



Advanced Maintenance Management Services (AMMS)

Most maintenance or asset management systems, commonly known as CMMS (Computerized Maintenance Management System) or EAM (Enterprise Asset Management) systems have not been developed by asset or equipment OEMs. This means they have inherent problems and cannot scale to support operations business-wide.

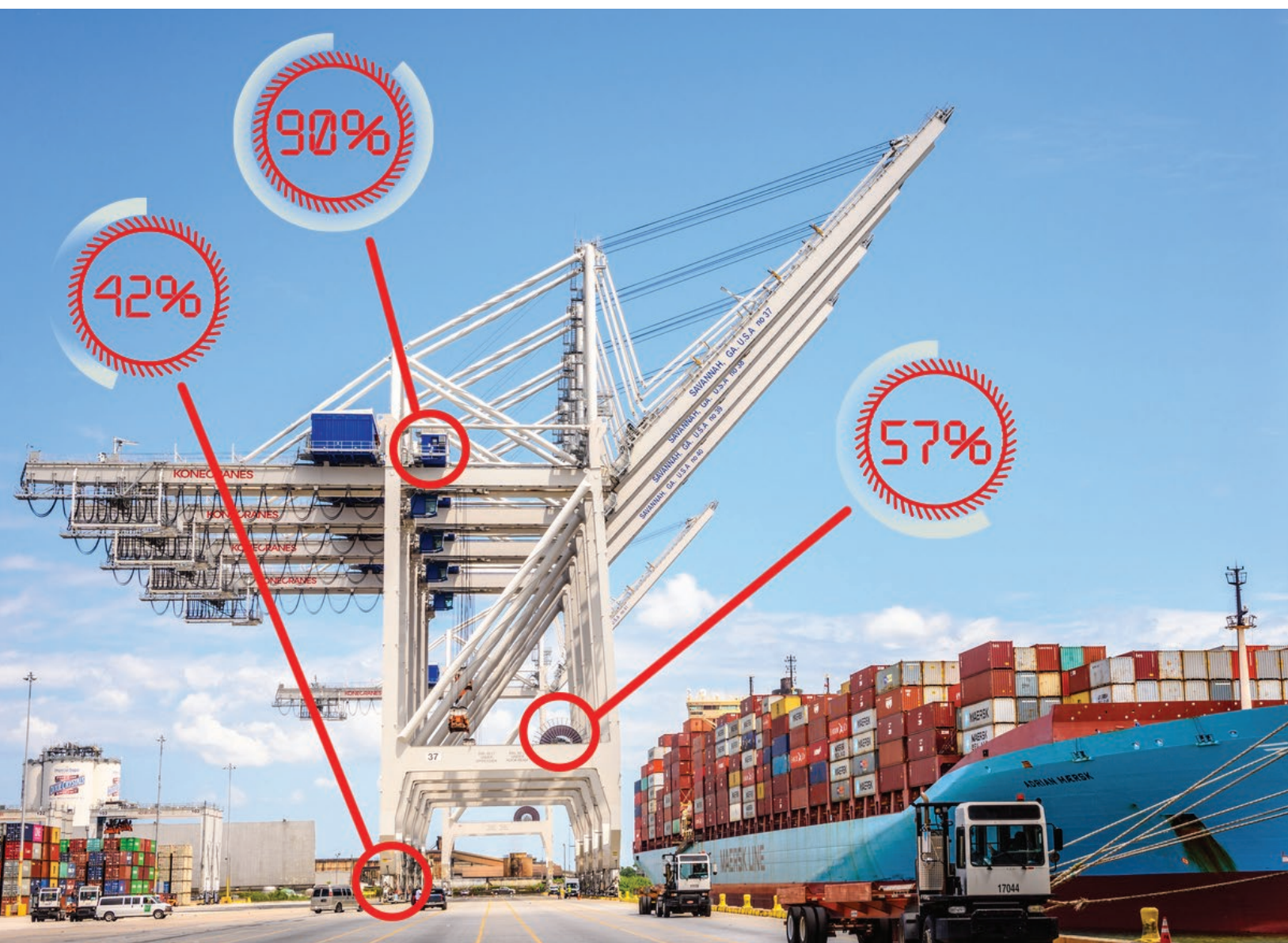
Optimum maintenance means optimal performance

SOME OF THE PROBLEMS WITH OFF-THE-SHELF CMMS/EAM SYSTEMS:

- ✗ They are not completely preloaded with equipment information
 - Instructions, parts data, service manuals are incomplete or missing
- ✗ They cannot handle multiple OEM parts or equipment databases
 - Inputs must be manually duplicated across different OEM CMMS
- ✗ Poor field technician tools mean many systems still require manual inputs
- ✗ High level integration with business ERP is lacking

THE KONECRANES AMMS DIFFERENCE

- ✓ Single system that accommodates your entire fleet regardless of type or brand
- ✓ Equipment experts ensure your equipment data (manual, instruction, parts list and catalogues) are correctly preloaded into the system
- ✓ Fully digitized field technician interface
- ✓ Automate equipment data gathering using existing usage data
- ✓ Automated predictive service data and alerts
- ✓ Full integration into any ERP
- ✓ Operations-wide insight across multiple equipment data streams



BENEFITS

- Get 100% out of CMMS or EAM systems
- Full digitization of entire fleet maintenance system
- Automate the majority of your maintenance planning and procurement
- Integrated parts data can automatically find parts online
- Expert recommendations to proactively improve asset utilization and safety
- Define and track preventive service and maintenance costs
- Training and advice on creating and running successful maintenance plans



HOW IT WORKS

New System

- If you do not yet have any digital maintenance system in place, our team can provide the AMMS defined best practice CMMS tool and we will help your team install it
 - Includes installation and training on mobile field technician tools
 - Includes fully loading your equipment data into the new system
- Konecranes AMMS can be:
 - Included as standard with all new Konecranes equipment.
 - retrofit on existing cranes
 - extended to include other port equipment in your fleet

Own system

Our experts can help you make the most of an existing system:

- Consultation and business-needs review
- Maintenance process audit
- Software and data processing recommendations
- Design and implement optimal maintenance planning interface
- Dedicated team to assist with equipment data update, additional training and go live

WHAT YOU NEED TO KNOW

- Data collected is protected in terms of the mandated territorial legislation and regulations
- To facilitate the Advanced Maintenance management service, customers must provide -
 - Appropriate information about equipment models, utilization and maintenance history, site details, etc.
 - Site, crane and TOS access for installation, testing, and hand over

Advanced Services

KONECRANES



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