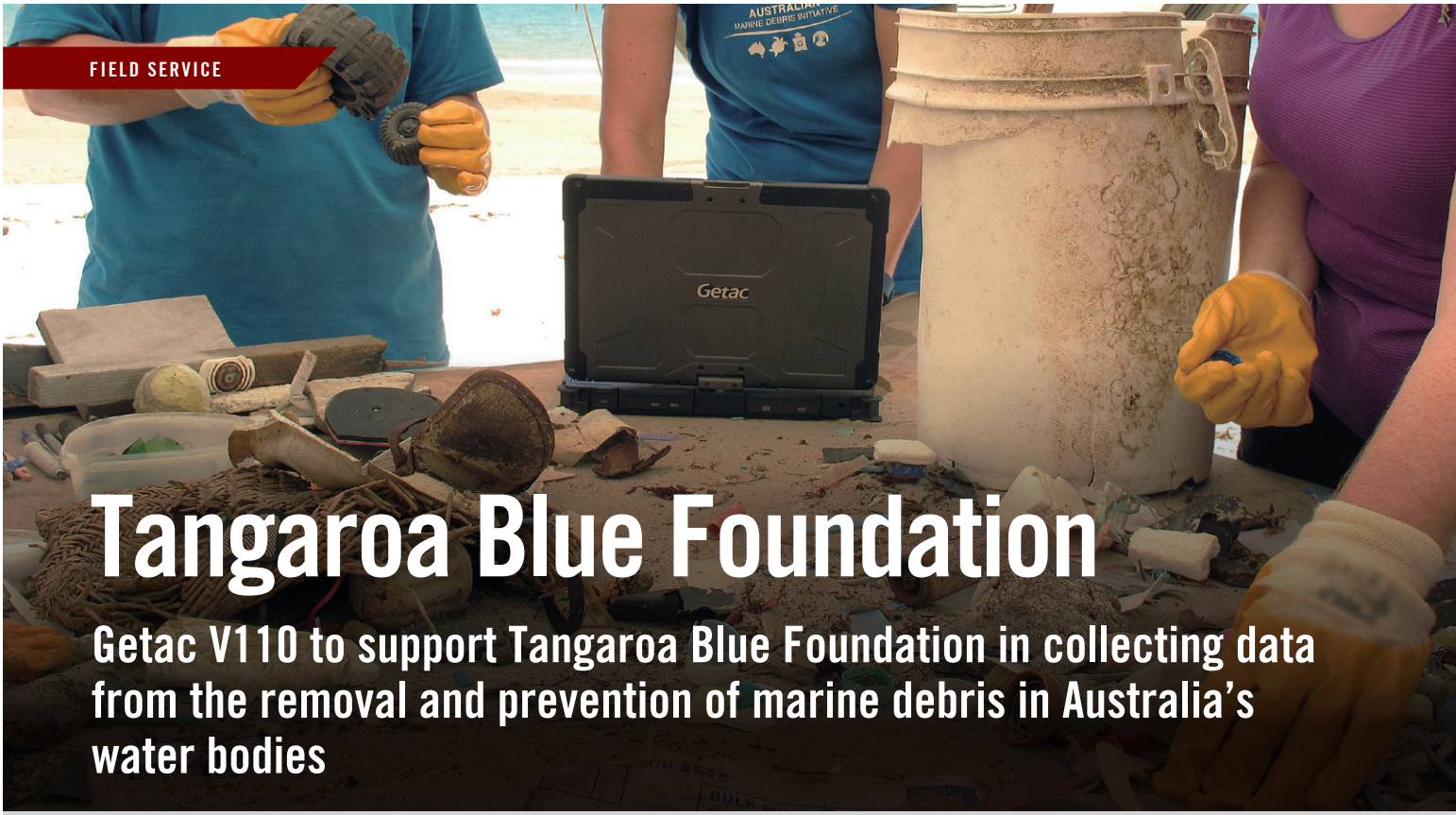
Getac

Rugged Mobile Computing Solutions



FIELD SERVICE

Tangaroa Blue Foundation

Getac V110 to support Tangaroa Blue Foundation in collecting data from the removal and prevention of marine debris in Australia's water bodies

/ Challenge /

Tangaroa Blue Foundation is an Australian-wide not-for-profit organisation dedicated to the removal and prevention of marine debris. The Foundation created the Australian Marine Debris Initiative (AMDI), which main purpose is to contribute data from rubbish collected at beach and river clean-up events, and develop solutions to stop the flow of litter at the source. The harsh outdoor weather conditions in Australia's beaches, islands and rivers – from summer to winter, from rainy seasons to scorching heat waves – require the use of ruggedised devices that could perform under such working environments. Tangaroa Blue Foundation understood the need to digitalise their data collection methods to ensure accuracy and efficiency.

/ Solution /

AMDI equipped its team with Getac's V110 laptop, combining mobility, multi-functionality and performance to combat the drastic conditions and meet the needs of productivity. The V110, built from high quality magnesium alloy, weigh only 2.1kg and sized at 12.32 x 9.37 x 1.53-inch. Apart from being able to deliver an amazing level of CPU performance, it features four main casings specifically engineered to protect the computer against drops, shocks, heavy rain, vibration, dust and more.

/ Benefits /

The display of V110 guarantees clarity under direct sunlight and uncompromised touch sensitivity to gloved fingers, allowing the volunteers to work without a hitch. With their sleek built, the devices also enable the volunteers to carry the rugged devices in long periods of time so as to efficiently register real time data and ensure accuracy.

/ Quote /

"We have been using Getac units for over 6 years, they have made a massive difference to the way we collect data in the field, improving efficiency and accuracy. We've always received fast and reliable service from the Getac team, which meant minimal downtime during servicing of equipment or troubleshooting. "

Heidi Tait - Managing Director

Getac V110
Fully Rugged Convertible

/ Challenge /

Tangaroa Blue Foundation is an Australian-wide not-for-profit organisation dedicated to the removal and prevention of marine debris, which is one of the major environmental issues the world is facing. In an effort to assist in solving the problem, they created the AMDI, an on-ground network of volunteers, communities and organisations that contribute data from rubbish collected at beach and river clean-up events to the AMDI Database, and then work on solutions to stop the flow of litter at the source. AMDI helps communities look after their coastal environment by providing resources and support programmes, and collaborates with industry and government to create change on a large scale.

To identify the source of marine debris and litter, the volunteers work around various regions in Australia, from Cape York to Port Phillip Bay in Melbourne, through four seasons, and used to use only paper data sheets to keep track of the records. However, the traditional way proved to be inadequate as the sheets were easily misplaced, could not withstand the exposure to rain, salt, and sand, and were subject to wear and tear. Extreme weather conditions also put a regular computer's durability and reliability to the test.

When the environment proved to be difficult to keep track of the records, it was challenging for the team to ensure accuracy. Besides the risk of losing the data due to rain, it decreased the efficiency of data processing, causing disruption to work.

/ Solution /

AMDI equipped its team of volunteers with Getac's V110, which combines mobility, multi-functionality and performance to combat the extreme environment and weather, to meet the needs of productivity.

The V110 rugged laptop. Weighing just 2.1kg and 12.32 x 9.37 x 1.53-inch in size, V110 can be configured with either the latest Intel® Core™ i5 or i7 processor, delivering an amazing level of CPU performance. The laptop also feature LumiBond 2.0 touchscreen technology, which bonds the display glass with the touch panel and LCD, creating a single pane that is more durable and readable, and offers better contrast and more crisp colours. It features four advanced touch modes (Touch/Rain, Glove or Pen mode, plus an optional Digitiser mode), and the hard-tip stylus offers precision to note-taking. With the waterproof membrane keyboard and red backlight, it allows the user to type accurately even in the dimmest conditions. The V110 also enables the team to consolidate all data from various units and submit to the AMDI database, keeping in touch with the world while they are out in the field.

/ Benefits /

The robust V110 features unique, hot-swappable dual-battery design that allows continuous usage, without the need to charge in between. This makes it convenient for long field trips. Built from high quality magnesium alloy, the V110 features four main casings specifically engineered to protect the device against drops, shocks, heavy rain, vibration, dust and more.

Getac's rugged devices provide a total solution that fully supports the AMDI volunteers as they travel around Australia to efficiently collect and process data on the source of marine debris and litter.

/ About Tangaroa Blue Foundation /

Tangaroa Blue Foundation is an Australian registered charity focused on the health of our marine environment, and coordinates the Australian Marine Debris Initiative, an on-ground network of volunteers, communities, organisations and agencies around the country monitoring the impacts of marine debris along their stretch of coastline.

The programme started in 2004 and have removed more than 16 million pieces of marine debris from the Australian coastline and data on this debris collated and input into the Australian Marine Debris Database. The Foundation supports communities, organisations, agencies and schools including training, clean up materials and logistical support, educational resources and analysis of the debris they found.

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