



FARMMAP4D PREMIUM

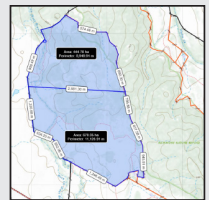
FarmMap4D Premium is our top of the range farm mapping product. This is suitable for established livestock farmers wanting to actively manage land, land infrastructure and livestock performance. Premium offers digital mapping of infrastructure, downloadable reports of maps and data, time series ground cover satellite analysis, elevation profiling tool for fences and water pipelines, water distance analysis, safe carrying capacity and user training and support services.

Features

- ✔ **Digital Farm Mapping:** Use high-resolution imagery to map all your farm infrastructure assets and paddocks. Create a detailed asset register and reports on the length of fences, area of paddocks and depreciation schedules. Plan new infrastructure. Produce high quality maps ready for printing to give to your bank manager or load onto a smartphone. Export and share your digital farm map and infrastructure with other software using industry standard formats.

- ✔ **Property Infrastructure Analysis:** Rapidly analyse your water and fencing infrastructure in terms of distance, access, and seasonality. Plan where pipes and troughs will be put based on terrain and slope, and accurately calculate the length of pipe or fencing over the actual terrain surface. Cost capital expenditure plans based on scenarios which are saved for reference. Save days and weeks of driving, and costly GPS surveys. Download plans to your GPS or smartphone for field verification and monitoring.

- ✔ **Summary Reporting:** The Summary Tables tool allows you to pick from a drop-down list of standard tables that can be saved to your computer and opened in a table-viewing program such as Microsoft Excel. An asset register can be displayed describing detailed information on either the point or linear assets of the property – including water points, yards, fences, pipelines, roads and paddock summaries. These tables can be used throughout the year for planning stocking rates, reviewing capital expenditure requirements and other management decisions



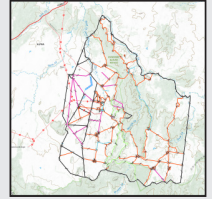
Type	Name	Build date	Data source	
Pump	color	N/A	Satellite imagery	
Gate	Rail Dam	N/A	Satellite imagery	
Water tank	Black Tank	N/A	Satellite imagery	
Water trough		11/02/19	ContourMap	
Water trough			N/A	Satellite imagery
Water trough	Spitfire 142	N/A	Satellite imagery	
Water trough	Pink Dam	N/A	Satellite imagery	
Water trough			N/A	Satellite imagery
Gate	Indochinese Dam	11/02/19	Satellite imagery	
Gate	Old Dam	N/A	Satellite imagery	
Gate	6 Mile Dam	N/A	Satellite imagery	
Water trough			N/A	Satellite imagery
Gate		11/02/19	Satellite imagery	
Gate			N/A	Satellite imagery
Gate	Franklin Dam	N/A	Satellite imagery	
Gate	Henley Dam	N/A	Satellite imagery	
Gate	Holding Paddock	Old N/A	Satellite imagery	
Water trough			N/A	Satellite imagery
Gate	Curving Dam		Satellite imagery	
Waterline	DC 1414	11/02/19	Satellite imagery	
Gate	Rocky Dam	N/A	Satellite imagery	

Find out more on our website or contact us via email

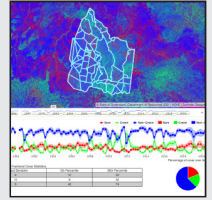
farmmap4d.com.au info@farmmap4d.com.au

Features

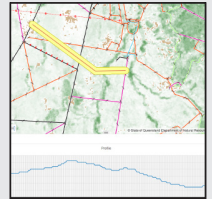
✔ **Georeferenced Screenshot:** Maps of specific areas of your property can be georeferenced screenshot to be accurately geographically placed. The downloaded screenshot can be emailed to a smartphone or tablet and opened in a free App such as “Avenza Maps Mobile”. If you are physically located on your property your location will come up and follow you as you move. Importantly, you do not need mobile network or wifi for the system to operate – you just need to ensure your phone or tablet location and GPS is enabled.



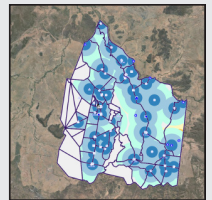
✔ **Times Series Satellite Analysis:** Use satellite imagery products to analyse various seasonal cover results on your property over the last 30 years. The tool extracts out the modeled proportion of a satellite grid cell which is photosynthetic vegetation (green), non-photosynthetic (blue) and bare ground (red). The analysis has several options including fractional cover, fractional ground cover, persistent green, decile total and decile green. The tool works as a base for deeper understanding of pasture growth potential, safe long-term carrying capacity and impact of fire disturbance and drought.



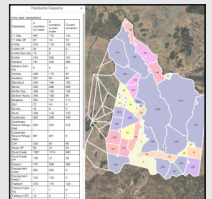
✔ **Profile Elevation Tool:** To examine how to connect a new proposed trough to an existing dam you can use the Profile Tool to plan a linear infrastructure route which generates a profile along the route, the along ground distance (as opposed to horizontal) as well as an interactive elevation height profile. This can be very useful in accurately defining the type and length of pipeline required and any associated pump infrastructure. The profiling tool is also very useful in mapping and planning new fence infrastructure – particularly over large and undulating terrain.



✔ **Distance from Water Analysis:** The grazing intensity of livestock is highest close to a water point and decreases as livestock moves away from it. Distance from a Water Analysis tool (grazing circles) allows you to estimate the proportion of your paddocks that are likely to be productively grazed. This tool combines water points, specified circle distances and fence lines to calculate where pasture utilization is likely to be most intensive down to least intensive. This is a very popular tool for large graziers needing to optimize water infrastructure and carrying capacity.



✔ **Long-term Carrying Capacity:** Bring together land type, grazing circles, infrastructure and land condition information to estimate current and potential long-term safe carrying capacity for each paddock and land type within a property. Use this information to estimate overall cost of investment, increases in production and return on investment. Provide your bank with detailed maps and outputs on how investment and management is going to improve your production and sustainability.



farmmap4D
SPATIAL HUB

The benefits of FarmMap4D



Secure online access

Access comprehensive time series satellite and onground data securely through a simple online interface.



Map and monitor

Map and monitor ground cover, land infrastructure and changes in farm management practices to better understand your business.



Tailor analysis

Tailor proprietary applications to analyse and improve farm management profitability and investment decisions.



Improve sustainability

Support decisions on long-term safe carrying capacity and systematic monitoring of ground cover dynamics.

FarmMap4D data management tools

	Premium \$900+gst/year	Standard \$500+gst/year	Lite \$300+gst/year
Digital Farm Mapping	+	+	+
Property Infrastructure analysis	+	+	+
Landsat, Sentinel and ESRI Overlays	+	+	+
Base Map Layers	+	+	+
Summary Reporting	+	+	+
User Training, Support and Mapping Services	+	+	+
Georeferenced Screenshot Capability	+	+	+
Export Infrastructure Data	+	+	
Times Series Satellite Analysis	+	+	
Ground Cover Percentiles	+	+	
Regional Ground Cover Comparison	+	+	
Profile (elevation) Tool	+	+	
Land Type Mapping and Analysis	+		
Custom Map Tool	+		
Distance from Water	+		
Long-term Carrying Capacity	+		

Find out more on our website or contact us via email



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