Marshfield WAN Project (I-NET)

June 2006

In 2003 Adelphia removed Marshfield's I-NET which would have potentially provided the Municipality the advantage of data and communication links between Townhall and remote sites. The benefits of a Wide Area Network (WAN) can result in cost savings with the elimination of redundant systems, support needs and overhead.

The benefits of having business class connectivity between sites allows for data and voice packets to transverse the network. The ability for remote users to access data in other departments or buildings is paramount if an integrated approach to application sharing is to occur. Up until recently many remote sites could not access Marshfield's applications running at town hall. This lack of infrastructure has been rectified with the installation of a new WAN utilizing Fiber Optics.

Phase one of the INET project brought connectivity from Town hall to Police, MEMA, Highway and Library buildings. Phase two targets Fire, School System, COA and the Airport.Water Treatment and Harbor Master facilies are targeted to utilize a Wireless backbone which tie them into an existing Fiber location or with the proper towers in place directly back to Town hall, Police or Emergency Management facility.

With the continued efforts to build a solid interconnecting backbone with Fiber and Wireless, Marshfield will move forward to leverage Wireless Broadband, Digital services, VoIP, Video Streaming and many other relevant Municipal services.

Submitted

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