

# AutoStrad Application

for End-to-end Operations

## Kalmar One

### Terminal Layer

As a standardised and flexible system, Kalmar One can be integrated with any Terminal Operating System (TOS) and all container handling equipment. Centralised equipment control system functionalities ensure optimal operations between automated equipment and TOS. Full integration between Kalmar equipment and the Navis N4 TOS [and future releases] means less time needed for on-site testing.

### Kalmar Key

The equipment and system agnostic Kalmar Key interfaces enable seamless data flow between systems, enabling you to build a holistic view of your data from multiple sources.

### Remote Console

With the ergonomically designed multi-purpose console, you can safely operate multiple equipment efficiently and comfortably from one desk.

Kalmar  
Cloud  
Gateway



## Kalmar One

### Yard Layer

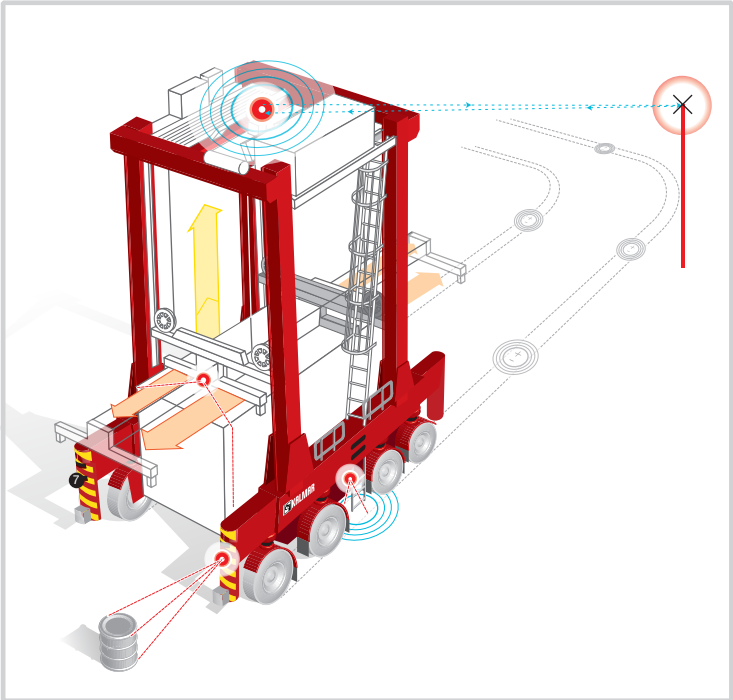
Contains all yard mounted components and systems for a fully or partly automated container terminal including interchange area, reefer mechanics and access control, ensuring safe maintenance with minimum disruptions to operations.

Safety light curtain

Truck driver kiosk

Truck lane measurement system

3D laser mast



## Kalmar One

### Equipment Layer

Proven and safe onboard devices and sensors take care of measurements and equipment positioning, ensuring sustainable performance in all weather conditions.

Wireless connection  
Geofence

POWERED BY  
**Kalmar One**