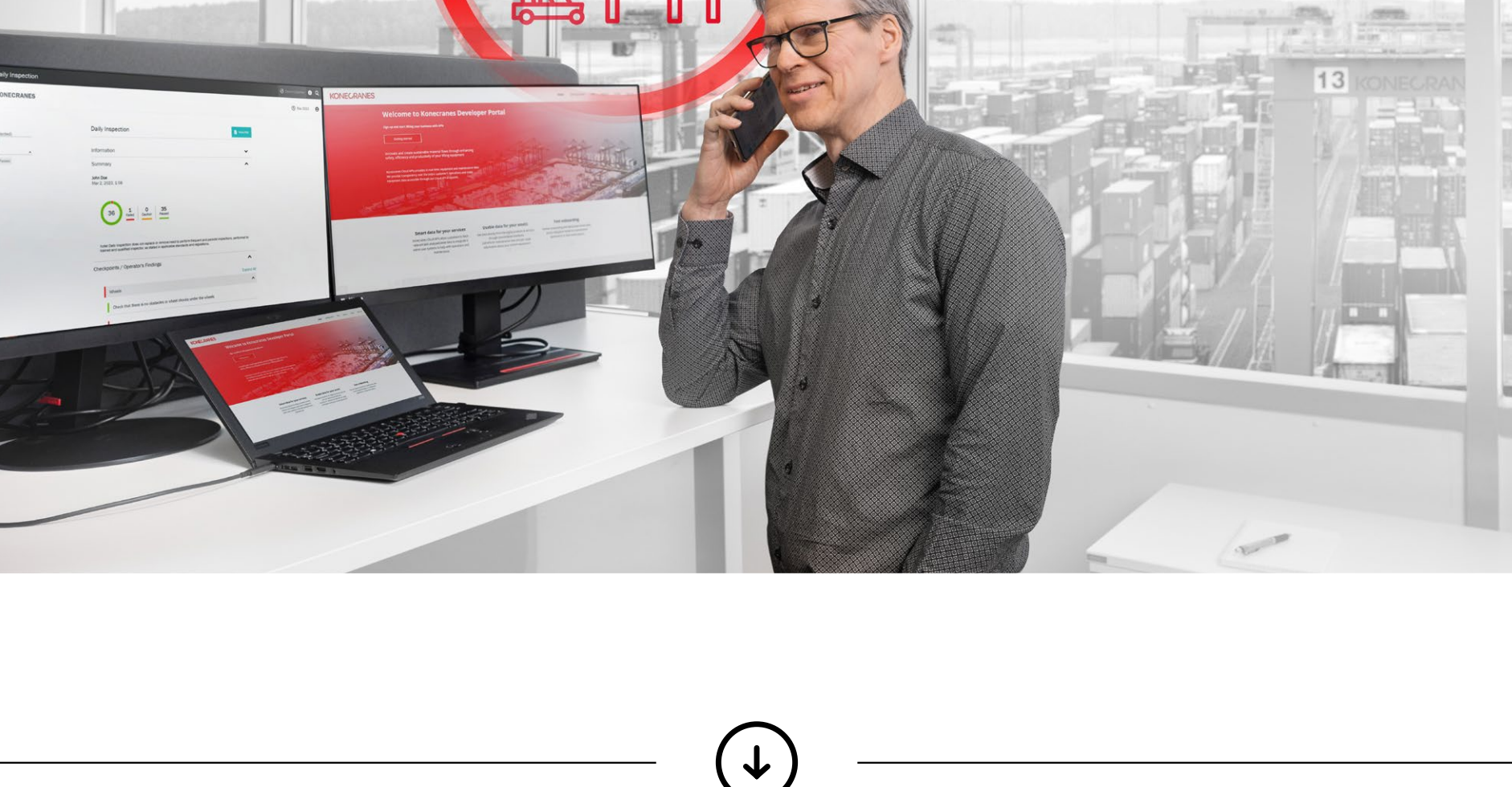


Drive & Control Retrofit

Package of changes that adapt an older crane’s computer, control, diagnostic and drive systems for the future.

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.



Drive and Control System Retrofit (DCSR)

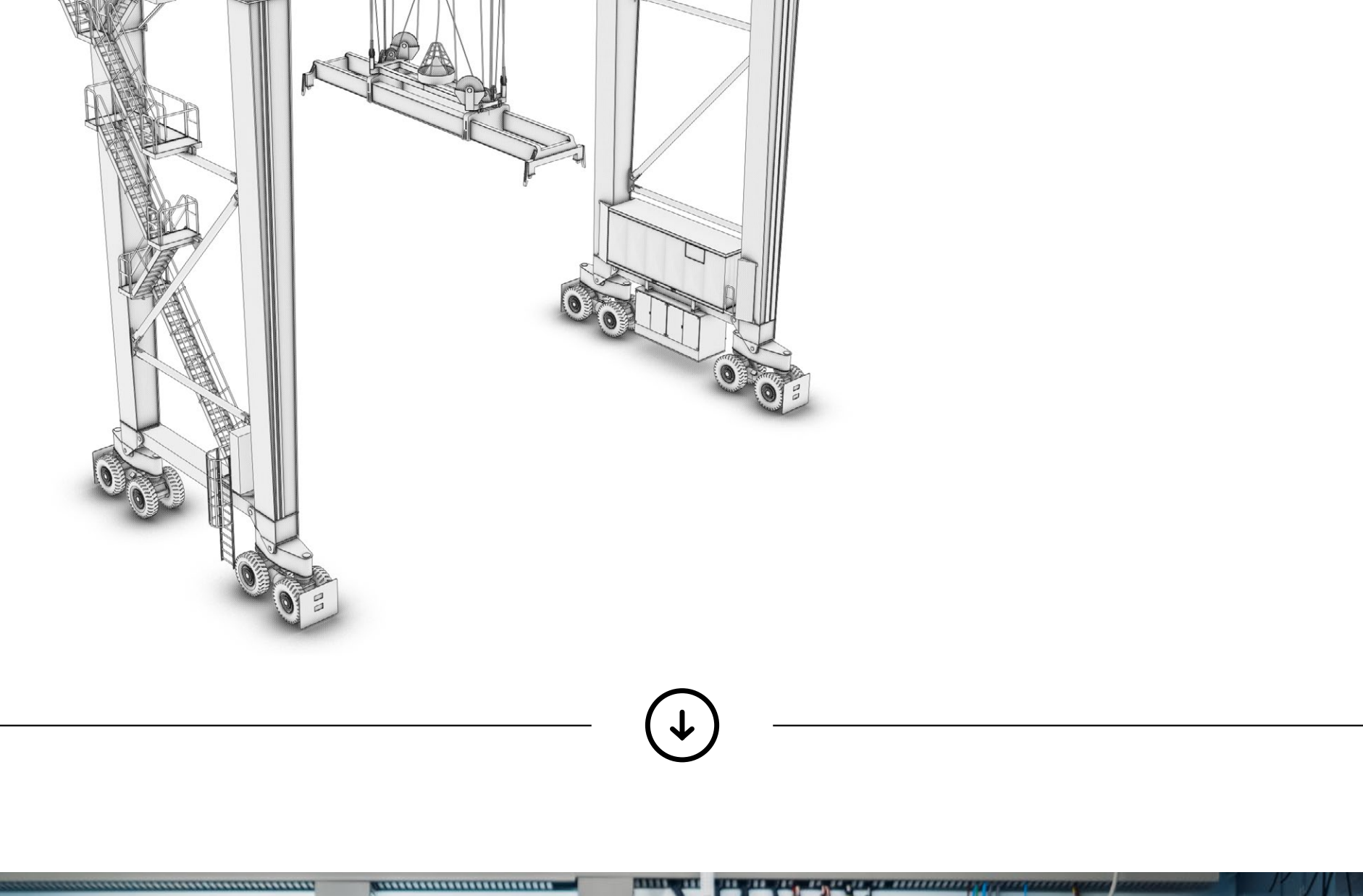
Future-proof your older RTGs with a new brain for your crane.



Benefits

- New Crane Management System (CMS) – that captures real-time usage and diagnostic data
- Crane is future-proof: ready for smart safety and efficiency features
- A new 4G CloudGate modem now enables remote services such as:
 - Online Remote Troubleshooting
 - TRUCONNECT® Digital Services
- Top-to-bottom inspection and assessment of all power, electrical, control and drive components
- Crane operations swifter and more reliable.

This is a standardized retrofit applicable to all Konecranes RTG2000 models.
RTG2000 Project Numbers G271 to G770.
Older cranes (G118–G270) may still be eligible for the standard DCSR, on a case-by-case basis.



Why do a DCSR?

- While the steel structure of an older Konecranes RTG is likely to last another 10–15 years*, the **electrical and processing equipment has aged dramatically.**
- DAV inverter drives and Siemens OP270/OP27 HMI panels are no longer in production. Therefore **parts for these important components are unavailable.**
- + DAV is replaced with new Konecranes **D2V drives** and a new **Siemens PLC system.**
- + A new **Profinet network** supports control of new generation devices
- + New Proface **operator touch-panel**, with faster response time and improved interface.

* Under normal usage conditions.

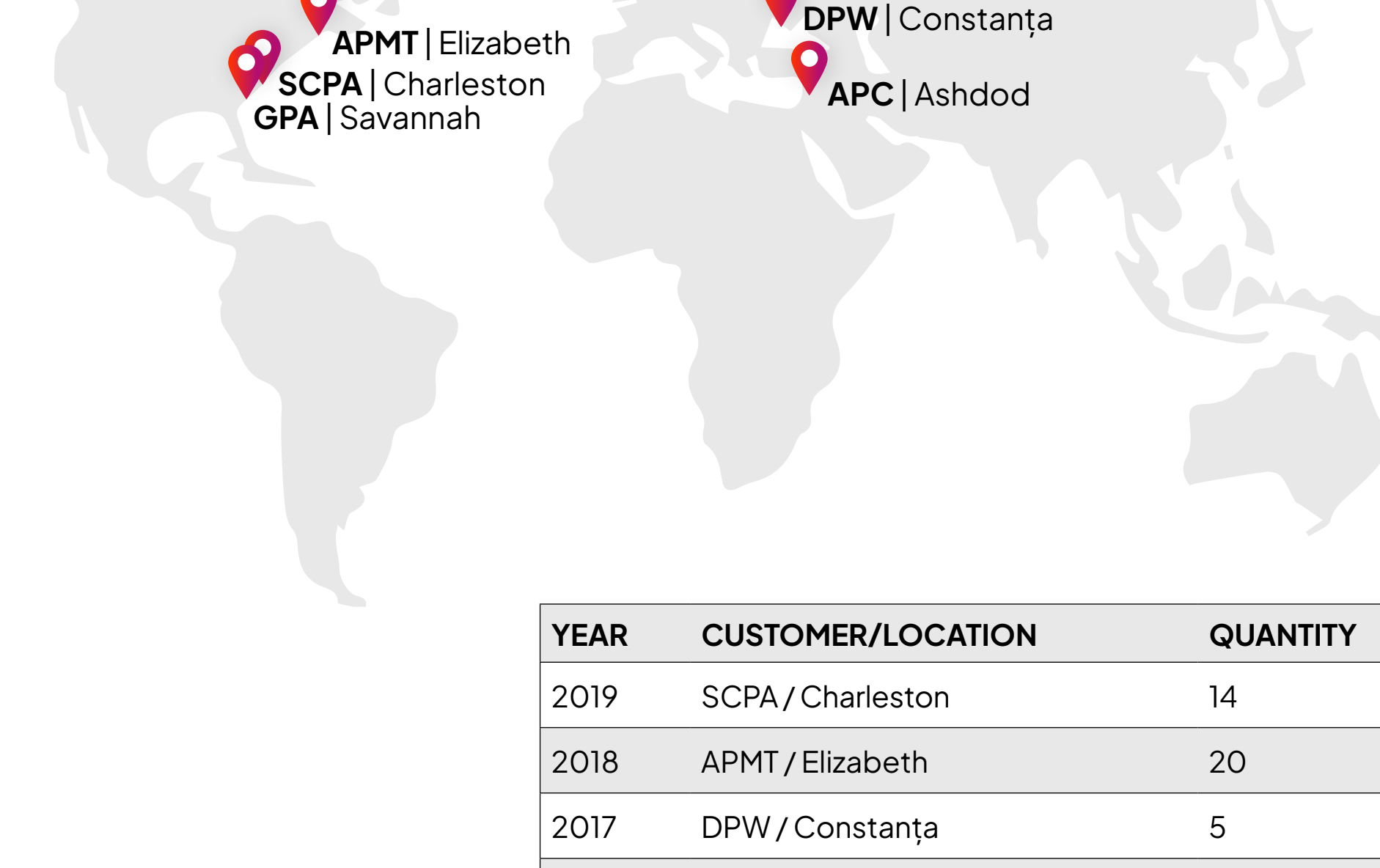


What you need to know

- RTG2000 DCSR is mandatory pre-requirement for RTG2000 Hybrid power pack retrofit.
- Premium Package is a mandatory pre-requirement for VSG power retrofit and Regenerative Busbar retrofit for RTG2000 and RTG_Oriental.
- Premium Package allows RTG2000 to have hoist, trolley and gantry motions at the same time (with reduced speeds).
- When you order this retrofit, you can add any of the other retrofits as options to add extra value to your retrofit project and further increase the functionality, safety, and performance of your Konecranes RTG.
- We recommend an electrification retrofit in conjunction with the drive and control system retrofit. Doing both at the same time will minimize downtime during the retrofit process, reduce the environmental impact of your RTGs, and reduce energy consumption.



Selected References



YEAR	CUSTOMER/LOCATION	QUANTITY
2019	SCPA / Charleston	14
2018	APMT / Elizabeth	20
2017	DPW / Constanța	5
2016	APC / Ashdod	24
2015	GPA / Savannah	15



Ports. Evolved.



Konecranes is a global leader in material handling solutions across 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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