

E911 Design, Implementation and Testing Project

The Customer

A Tier 1, wireless New Entrant Carrier, which is rapidly expanding across Canada.

The Project

To design, implement and thoroughly test the E911 infrastructure in the newly built network, which originated from Toronto and has been expanding across Canada.

The Challenge

During the initial phase of launching the network, the Carrier naturally faced many challenges, not the least of which was the need to expand as rapidly as possible, while designing and building the network elements to interconnect with other carriers. Much of the infrastructure was not in place; the signaling links as well as the Transport and Interconnection to other carriers needed to be planned, prioritized and ordered.

COMsolve's Solution

Leveraging the extensive E911 and interconnection experience, COMsolve took the whole project and provided a one-stop-shop solution:

We provided network planners to design and order all the interconnecting trunks;

We planned, negotiated and implemented the complete E911 infrastructure across Canada;

We participated in the company's network planning meetings to provide our input on the network growth plans;

We managed a large team of testers across Canada to thoroughly test and certify each cell site prior to activation;

We off-loaded all the E911 tasks from the company's Core and Access teams, thus alleviating their workload to focus on other tasks.

The Benefits

COMsolve's extensive experience in launching E911 services and Canadian interconnections, assured a smooth and flawless launch of this critical service.

Leveraging our expertise in launching E911 services, we minimize our customer's exposure to legal liabilities.

By assuming the responsibilities for the whole turn-key solution, we ensure on-time and on-budget delivery.