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®.

● 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

FACTS
- 600 NX-300K portables
- 28 NXR-800K stations
- 30 channels and 26 talk-groups
- Total number of sites: 7

The G8 venue
Deerhurst Resort

Huntsville, ON
Support and logistics

Orillia, ON
Corridor site

Barrie, ON
Corridor site

Toronto, ON
Metro Toronto Convention Centre

CN Tower

The G20 venue
Lester B Pearson International Airport's Infield Terminal (ITF)

Support and logistics

Arrival & departures

FACTS
- 600 NX-300K portables
- 28 NXR-800K stations
- 30 channels and 26 talk-groups
- Total number of sites: 7