

Case Studies

G8/G20 Summits in Canada, June 25–27, 2010

On the technical side, Canada's G8 and G20 Summits of June 2010 highlighted the extraordinary potential and performance of Kenwood's NEXEDGE® digital communications system.

• Extensive coverage

The G8 and G20 Summits were to take place at the Deerhurst Resort in the small town of Huntsville, Ontario, but it was decided that the larger event would have to be held at the Metro Toronto Convention Centre in the heart of Toronto. This meant that the communications system – to coordinate and track the movement of the leaders and staff of 20 of the most important nations in the world – would have to cover 222 km from Toronto's Lester B Pearson International Airport north to Huntsville for the G8 summit, and 239 km south from Huntsville to downtown Toronto.

And there was only one viable solution to provide seamless multisite digital trunked coverage over such a vast area: Kenwood's NEXEDGE®.

• Tight timetable

On April 20, Canada's Department of Foreign Affairs and International Trade (DFAIT) awarded the contract to Mobile Business Communications (MBC) and Kenwood Electronics Canada (KEC). By the start of May, KEC had to supply 28 high-power NXR-800 stations, programmed

and tuned, along with 600 NX-300 portables. And by the end of May MBC had to deploy an IP-linked network with 7 sites, 6 of which required complete installations of antennas, cabling, and infrastructure. Fortunately MBC already had the necessary frequencies and some NEXEDGE® infrastructure in Toronto's iconic CN Tower.

• Precise preparations

Propagation studies and coverage tests were made, and the equipment was delivered and deployed ahead of schedule, allowing an early start on training 600 users, divided into 26 talk-groups (one devoted to emergency use). Each operator was supplied with a NX-300 radio, a customized manual and training, while KEC and MBC had technical staff on call throughout the Summit providing 24-hour support.

• Seamless success

During the two Summits, this system performed flawlessly – “awesome,” as one official put it – allowing smooth communications across the network so that the DFAIT could continuously monitor the movement and security of leaders and delegates between the airport and the two venues. MBC General Manager Lino di Gennaro concluded that the NEXEDGE® system “exceeded all of the customer's expectations.”



Communications system for 2010 G8 & G20 Summits

