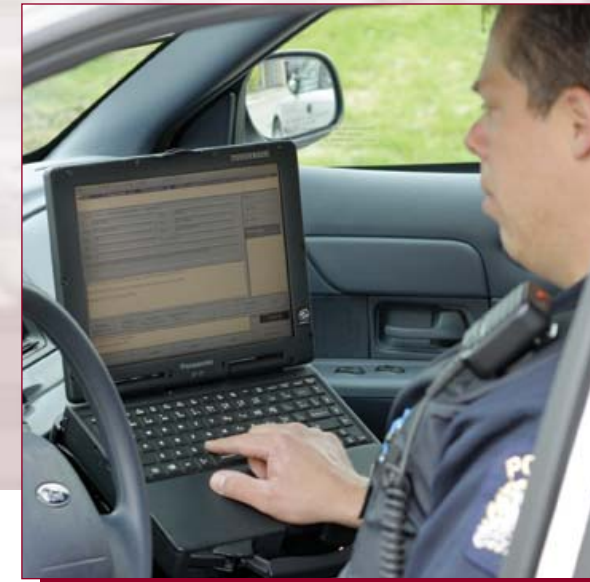


The Power of Integration

Positron Power IWS and Nokia TETRA for an end-to end solution



The power of integration: Positron Power IWS and Nokia TETRA for an end-to end solution

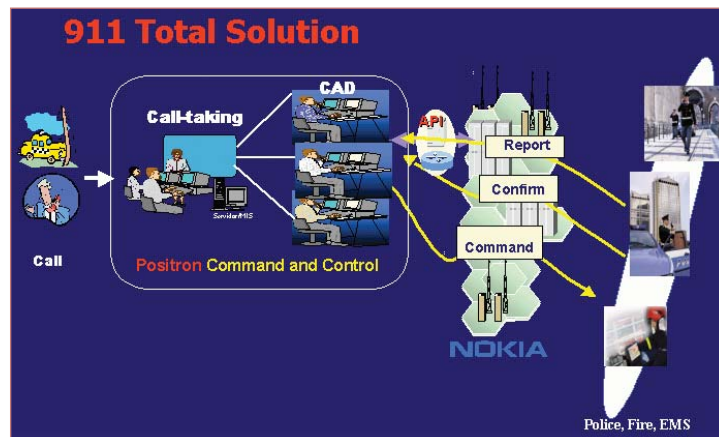
When every second counts, an emergency situation can rapidly turn into chaos if it is not properly handled. In this sense, confusion and indecision can take precious time while transferring relevant information to the pertinent officers.

To prevent obsolescence, it is vital to plan an integrated solution that provides information-sharing capabilities. Hence, the information entered through the call taking system is immediately and continually available to dispatching operators and officers in the field.

In conjunction with Nokia, Positron combines its Power IWS family of applications with Nokia TETRA System to enhance the operations of Emergency Centers. The total solution is informative, responsive and easy to use.

This totally integrated system combines the greater functionality of TETRA radio network and terminals with all the essential features of Call-taking (Power 911), computer aided dispatching (Power CAD), Mapping (Power MAP) and Management Information Systems (Power MIS).

Nokia TETRA networks supports these needs with a very fast set-up time and rapid transmission of information to field forces. Applications can use this advanced data services and open interfaces of Nokia TETRA in an economic and fast way. It is also extremely robust, as transmission is not broken when vehicles move.



A Faster Response and More Efficient Use of Resources

Using Data communication over the radio ensures that the information gathered and distributed is accurate, with voice only being deployed when urgency is required.

The call taker screen shows the address and map details of emergencies as well as the nearest available unit even before

the call is answered. The dispatching officer can assign a task to a unit by simply clicking on the resource and automatically sending the address, task description and other critical details to the unit's mobile terminal and radio.

The dispatcher can also communicate with the officers in the street directly from the CAD graphical interface (GUI), without going to the radio console screen. This facilitates and speeds enormously the response to a particular emergency.

Real Time Reporting

The direct integration of Power CAD to Nokia TETRA System enables officers on the street to have access to information that was once unavailable during special situations. Some typical examples are hazardous materials information data in fires, or containment procedures in biohazard situation.

Power Mobile and TETRA Radio: The winning combination

Mobile data terminals can communicate and exchange information with the emergency center enabling data access for officers on the street. Each car is fitted with one mobile data terminal and Power Mobile software.

Power Mobile is a sophisticated application that communicates seamlessly with Power CAD to query or access Person details, vehicle information and license plate numbers, site/location information, confidential and public information, etc.

By using Positron's Power Mobile and TETRA radio, the officer could be considered like "being connected to the local network" in the Emergency response center, even though he or she could be hundred of miles apart.

Units on the street can send patrol messages to the sender, update their status to the dispatcher CAD application automatically, request back up, inform of major crisis events, etc.

With the use of digital camera, PDA and TETRA IP packet data service, valuable data on the crime scene can be transferred for analysis even before the arrival of forensic experts.

Positions of various field personnel are shown automatically on the Power MAP application. Vehicles transmit their GPS positions over TETRA network into the mapping system to keep the information up-to-date.

Partnering for progress

Positron Public Safety Systems (PPSS) is a recognized world leader in the engineering and manufacturing of Integrated Emergency Response Systems to address public safety requirements. PPSS has delivered Integrated Solutions at a City, State or Country scale, and successfully integrated and implemented Command and Control systems in countries such as Canada, the United States of America, Costa Rica, Hong Kong, Argentina, South Africa, Cayman Islands, and Spain, among others.

Positron Public Safety Systems is a member of Nokia Wireless Solution Partner (TWISP) program. National and local governments around the world are benefiting from the high performance of public safety communication and security solutions supplied by Nokia and solution partners of Nokia.



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