December 29, 2011

Marshfield Municipal Information Technology Department Update

The Marshfield Information Technology department has been installing numerous surveillance systems around Municipal buildings and outdoor areas. As part of a large scale project to help protect the public, assets and infrastructure, Marshfield IT has been working with many departments to ensure that the safety of operational services personnel remains high. With surveillance becoming instrumental in curbing vandalism and assisting in restoration efforts, the town has goals to introduce approximately fifty to sixty cameras in strategic locations in the next twelve to twenty four months.

Many locations recently addressed include the Skate Park, Green Harbor Pier, Marshfield Fire Station HQ and the Transfer Station locations. Ensuring an increased level of safety and asset management, the IT department now has a total of six sites that are being monitored and managed from a central location. Further deployments are targeted in the future once funding becomes available.

The Information Technology Department has completed the most recent camera surveillance system installation after great success with integrating town surveillance systems over the town's wide area network. The camera systems proposed have met all goals identified while supplying Marshfield with new safety and surveillance options.

The current camera implementations at the Town pier and Marshfield Fire Headquarters will allow for safety initiatives for the public and personnel alike. The next systems to be installed include the Marshfield Transfer station and Waste Water facility; these will add additional safety measures to operations in both locations as well as meet security initiatives identified. The photos supplied show installation shots and live camera views of current cameras.

Also on the IT Departments FY2012 agenda is the implementation of the Virtualization platform that will drive the town's use of technologies over the next five years. This new system currently being launched is part of the IT departments need to reduce the hardware foot print cost while allowing for more dynamic use of our Municipal network and systems. The goal is to reduce double digit hardware systems to three or less Virtualized severs which will save time via less maintenance of hardware and our ability to create opportunities that allow for the leverage of Cloud Computing and shared services with other towns in a regionalized approach.

Disaster Mitigation and Recovery will reach a new level of availability with the new technologies listed above. Our ability to move to remote locations and to continue efforts to keep government operational will be paramount. A new Municipal website has also been rolled out with the goal to offer more online content and services via the new website. Including a new online application for integrated online permitting as well as additional online payment options.

Please feel free to view the photos listed throughout this page to view some of Marshfield Information Technologies latest projects and accomplishments.

Respectfully
Information Technology Department