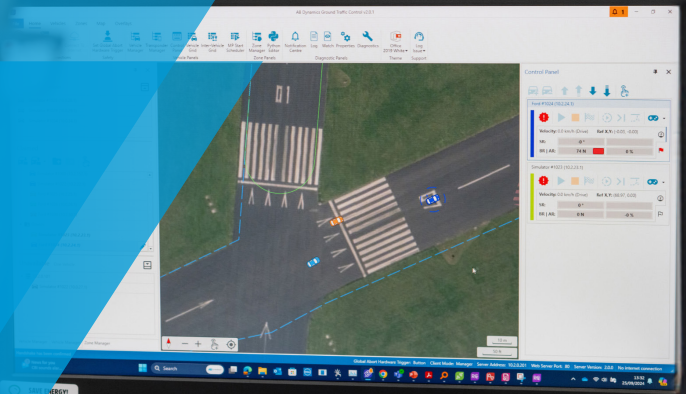


The essential software for monitoring and coordinating test traffic

GTC™ Core



Ground Traffic Control™ (GTC) is a centralised platform that provides a powerful and scalable solution for accurate monitoring and coordination of test track traffic, including robot-controlled vehicles and ADAS target platforms. GTC is now available in two variants: GTC Core and GTC Pro.

GTC Core provides a software-only solution designed specifically for ADAS testing, managing up to six test objects. It offers comprehensive control over test execution, allowing operators to start, stop, and resume all traffic or individual test objects with ease. By providing live tracking of connected vehicles and test objects from mobile units or base stations, GTC Core ensures operators have a constant, live overview of all ongoing activities, resulting in enhanced situational awareness.

GTC Core delivers enhanced safety and operational efficiency, all within an intuitive interface designed to streamline test track traffic management.



Real-time monitoring of vehicles and other test objects from mobile and permanent base stations



Multi-screen support and customisable screen layouts for optimised monitoring



Software only solution for rapid deployment



Auto-detection of vehicles improves situational awareness



All traffic can be stopped with one press of a button



Perfect partner for managing your ADAS tests, supporting up to 6 systems



Customisable map overlays, icons and live robot data



Compatible with AB Dynamics systems including driving robots, Flex-0™, SPT™, LaunchPad™ and GST™ products

Specifications

Maximum number of concurrent driverless systems connected	6
Manage test execution	Intuitive start, abort, stop and rejoin controls
Products supported	All PowerPMAC based driving robots, Flex-0, LaunchPad and GST products
Recommended installation	Mobile base station
Mapping	Microsoft Bing Maps or high resolution proving ground image map
Customisation	/ User definable vehicle colours and icons / Custom screen layouts
Real-time robot information display	/ Map view and vehicle cards / Customisable live robot data / Live inter-vehicle grid
Map overlays	/ Inter-vehicle lines / Stop zones / Path courses / Trajectories / Path visibility / Show/hide notification pins
Compatible accessories	/ USB abort button / Logitech driving force racing wheel and floor pedals / Microsoft Xbox controller / Logitech Extreme 3D Pro joystick / Thrustmaster USB joystick



About AB Dynamics

AB Dynamics is a leading global provider of automotive test and verification solutions that facilitate the development of vehicles that are safer, more efficient and sustainable. As part of the AB Dynamics Group of companies we enable customers to develop and test in virtual environments, validate on the track and then evaluate vehicles on public roads.

For more information:
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