

## IACP TECHNOLOGY CLEARINGHOUSE



### Law Enforcement Technology Program Survey

**Agency Name::** Stevens Point Police Department

**Technology Program Name:** 900 Mhz. Web-based Communications

**Contact Name:** Helen Lee

**Address:** 1515 Strongs Avenue

**City:** Stevens Point

**State:** WI

**Zip:** 54481

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**Home Page Address:** [stevenspoint.com](http://stevenspoint.com)

**Total Sworn :** 44

**Total Civilian:** 16

**Agency Type:** Municipal Agency

**Program Status:** Pilot (Test) Program

## Funding Description

To reduce the burden on the general fund for implementation of this project, we researched alternative funding sources. The result was a considerable savings to the City. General fund sources chosen include:

- State and federal grant money -LLEBG Grants and the Office of Justice Assistance WIBRS Grant
- Portage County Emergency Government provided funds from a Homeland Security Grant to purchase laptops
- Partnerships with other City Departments:
- Stevens Point Housing Authority - allowed us to install a tower and antenna on the Briggs Street High Rise.
- Stevens Point Water Department - worked with us to put an antenna on the water tower to test our operational capability
- Our system is shareable with all City Departments. It gives them the capability to use our resources for mobile web-based communications to their mobile units
- Partnerships with local business owners:
- Specialized Computer Systems (SCS) purchased and installed , at no cost to the City, the infrastructure (hardware and antennas) necessary to provide coverage throughout the City
- Partnerships with local citizens:
- Jeri and Peter Kopecko provided the use of a communication tower on Hwy. 10.
- Portage County Director of Planning and Zoning, Chuck Kell and the Village of Whiting gave us space on their water tower to place an antenna. These partnerships saved the City thousands of dollars, while creating lasting relationships within our community.

## Hardware Manufacturers

[Panasonic](#) CF29 Laptop computers [Ledco](#) docking stations [Alvarion](#) antennae and boosters [Nobilis](#) 4475-5U server and SQL Server Terminal Server Firewall

## Software Manufacturers

Stan Long, [Woodland Computing Group, Inc.](#) - Oliver and E-reports Remote Desktop MS Instant Messaging Arc View MS SQL

## Program Narrative

Two way communication and timely information sharing are key components for reducing crime and improving a community's sense of safety. Without appropriate technology we can provide neither effective nor efficient police services. Mobile web-based communications located in our squad cars is the first vital link in providing our officers with these essential communication tools. We started this project by placing communication antennas at several locations throughout the city. Then each patrol squad was equipped with a laptop mounted between the driver and passenger seats. Communications flow from our Department through the antennas to the laptops in the squad cars. Our officers now have:

- Voiceless instant messaging from squad to squad and in-house personnel including our Communication Center
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Immediate access to state and local criminal histories • Immediate access to Department of Motor Vehicle records • Mug photos • Crime scene photos and digital images • Mapping and GVS • Incident reporting • Parking records • State Statutes, City Ordinances, and Department Policies • Electronic distribution of wanted and missing person photos to officers on patrol • All applications available in-house In the next few months we will be implementing new software. Officers will write incident reports from their squads, directly to our Department. This will reduce the time an officer spends in-house writing reports. In addition: • The potential to tie into security cameras or web based applications is unlimited. For example, if the need arose, we could have immediate access to security cameras in our schools. • In circumstances where non-verbal communications are necessary, officers have instant messaging. This feature would be very helpful during a critical incident scenario.

## **Additional Concerns**

We were the test site for the Alvarion equipment. We are also one of the first law enforcement agencies to use 900 Mhz. technology in our squads. We did have to work out quite a few bugs, but now have a relatively stable network.

**Technology Program Name:** Wisconsin Incident Based Reporting

**Contact Name:** Helen Lee

**Address:** 1515 Strongs Avenue

**City:** Stevens Point

**State:** WI

**Zip:** 54481

**Telephone Number:** 715-346-1512

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**Agency Type:** Municipal Agency

**Program Status:** Pilot (Test) Program

## **Funding Description**

Wisconsin Office of Justice Assistance WIBRS conversion grant

## **Hardware Manufacturers**

[Nobilis](#) 4475-5U server and SQL Server

## **Software Manufacturers**

[Woodland Computing Group, Inc.](#), E-Reports and Oliver to convert our current data from AS400 platform to GJXML for all Portage County Law Enforcement records

## **Program Narrative**

This grant proposal was to convert from a Uniform Crime Reporting system to a Wisconsin Incident Based Reporting System for all law enforcement agencies in Portage County. The Stevens Point Police Department and Portage County Sheriff's Department each have forty-four sworn officers and Plover Police Department has seventeen, for a total of 105 officers serving a total population of 68,677 and 810 square miles. Implementation of this plan will bring all three agencies into WIBRS compliance. The result will be web based WIBRS reporting in global XML format to the Wisconsin Department of Justice. Our Records Management System (RMS) was a self developed hybrid, Portage County owned, database using an AS400 hardware platform. Portage County Data Processing is responsible for all of the programming, updates and changes to the system. The RMS was developed over the last fourteen years by the cooperative efforts and participation of all agencies using the RMS. It is referred to as the Portage County Law Enforcement System (LES). The database is shared by the Stevens Point Police Department, Plover Police Department, Portage County Sheriff's Department, Portage County District Attorney's Office and Portage County Clerk of Courts. Wisconsin State Patrol also enters traffic citations issued within Portage County into our LES. Information from all of these agencies is shared and available to all personnel within these agencies based on agreed upon security levels. The LES is currently programmed to generate Uniform Crime Reports for submission to the Wisconsin Department of Justice for each agency, with the data coming from the shared database. The Stevens Point Police Department prepared a plan to interface

new software with the LES for the purpose of extrapolating crime data and converting it to the more comprehensive reporting format, referred to as Wisconsin Incident Based Reporting System (WIBRS). Additionally, we will use the more data rich WIBRS system to analyze crime, calls for service, and officer activity. This will support our effort to provide community based problem solving police patrol services. Our LES currently collects only the data required for Uniform Crime Reporting and does not operate in a Windows environment. Incident based reporting requires that we gather data from our LES, as well as from each agency's dispatch and reporting files (Stevens Point Police Department, Portage County Sheriff's Department and Plover Police Department) to meet WIBRS reporting standards. In order to accomplish this, the interface must be capable of drawing data from the LES, as well as each agencies local network. Oliver consolidates information from various sources and allows the agency(s) to share the information within the various departments in a web based environment. Links to other related information is provided along with the ability to view a selected report online. The program utilizes a web browser for the users and a MS-SQL type database on the server. With the assistance of our contractor, we will implement WIBRS reporting in a global XML format for immediate web based reporting to the Department of Justice. We will also support crime/call analysis, mapping, manpower allocation, and various management and community reporting needs. As the facilitator of this project, the Stevens Point Police Department is also communicating with the Office of Justice Assistance to be a test site for data sharing with the Justice Gateway (WIJIS). This link potentially could include the sharing of data from all of Portage County's law enforcement records, Portage County Clerk of Courts, the Portage County District Attorney's Office, and upon their agreement to participate, uniform traffic citations from State Patrol.

## **Additional Concerns**

When working on a large project like this, it is important to include at least one of the players from each agency. However, if the project is to progress, this number should be limited. We included too many people from each agency who did not have IT backgrounds and this slowed the project down.