Lifecycle Programs So much more than a service agreement



Our modular programs are designed to scale

swiftly to terminals and fleets of any size.

Maintenance is not a cost to be minimized, but an investment that drives availability.

Any Brand

Port operators are increasingly realizing that equipment data can be the key to revolutionizing how to plan equipment maintenance with a view to reducing the total cost of ownership. However, equipment data sets are often vast, as well as complex.

A Konecranes Port Services program streamlines equipment maintenance planning by using

Click any text in red to navigate to that section.

When do you need a Lifecycle program? Lifecycle¹ Lifecycle² Lifecycle³ LifecycleX **Definitions**

When do you need a Lifecycle Program?

OEM-grade digital tools as well as expert analyses.

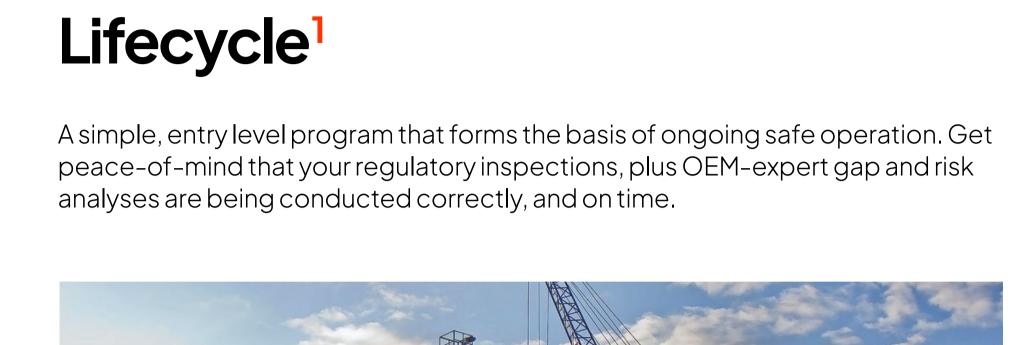
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some help maintaining statutory equipment safety levels.

maintenance planning.

latest in equipment data analysis tools.

equipment availability strategy.



You are comfortable with the skills and outputs of your in-house maintenance system but need

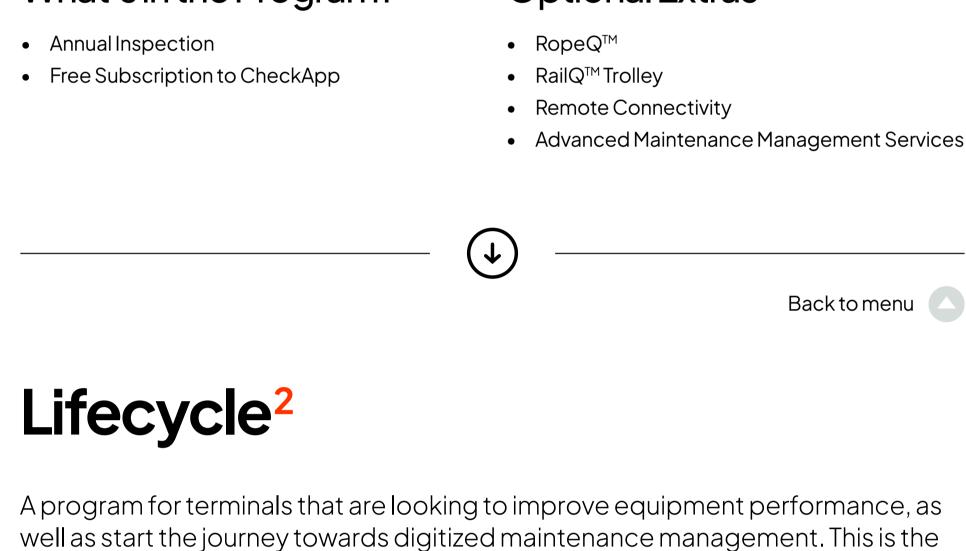
You have a well-trained in-house team, but could use data better in your operations and your

You are increasingly looking for experts to make 360-degree maintenance plans for you, using the

You need a service partner to design a total outsourced solution that delivers a comprehensive

Program Objective: Asset safety and compliance

What's in the Program? **Optional Extras**



ideal program (with the optional extras) if you have in-house maintenance teams

Optional Extras

Ropes & Twistlocks

Remote Connectivity

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RailQ[™] Trolley

that could benefit from a phased transition to digitized services.

Program Objective: Improved performance

Wear & Tear Parts

Lubrication Labor

RopeQ™

Services

Lifecycle³ An expert-enriched downtime management program, that uses a variety of our digital tools and high-touch expert engagement to ensure minimal equipment downtime.

24%

Optional Extras

Stand-by Support

Predictive Services

Optional Extras

On-site Support

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information

at this link

24/7 Support

Advanced Tests

What's in the Program?

Lifecycle 2 Standard Program

Corrective Maintenance

Critical Parts

RailQ[™] Trolley

Remote Services

Availability Guarantee

LifecycleX We call this program "x" because it is in fact a whole new world. Here data drives an outsourced model that is built to deliver the equipment availability your business needs to grow. We design a total eco-system that uses our premier

services inside a single smart and accountable system.

Program Objective: Maximum performance

Definitions

CheckApp?

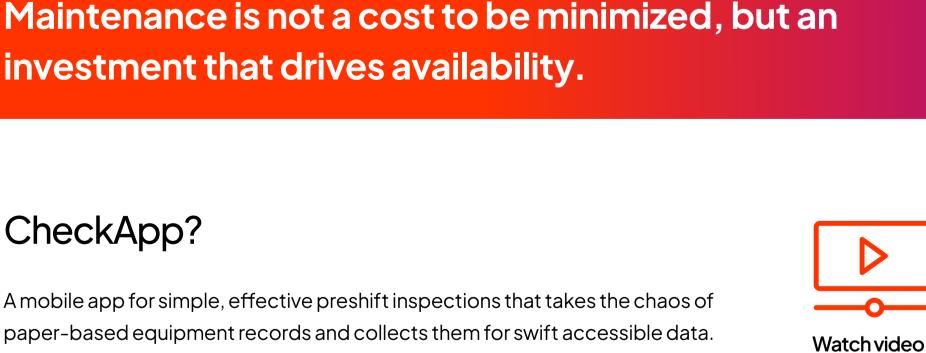
exterior condition.

world as a single maintenance portal.

AMMS

RailQ™ Trolley? Delivers accurate information on the alignment of your crane trolley and gantry rails. It provides expert recommendations for any needed corrective actions, using a remotely-operated robot to minimize downtime and increase the safety of the survey.

Ports. Evolved.





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Konecranes is a global leader in material handling solutions, serving a broad range of customers across multiple industries. We consistently set the industry benchmark, from everyday improvements to the breakthroughs at moments that matter most, because we know we can always find a safer, more productive and sustainable way. That's why, with around 16,600 professionals in over 50 countries, Konecranes is trusted

KONECRANES Moves what matters.

What's in the Program?

Lifecycle 1 Standard Program

Usage-based Preventive Maintenance

Advanced Maintenance Management

- 47%
- Program Objective: Operational efficiency

What's in the Program?

Lifecycle 3 Standard Program

Stand-by Support

Predictive Services

Advanced Tests

24/7 Support

Advanced Maintenance Management Services is built by equipment experts.

It is an intelligent, multi-layered digital system that collates, analyzes and most

importantly acts on the equipment data it receives. Despite being a complex,

and ever-growing, database of equipment information, AMMS exists in your

RopeQ™?

This service determines the condition of a wire rope based on a visual and magnetic inspection

with magnetic-inductive leakage technology, to provide accurate data of the rope's interior and

Use our pre-programmed checklists or create your own.

- **Predictive Services?** can "see" critical failure long before it happens, reducing your business risk.

- Using the latest sensor technology, we track the performance and condition of critical components. Layered with expert insight and machine learning, this data
- - every day to lift, handle and move what the world needs. In 2023, Group sales totalled EUR 4.0 billion. Konecranes
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