport

Add Operator Driven Reliability and PdM to Your Enterprise System with MAINT*elligence*

MAINT*elligence*

Intelligent Diagnostics

Predictive Maintenance

PDA Rounds/ Inspections

MAINT*elligence* Enterprise Connect benefits your existing enterprise asset management system with:

1. Simplified Work Notification.

2. PDA inspections with automatic corrective maintenance notification.

3. Full diagnostic analysis for integrated PdM.

4. Optimal tools for the collection, verification and management of asset condition.

MAINTelligence is a comprehensive system focused on visual inspections, rounds automation and instrumented predictive maintenance. It provides the tools for operations, maintenance, lubrication and reliability departments to manage their data collection processes, and use that data to automatically trigger maintenance notifications in SAP and other enterprise systems.

All of the rich, complex information gathered by operator rounds, lubrication rounds, safety / health / environmental inspections and predictive maintenance procedures are managed within MAINTelligence. When the link to the ERP system is activated, any alarms or exceptions noted during rounds can automatically trigger corrective maintenance orders in the ERP system.
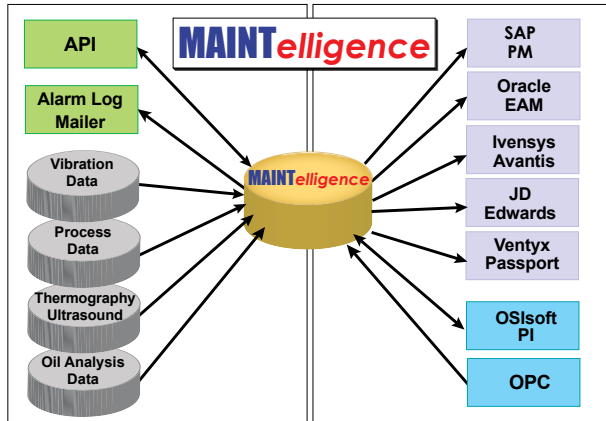
Intelligent Diagnostics

Built into MAINTelligence is a highly capable intelligent (rule-driven) diagnostic system. Use it to augment simple alarms with business rules to generate maintenance notifications based on many data values from multiple measurement points.

SAP Specific Features

MAINTelligence offers enhancements to our standard workflow interface to meet the specific requirements of SAP users. MAINTelligence plant hierarchy objects (equipment and components) are linked either to Equipment objects or Functional Locations in SAP ERP. Whenever an alarm, a diagnostic or a work request is created on a MAINTelligence equipment or component object, an associated Maintenance Notification is created in SAP.

MAINTelligence can communicate with SAP or ECC either through the standard BAPI interface or using XI/Netweaver and web services. Both methods deliver the same information, and have the same tools to automatically link MAINTelligence alarms / diagnostics / work requests to SAP.

dmsi

Get Connected with MAINT*elligence*

Automate Your Data Collection

DMSI is the world leader in automating maintenance inspection rounds using industrial handheld tools. With several thousand industrial handhelds operating every day, MAINTelligence has the breadth of capability and the rugged reliability you need for your plant's operation. Choose from many different makes of industrial handhelds —MAINTelligence works on all Windows Mobile devices, regardless of the manufacturer.

MAINTelligence Is ... Connected

A great reliability program is backed by a partnership between maintenance, operations and other departments within an organization. It is built with tools that facilitate and create these partnerships, fostering company-wide support. MAINTelligence has been engineered to encourage information sharing in multiple ways so that it works to enhance an organization's current resources.

Bring in reliability data from any or all of these sources:
- Vibration Analysis (both data collectors and online systems)
- Oil Analysis (extensive list of laboratories)
- Ultrasonics
- Thermography
- Process Data (DCS / PLC / Data Historians / OPC)

Send reliability data to any or all of these destinations:
- Data Historians (OSIsoft PI, Aspentech IP.21)
- ERP / EAM systems (SAP PM, Invensys Advantis, Ventyx, JD Edwards and others.)

MAINTelligence Is ... Open

MAINTelligence is built upon the MAINTelligence API, a set of published interfaces that define how to move data in and out of MAINTelligence. These APIs allow end users or third party OEMs to move data in and out of MAINTelligence to suit their needs. Using these APIs, clients have customized MAINTelligence in numerous ways to fit all sorts of environments and other systems.