How **MAINTelligence™** Is Advancing Asset Performance Around the World

The ultimate Enterprise Asset Performance Management System is the culmination of the right tools, precise methods, and motivated people to create and implement the EAPM solutions.

Design Maintenance Systems Inc. (DMSI) created MAINTelligence™ to be that total asset health system solution: versatile, mobile, intuitive and powerful. Its open connectivity allows for seamless integration possibilities, coupled with DMSI's exceptional client services, have established it as a global provider that helps deliver asset health to positively affect each one of our client's bottom lines.
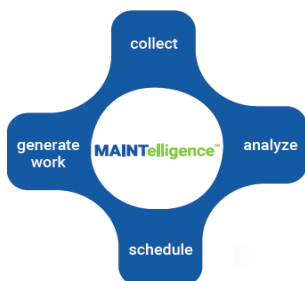
How MAINTelligence™ Works

MAINTelligence™ utilizes a customized, multi-tiered approach to asset management, predictive maintenance scheduling, and all condition-based maintenance technologies. It creates a framework that incorporates the CMMS aspects of collecting costs and allocating resources with a focus on reliability; making MAINTelligence™ the ultimate management tool for predictive and inspection-based maintenance data, along with standard corrective and preventive maintenance work orders.

We believe in providing the flexibility to choose which key information to share for strengthening inter-company partnerships and support between programs and departments. Built with an open data exchange, MAINTelligence™ integrates with nonproprietary systems and hardware. It then translates that data into useful decision making information for Plant, Operational, Maintenance and Reliability Managers.

What MAINTelligence™ Can Do For You

MAINTelligence™ is a completely integrated and automated equipment reliability system. Our EAPM solutions are continually refined to reflect client requirements. By providing flexible, powerful, and cost-effective maintenance software and serviced with end-to-end support, we enable organizations to proactively manage risks and costs before they become catastrophic failures.
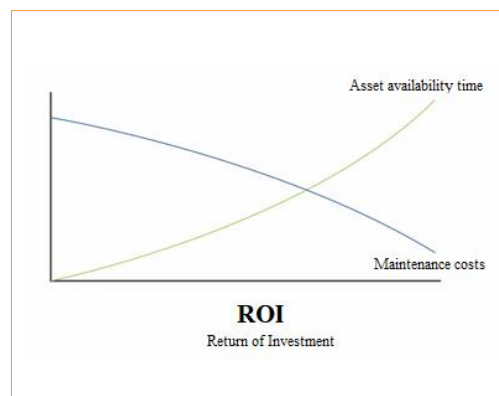
The Benefits of Integration

An effective plant hierarchy can be established using CMMS data: compile an equipment list, perform criticality assessments, establish an equipment plan strategy, create routes and implement training.

Through these integrated condition assessment tools, MAINTelligence™ allows your organization to, increase knowledge retention and proactivity (all repairs can be properly planned and scheduled), automate work order generation and perform data analysis efficiently.

Our integrated system also provides supporting records for design, construction, and manufacturer warranty claims.

Ludan Engineering

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MAINTelligence™ Case Study: US Geothermal

US Geothermal, a renewable independent power producer, employed DMSI's MAINTelligence™ asset management solution as a start-up because of its cost-effective and modular nature. Since inception, US Geothermal has grown to three sites across the US partly in thanks to the MAINTelligence™ experience. By incrementally adding features to encompass the company's growing needs, it helped the organization to function as a seamless, proactive team without the need to purchase additional, single-solution platforms. The integrated design of MAINTelligence™ allows US Geothermal to automatically view, analyze and compare data from several different predictive maintenance disciplines to enhance reliability. This automated tracking process allows its team to focus on plant management.

One MAINTelligence™ installation ensured that US Geothermal, which operates out of three, geographically diverse locations, each utilizes their own database and supplies a wealth of information to management. During the commissioning phase and first year of its newest plant, significant issues including everything from project design to equipment suitability were uncovered and dealt with thanks to MAINTelligence™.

By utilizing predictive maintenance items, vibration monitoring and oil analysis, US Geothermal was also able to extend the manufacturer's recommended interval for turbine and generator overhauls from 5 to 7 years. Oil changes have been extended from 1 to an average of 3 years thanks to oil analysis results. These cost-savings result in a healthier bottom line.

Ludan Engineering is a reseller of DESMAINT - MAINTelligence™ solution. To find out more about our fully-integrated, reliability-focused EAPM or to book a demo, contact Ludan by phone: + 40 31 229 20 20 or via e-mail: office@ludan.ro