



PROTECTING PEOPLE AND ASSETS

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Enterprise, AL, October 25, 2022

Enterprise Electronics Corporation (EEC) Awarded Contract to Deliver C-Band Defender Weather Radar Network to New Caledonia

ENTERPRISE, AL, October 25, 2022 – EEC is pleased to announce it has been awarded a contract to deliver three new Defender C350 Doppler weather radar systems and associated services to the Meteorological Service of New Caledonia (SMNC). New Caledonia is a unique autonomous collectivity of the overseas territories of France, located in the southwestern Pacific Ocean, about 1,500 km east of Australia. This new weather radar network will replace the three existing EEC-supplied single polarization weather radars, which have been operating since 1998 and are integrated with the Météo-France Castor 2 radar data processing and monitoring system.

The three new radars will be installed at sites located in the North of New Caledonia, Nouméa and the remote island of Lifou. The operation of these new systems will perfectly align with SMNC's mission to produce meteorological information for the safety of New Caledonian people and property, provide meteorological services to the aeronautical industry, as well as supply products and services for the general public, the media, the economy, education, and research, both at national and international cooperation levels.

EEC's Vice President of Global Sales, Mr. Kurt Kleess, expressed "EEC's eagerness to ensure the success of the implementation of this weather radar network, which will improve New Caledonia's early-warning capabilities and protect its people and assets from the impact of devastating severe weather." New Caledonia's tropical climate is characterized by extended

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periods of record rainfall and dry periods, as well as the impact of seasonal South Pacific tropical depressions and cyclones, which can cause winds to exceed a speed of 100 kilometers per hour, with gusts of 250 kilometers per hour and very abundant rainfall. During the last tropical cyclone season (2021-2022), 4 cyclones significantly impacted New Caledonia : Ruby, Eva, Dovi, and Fili.



EEC Defender C350 C-Band Weather Radar Antenna

EEC's Defender C350 weather radar antenna, pedestal, and transmitter assemblies will be integrated with our partner GAMIC's ENIGMA Digital Signal Processor (DSP) and Intermediate Frequency Digitizer (IFD), FROG-MURAN Software Suite, local and remote operations workstations, displays, and communications interfaces.

The customized network design will provide unattended, real-time operations of each radar via remote control, calculate precipitation accumulations over user-defined areas and periods, and transmit radar products to the SMNC forecasting center in Nouméa. Furthermore, products can be generated upon customer request to feed Météo-France's AROME numerical forecast model, as well as their future SERVAL hub located in Toulouse,

France.



GAMIC'S FROG-MURAN weather radar software suite and Webview display

The New Caledonia weather radar network will be installed and commissioned over the next four years and the project will be managed from EEC's office in Melbourne, Australia. This physical proximity will ensure that these weather radar systems receive the fastest response time from EEC with any future technical support or maintenance issues.

About EEC

EEC is recognized as the world leader in the meteorological radar field since its inception in 1971 with more than 1,200 radar systems manufactured and delivered in the United States and over 100 countries worldwide. Celebrating over 50 years in operation, EEC has consistently led the industry worldwide in the introduction of the latest available technology to enhance radar and data processing performance. A strong focus on innovation and technology infusion into the product line continues to be a driving factor in EEC's leadership in the weather radar market. EEC's products and capabilities can be viewed at www.eecweathertech.com. Be sure to follow EEC on social media at the following links:

- Facebook: <https://www.facebook.com/EECRadar>
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