

Royal Canadian Mounted Police

Organization: Royal Canadian Mounted Police (RCMP)

Technology Focus: Voice loggers, Distributed Antenna Systems (DAS), Mission Critical Communication Systems, P25 Radio.

Duration of the project: 2007 - Ongoing

Cartel has supported multiple projects with the Royal Canadian Mounted Police in various divisions over the years.

Cartel provided the Atlas series platform for the main and back-up operational call centre in Ottawa back in 2007. These loggers were replaced in 2014 for the new NexLog series. They are recording phones and radio channels.

Cartel was tasked with assessing the current E-Comm and cellular In-Building coverage, to determine compliance with Surrey By-Law 15740 for the building and cellular coverage for RCMP Green Timbers. Cartel was asked to develop an RF design as well as supply, implement and commission a DAS system to enhance coverage. The purpose was to provide the ability for Radio Communications equipment operating under the E-Comm system to function within the structure in accordance with the Surrey By-Law as well as cellular coverage.

A Sunwave Crossfire digital DAS was deployed for both cellular and E-Comm in-building coverage.



ROYAL CANADIAN MOUNTED POLICE

Cartel provided the Atlas and Nexlog platform to the RCMP National Division for the recording of tactical vehicles, operational control centres (OCC) and 911 centres across all divisions in Canada. Cartel provided a mix of over 50 Eventide units to be deployed across Canada.

The RCMP operates a radio system in the V Division that serves mission critical communication needs of RCMP members in 25 remote communities. Cartel's integration solution will provide the RCMP in these communities seamless conventional P25 and trunked P25 talk group interoperability and cost-effective desktop operations consoles with integrated mapping.

We partnered with Etherstack, InterTalk and TASC to design, supply, install and commission a P25 radio system over the Share Services IP network. The network is built around a high availability and fault tolerant P25 digital radio network solution. We all bring their extensive experience in mission critical communications to the RCMP V Division. TASC Systems and Eventide will be also joining the team, bringing their respective expertise in reporting and call logging to the project.

Cartel Communication Systems was awarded the contract on the new Association of Public Safety Communications Officials Project 25 (P25) mission critical Land Mobile Radio communications system: the RCMP V Division Nunavut Radio Modernization project.

The plans for the RCMP V Division Radio Modernization project are built around a high availability and fault tolerant P25 digital radio network solution, one that is used by policing agencies, emergency services, and the utilities in Canada, the US and Australia.

