An Garda Síochána monitor TETRA network performance with Aries survey tools

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Ireland's national police service, An Garda Síochána, has taken delivery of RSI's Aries TETRA and Aries LTE network performance survey tools for monitoring their TETRA digital radio communications network provided by TETRA Ireland as well as public LTE networks. The tools will be used to identify and investigate any problems or coverage black spots in the TETRA radio network to help ensure that the Garda continue to receive the best possible TETRA service.

The Garda has a total of 14,000 officers, 2,500 vehicles and 700 stations using the TETRA radio network for their mission-critical communications. The TETRA radio network provides 98% land mass coverage across Ireland of both dense urban and remote rural areas regardless of population concentration. It also provides Air-Ground-Air coverage giving fixed and rotary wing aircraft excellent communications and a wide area communications which includes Ireland's islands and up to 20kms off-shore.

RSI's Aries TETRA survey tool provides near real-time TETRA network performance information and is intended to be used for the life of the network constantly monitoring and detecting any problems before the users are affected. The tool can support large numbers of monitoring probes spread over the whole country all of which log and send back data 24hrs a day to a central server for analysis.

RSI – Company Background

Radio Systems Information Ltd. (RSI) is a UK based independent telecommunications consultancy with particular expertise in radio network coverage planning, design, verification, testing and measurement and specialised product development. RSI started trading in 1992 with most clients being large radio communication users and operators such as government, public utilities, emergency services, transport and energy. RSI has developed the Aries TETRA and Aries LTE survey tools for network performance measurement in the critical communications market.

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