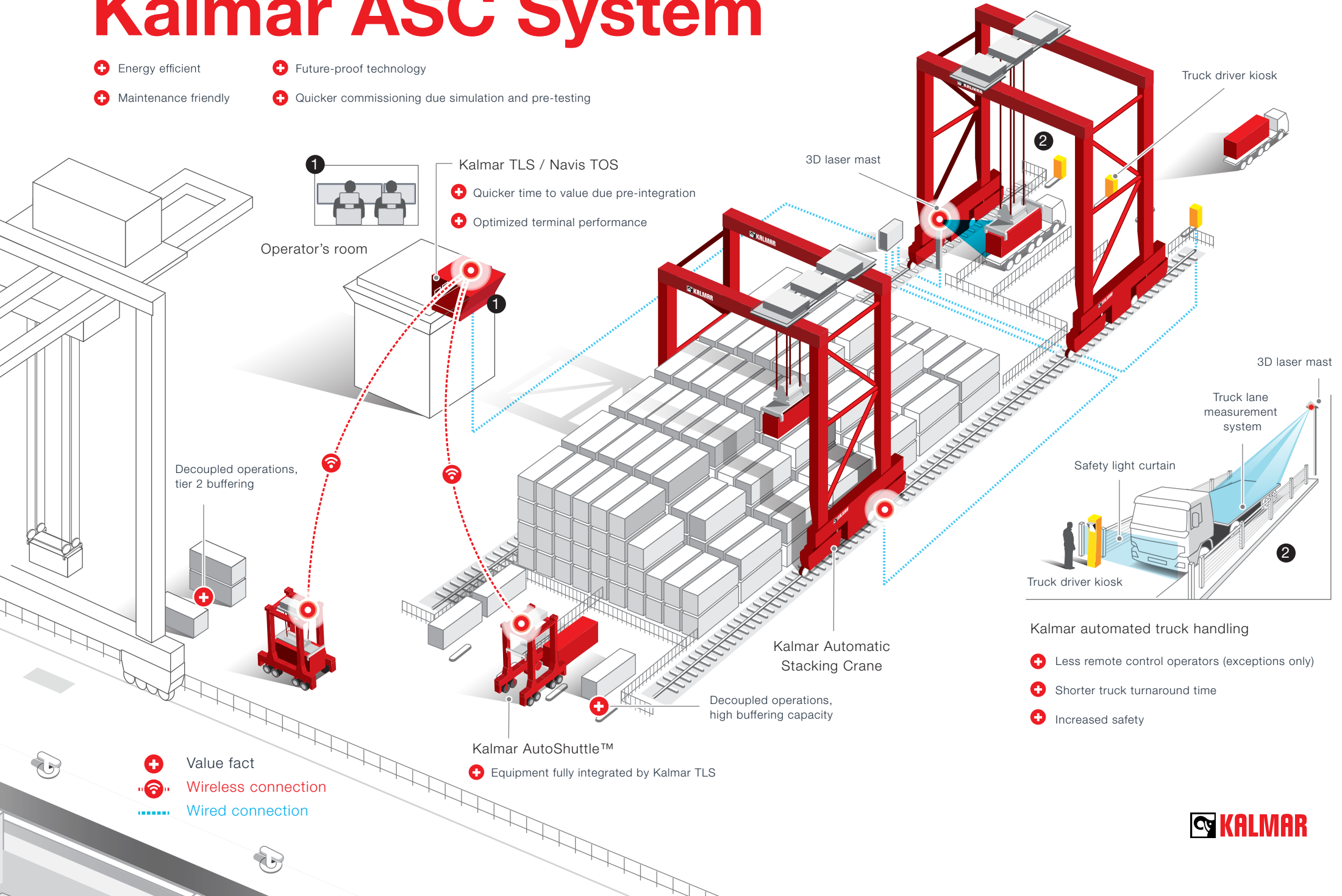


Kalmar ASC System

- + Energy efficient
- + Future-proof technology
- + Maintenance friendly
- + Quicker commissioning due simulation and pre-testing



- Kalmar TLS / Navis TOS
- + Quicker time to value due pre-integration
 - + Optimized terminal performance

1
Operator's room

Decoupled operations, tier 2 buffering

Kalmar Automatic Stacking Crane

Kalmar AutoShuttle™
+ Equipment fully integrated by Kalmar TLS

Decoupled operations, high buffering capacity

3D laser mast

Truck driver kiosk

3D laser mast

Truck lane measurement system

Safety light curtain

Truck driver kiosk

Kalmar automated truck handling

- + Less remote control operators (exceptions only)
- + Shorter truck turnaround time
- + Increased safety

- + Value fact
- + Wireless connection
- + Wired connection

