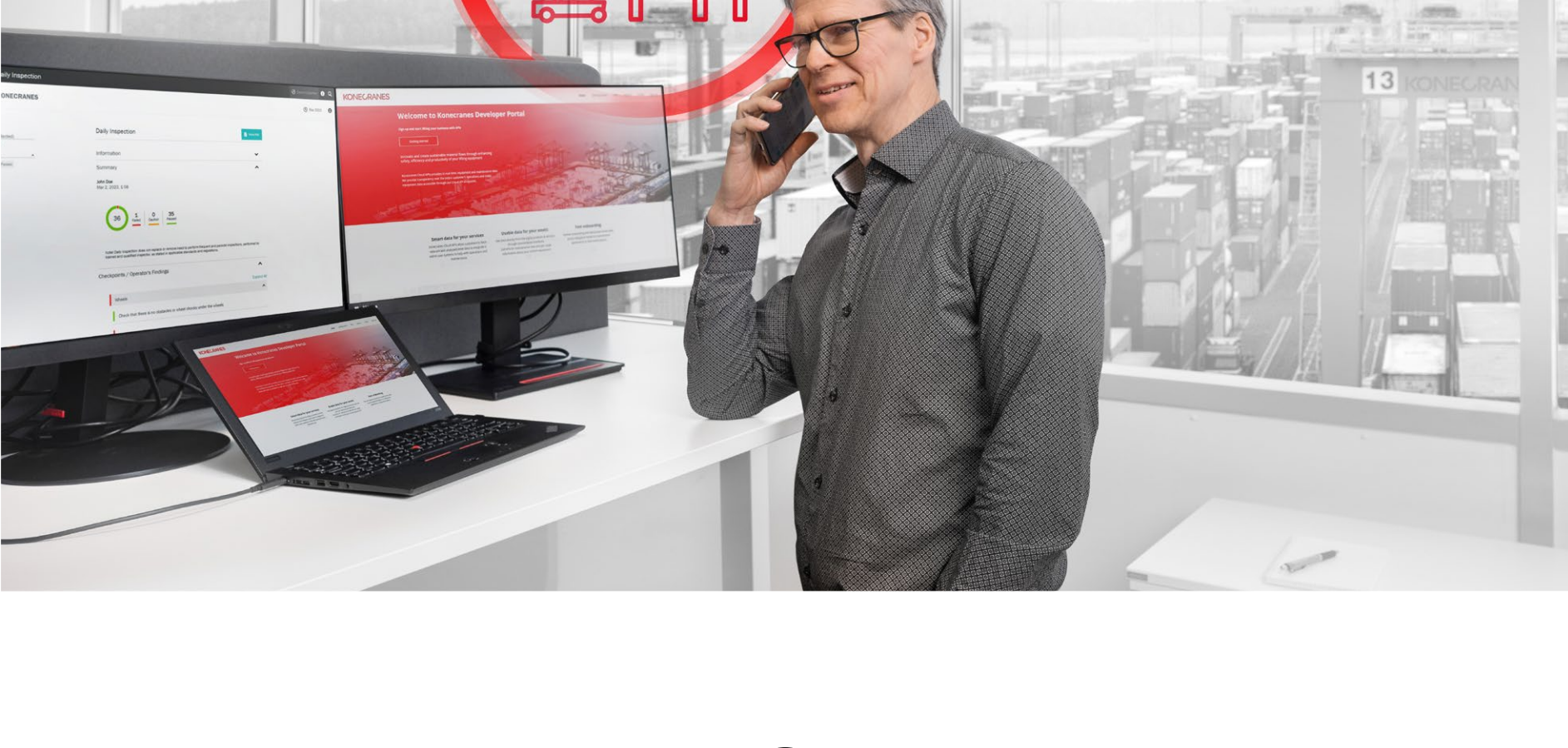


Fire Suppression System

Revenue protection through incident prevention

Adapt and thrive

Konecranes is the premier port services provider to brownfield terminal developments. Our range of retrofit products will enable your fleet to adapt to a fast-changing environment. Welcome to your evolution.



Protect Your Revenue, Not Just Your Equipment

A single serious RTG safety incident costs €320k on average—combining €27k* in conservative downtime costs (5 days of lost revenue and opportunities) with €300k** in direct incident costs (medical expenses, workers compensation, fines, equipment repairs, and legal fees)**. This conservative estimate excludes insurance premium increases, third-party litigation, reputation damage, and operational inefficiencies. Prevention isn’t an expense—it’s revenue protection.

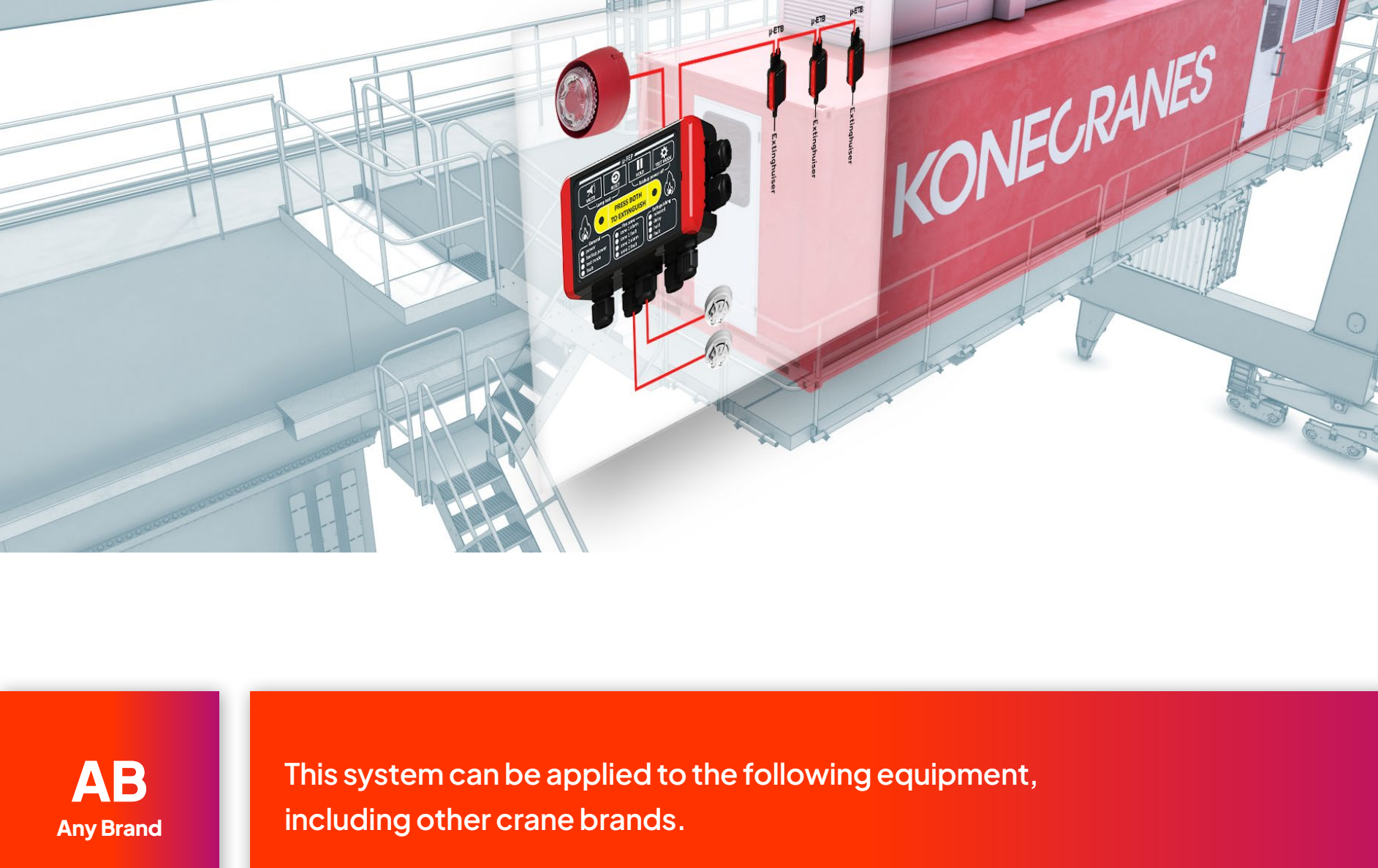
* Based on Konecranes study "True cost of RTG downtime".
** Based on insurance analyses of US-based incidents 2020–2024



Automatically detect and extinguish critical area fires.

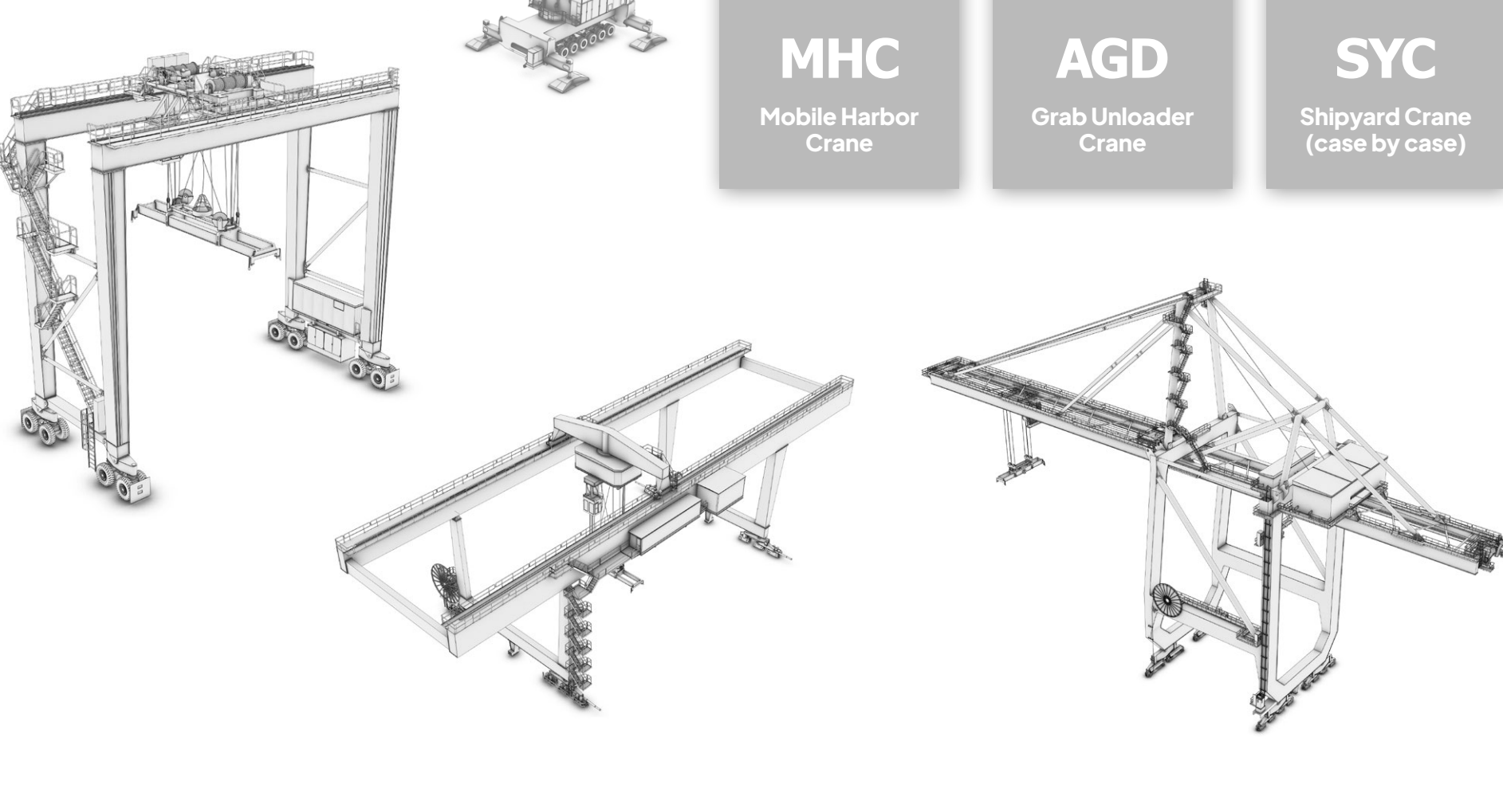
Benefits

- Designed in co-operation with fire suppression experts and crane experts especially for port equipment
- Aerosol units are not pressurized or toxic
- No expensive pipe work required
- Can be installed inside engine and generator rooms, limiting fire spread
- Fully automatic and autonomous system of activation
- Backup power supply via UPS
- Require far less maintenance compared to other conventional systems
- Aerosol is not harmful to humans or animals



AB
Any Brand

This system can be applied to the following equipment, including other crane brands.



How it works

Control: Depending on equipment type, the system either has a control panel or it is integrated to the crane’s control system.

Detection: Type of detectors are carefully selected based on the characteristics of the area to be protected. They can be either smoke or heat sensing.

Alarm: If a fire is detected, an alarm is given and the crane is shut down. Alarm can be given either through the operator panel or with visual and acoustic alarms.

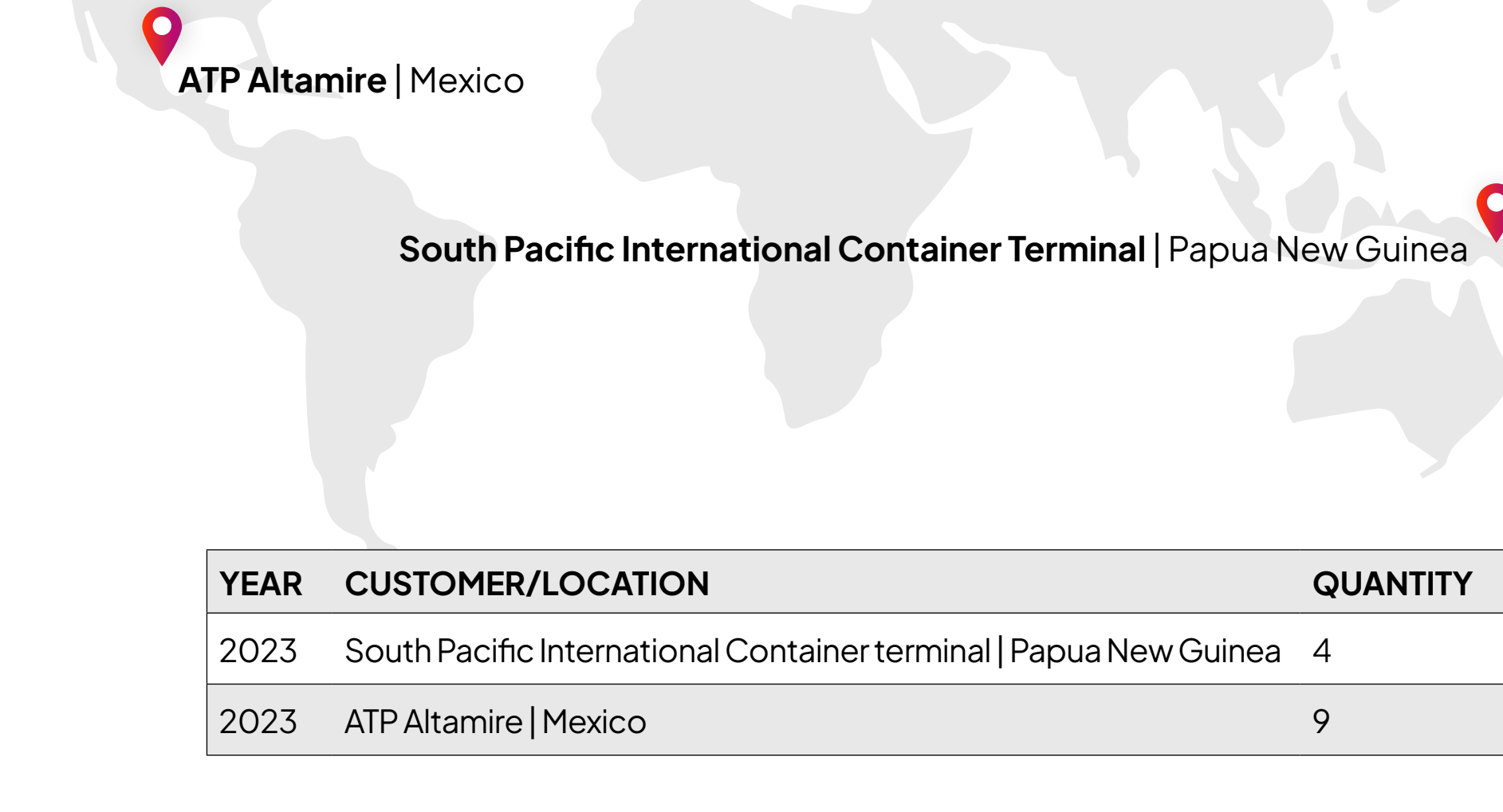
Suppression: Aerosol generators are automatically triggered by the sensors. Upon activation the solid aerosol compound is transformed into a rapidly expanding and non-toxic cloud of fire suppressant. The generators are guaranteed for a serviceable lifetime of 15 years. Fire suppression is accomplished by interrupting the chemical chain reaction of the fire, instead of depletion of oxygen.

What you need to know

- The system is designed according to your equipment
- Crane would need to be available to installation team at a safe work area on site
- Can be used in places with an ambient temperature ranging from -50°C to +75°C with humidity up to 98%



Selected References



YEAR	CUSTOMER/LOCATION	QUANTITY
2023	South Pacific International Container terminal Papua New Guinea	4
2023	ATP Altamire Mexico	9



Ports. Evolved.



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 16,500 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2025, Group sales totalled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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