![MAP Marine Technologies logo]

MAP PRO

Advanced marine autopilot system

MAP PRO is the first affordable and compact advanced marine autopilot designed to transform any manned vessel into a semi-autonomous unmanned vessel.
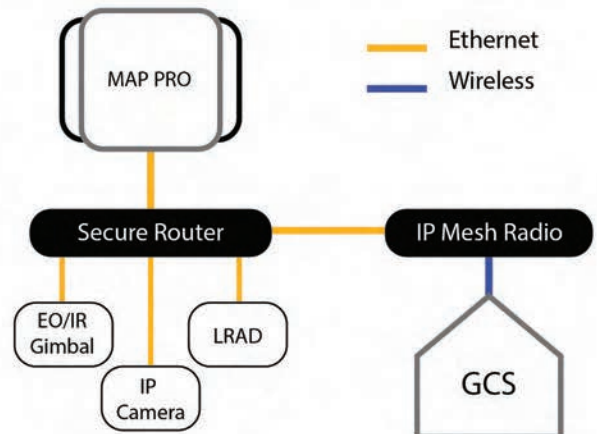
it is the first ITAR-free commercial remote vessel control solution on the market.

MAP PRO provides the ability to remotely upload and manage voyage plans, control throttle, steering and 3rd party sensors and systems on board the vessel.

The USV system is controlled remotely via a MAP Ground Control Station [GCS] or by integrating our control system into any existing customer's operation control room.

General Wiring Diagram

The Manned Vessel	MAP Pro	Ground Control Station	USV

MAP Pro conversions enable ownership and operation of a USV system without the extra costs of having to purchase a new vessel and parts for compatibility

MAP Pro by MAP-Tech is an advanced marine autopilot that provides autonomous capabilities to any vessel.

With an integration plan, it also allows for remote control of any sensors such as cameras, radars, sonars, etc from the Ground Control Station [GCS] through a secure router

The Ground Control Station [GCS] can come in different forms depending on the operational requirement and existing available equipment.

It can range from a regular laptop to a comprehensive & mobile station built within a 20ft container, amongst several other possibilities

With the integration of MAP Pro, the vessel is now converted to an Unmanned Surface Vessel [USV] that is able to follow course made up of waypoints that are predetermined and pre-routed at the GCS by an operator.

The system equips you with the ability to operate a vessel or multiple vessels simultaneously suited for several applications such as security, patrolling, surveying, target practice and other naval activities.

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About MAP-Tech

Marine Auto-Pilot Technologies is the product of many years of successful development born out of a requirement to provide uncomplicated, unrestricted and available USV solutions for the Marine Protection & Surveillance sector.

As a long-standing commercial maritime manufacturer with its own in-house marine and software engineers, MAP-Tech's primary focus is to provide simple, versatile and affordable products that can be operated easily by any and all end users.

To this end its strategy has been largely successful. MAP-Tech products, consisting of autopilot devices, USVs, Target Boats as well as other associated services, are now available and affordable to a global market.