

ONE MODULAR GSE SYSTEM

For handling, maintaining, and transporting armament equipment

20 YEARS ON THE FLIGHTLINE

Built on more than 20 years of hands-on organizational-level (O-level) aircraft maintenance experience in the Israeli Air Force



SYSTEM ARCHITECTURE

THREE PARTS

One integrated GSE system

EQUIPMENT ADAPTER

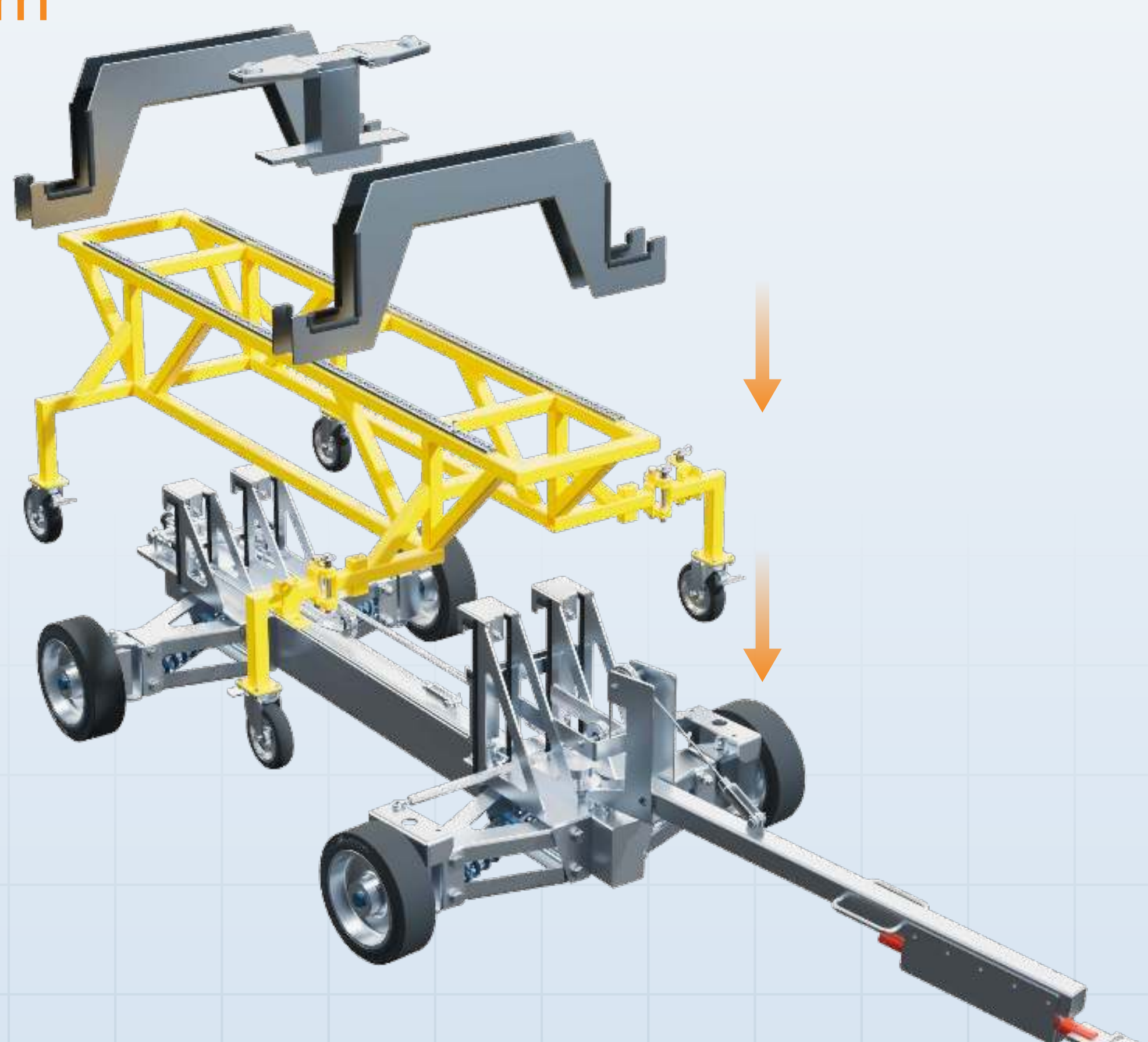
A purpose-built interface for the armament equipment required for the mission.

MAINTENANCE CART

A single work platform for I-level storage and maintenance, and O-level handling and installation.

TRANSPORT TRAILER

The towable base that carries the maintenance cart and its equipment across the air base.



Storage → Maintenance → Transport → Installation

OPERATIONAL CONTINUITY

TWO MAINTENANCE LEVELS. ONE WORK PLATFORM.

I - LEVEL

STORAGE & MAINTENANCE

O - LEVEL

HANDLING & INSTALLATION

SAME MAINTENANCE CART

MISSION CONFIGURABILITY

SWAP THE ADAPTER KEEP THE SYSTEM

A purpose-built adapter connects the maintenance cart to the mission-specific component.



Rail Launcher

Ejector Rack

Pylons

MAINTENANCE CART

Unchanged

TRANSPORT TRAILER

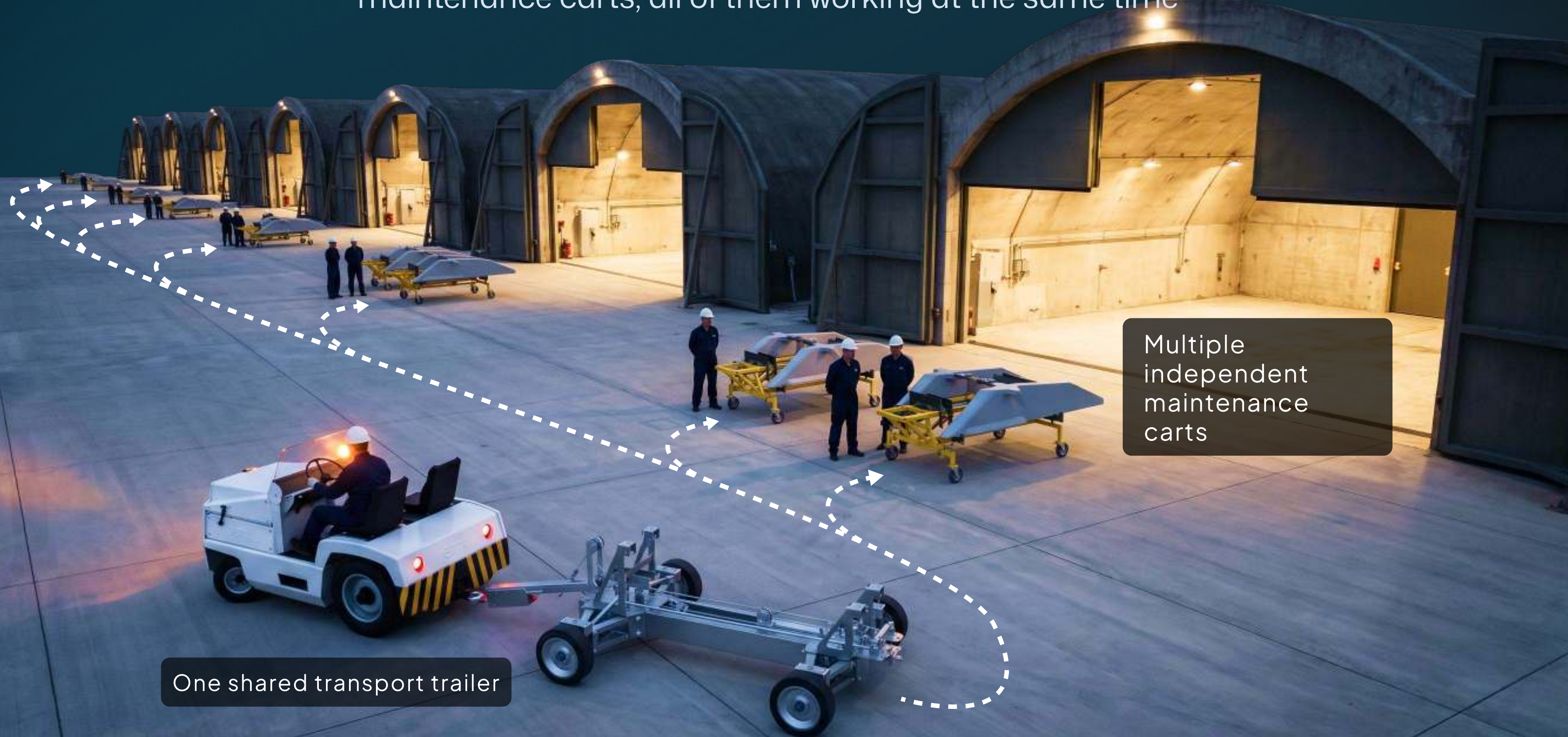
Unchanged

ONE SYSTEM
MULTIPLE MISSION CONFIGURATIONS

OPERATIONAL FLEXIBILITY

ONE TRANSPORT TRAILER MULTIPLE MAINTENANCE CARTS

A single transport trailer delivers and supports many maintenance carts, all of them working at the same time



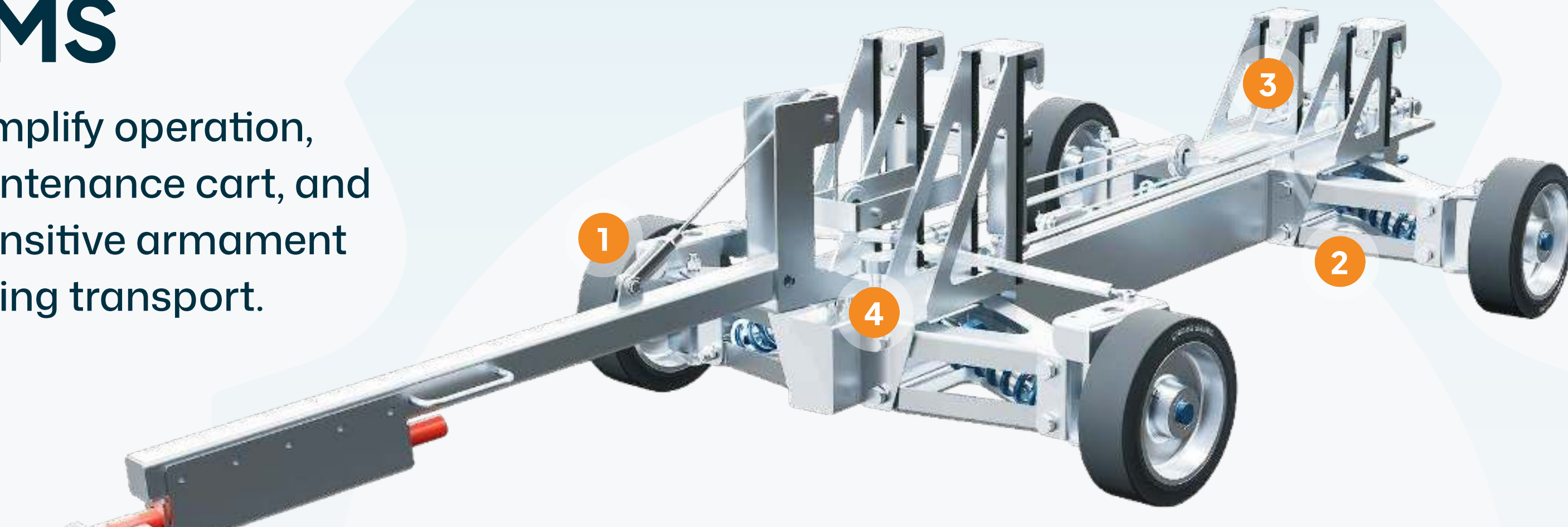
One shared transport trailer

Multiple independent maintenance carts

CORE ENGINEERING

4 INTEGRATED SYSTEMS

Designed to simplify operation, secure the maintenance cart, and help protect sensitive armament equipment during transport.



01 AUTO TOWBAR BRAKE

AUTO-LOCK ABOVE 15°

Raising the towbar above 15° automatically engages both rear-wheel brakes. When disconnected, the trolley remains securely braked.

02 INDEPENDENT SUSPENSION

INDIVIDUAL COIL-OVER SUSPENSION

Independent coil-over suspension on each wheel reduces road shocks and vibrations transmitted to the equipment, even at speeds up to 15 km/h.

03 LIFT & LOCK SYSTEM

SYNCHRONIZED LIFTING AND LOCKING

Two synchronized screw jacks raise the maintenance trolley. Quick-release pins lock both trolleys into one rigid transport unit.

04 ACKERMANN STEERING

2.4 m TURNING RADIUS

Ackermann front-wheel steering minimizes tire scrub and improves tracking & providing stable maneuverability within a compact turning radius.