STI Engineering
Communications & Electronics Engineers

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STI Engineering Completes Major Project

STI Engineering has completed the manufacture and supply of a total of 175 x 250W VHF FLEX™ paging transmitters to upgrade a State Government Emergency simulcast paging network.

The overall project and ongoing services to upgrade and manage the State-wide radio network is handled by a third-party, and is valued at more than AUD$175 million.

The upgrade and management services will deliver considerable, long-term benefits to more than 20 public agencies that depend on the network to keep communities safe, including country and metropolitan fire services, police, ambulance and state emergency services. The network will provide 99.999% availability to emergency services and ensure teams can communicate reliably to coordinate responses, whether managing day-to-day operations or in times of crises.

Johan Svean, Managing Director of STI Engineering, said the project was important for the company to cement its place in the market as the world's leading provider of high-powered, high reliability paging transmitters. The company has seen a resurgence in demand large-scale simulcast paging networks over the last couple of years, having delivered more than 500 transmitters for the Victorian Emergency Alerting System in 2014 and recently been awarded several supply contracts for nationwide network upgrades in Europe.

"Whilst the technology behind it may not be groundbreaking, it goes to show that paging is still the quickest and most efficient way to notify thousands of personnel in the event of an emergency. It seems private Government-operated paging networks will always have a place due to their unrivalled availability and reliability at peak times and in the event of disasters" Mr Svean said.

The RFI-148 250 paging transmitter offers the system class-leading usability and diagnostics with integrated isolator for VSWR measurements, SNMP diagnostics, remote firmware upgrade capability and an off air decoding port for message transmission confirmation by external receiver/decoders. The MTBF of the transmitter to industry leading standards will ensure high availability, reliability and longevity for the paging system.

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