

# TerrusM

## Map to cloud, it's seamless work.

Create rapid digital twins, with or without gps, of challenging and harsh environments with ease using the GeoMap. The GeoMap supports both on-the-go mapping for reality capture as well as controlled survey maps using gcp's where global accuracy is paramount. Be the first to reliably capture geospatial data in never before seen environments to give your geospatial team the edge in asset management and geospatial process optimisation.



The GeoMap sensor platform is built on CSIRO's state of the art Wildcat™ localisation and mapping engine to provide best in class accuracy and robustness in the most challenging environments. Leveraging over 10 years of research and development, the latest generation of vehicle mapping systems has arrived.

Built tough with industry in mind, the GeoMap system is designed to run in the field. Whether it be via 4G LTE or via Wifi, effortlessly capture, see and share geospatial map data.

With the complexity of capturing, managing and sharing large clouds of geospatial information completely evaporated, teams can now focus on what they do best. Build an enterprise geospatial pipeline to automate key spatial tasks and cement yourself with a firm competitive advantage.

### Industries

Construction  
Mining  
Port & Plant  
Rail



### Sensor Specifications

Range	100m
File Type	Las or Ply
IP Rating	IP 65
Operation	Real-Time
Weight	2.4kg
Cameras	4 Colour Camera's
LiDAR	Rotating Vlp-16
Local Resolution	10-30mm
Points/Second	300 000**
Power	12-42 vdc
GPS Solution	Optional

### Terminal Specifications

Size	11'.6'
Interface	Touch Screen
Hdd	2Tb
WiFi	802.11 abn
RAM	32Gb
Graphics	512-core Volta GPU
CPU	8-core ARM 64-bit
Power	12-36 vdc

### Vehicle Configurations

Roof Rack Mount
Suction Cap Bonnet or Roof Mount
Mechanical Bracket
Roof Bracket
Custom Fixings

\*Without GPS, global accuracy is dependent upon environment factors

\*\* 300 000 points in single return mode, 600 000 in dual return mode.

# GeoFuse

## Bootstrap machine learning with real data.

Providing the core shared elastic store of data for downstream processing, the GeoFuse enterprise application is a flexible, robust tool to manage any large operation.

By having the option to store and manage all of your geospatial data on-site; you will give all teams the capability to manage complex operations with full control of critical infrastructure.

With no limits on the number of users or the number of files that can be stored, the GeoFuse application is the perfect geospatial gateway for downstream machine tasks that improve operations.



### Platform Specifications

Operating System	Ubuntu 18.04 LTS
Web Container	Tomcat v9
Dependencies	MySQL, ReactJs
HDD	2Tb+
CPU	i5+
App Format	WAR

