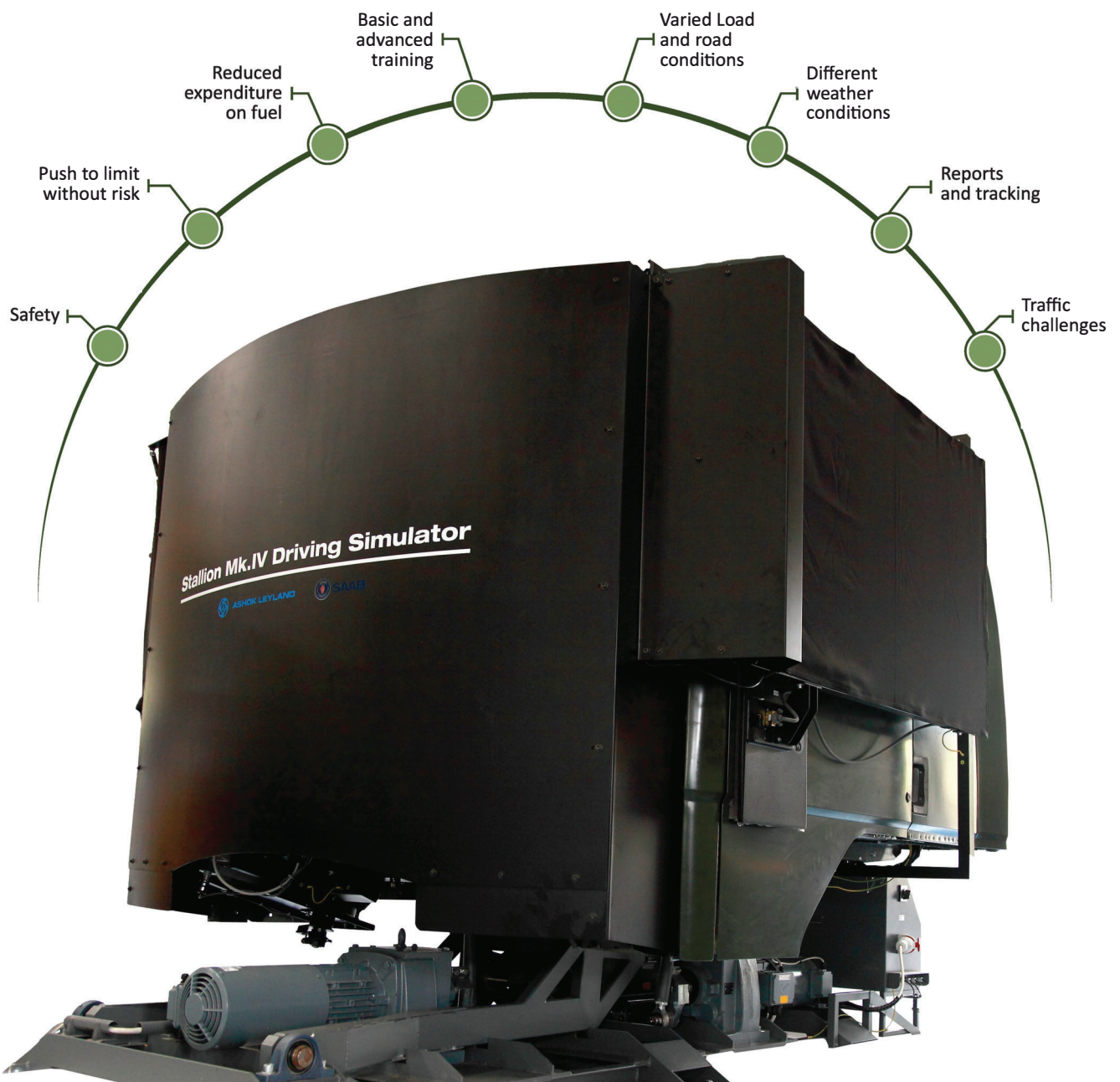# ALS Driving Simulator

State of the art ALS driving simulator developed with experience on the driver training, military vehicle applications and driver requirements. Data package and integrated software is developed based on the database of terrain, traffic, weather and day/night requirements with local manufacturing, maintenance and support.

- Basic and advanced training
- Varied Load and road conditions
- Reduced expenditure on fuel
- Different weather conditions
- Push to limit without risk
- Reports and tracking
- Safety
- Traffic challenges

Stallion Mk.IV Driving Simulator

ASHOK LEYLAND · SAAB

APPLICATIONS

MOTION PLATFORM
Agile 3 DOF motion base with heave, pitch and roll motions
Virtual driving experience with dynamic road conditions
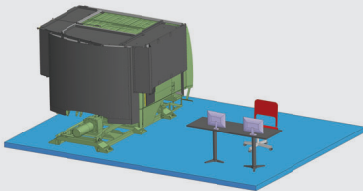Low maintenance, light construction and easy to install

CABIN & CONTROLS
Original ALS cab with active ABC, steering and gear shift
Original gauges and instruments
Real time surrounding including rear view mirror
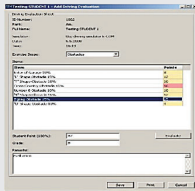Virtual real field of view

VIRTUAL PROJECTION SYSTEM
Immersive driving through real time scenarios
Flying screen display
Programmable dash panel
Visual presentation based on LED monitors

INSTRUCTOR OPERATING STATION
Configurable training program
Interaction with trainee in real time
Interjection of obstacles
Built-In Test Equipment (BITE) to component level

DATA PACKAGE AND INTEGRATION SOFTWARE
Vehicle data package with ABC controls, Gear shift, steering and brake controls
Driving data package with terrain, traffic, weather and day/night
Training package integrated with different scenarios

FEATURES

- Virtual real time driving experience
- 3 DOF Motion platform
- Flying screen TFT
- Operating Temperature: +10°C to +40°C
- Power input – 3x 230V / 400 V, 50-60 Hz, 32 A

OPTIONS

- 6 DOF Motion platform
- Head tracking device
- Eye tracking device
- Night vision training and use of NVDs