

REGIONAL WINNER

INSIGHT GIS WITH MARINE AND SAFETY TASMANIA MAST GIS

What was the problem?

MAST is the statutory authority in Tasmania that ensures the safe operation of vessels, provides and manages marine facilities and manages environmental issues relating to vessels. MAST wanted to increase their access to location-based information. The existing system was limited to 3 users and was considered inadequate. Improved access was required for MAST admin staff, field officers and the general public.

Ultimately, MAST needed a more efficient way of managing and charting moorings which helps with customer enquiries, resolving disputes, assessing new applications and field auditing.

What were the key outcomes?

MAST GIS has allowed MAST to improve the access and use of information to their organisation, mooring owners and to the public, making it faster and spatially informed e.g. proximity of moorings to other moorings, navigational aids etc).

How did you address it?

The system has now been extended to include Navigational aids – makes the public (boaties) aware of what is the equivalent of road signs on highways and a chance to familiarise themselves with their meaning.

Marine Leases – location of marine farms to assist MAST managing and making decisions about water activities and environmental issues relating to vessels.

Mooring Contractors – those responsible for mooring maintenance were given access to information relevant to the contracted services.

Future plans include Marine Facilities (Ramps, Jetties, Wharves etc) for public viewing and for internal facilities management systems. The public view will deliver a single authoritative source of information.

For more information about this project or to contact Land Solution Australia please visit their website:

insightgis.com.au or <https://www.mast.tas.gov.au/moorings/mast-web-based-mooring-gis-mapping-system/>

