



ENSURE SAFETY MAP LAYERING EARLY NOTIFICATION HUMIDITY REDUCE RISK LOCATION BASED MAXIMIZE RESOURCES FUTURE RADAR TOOL
 FLUME MODELING PREPARE ONLINE CONSULTING WARNINGS ICE MOBILE INFORMATION HOURLY FORECASTS RAIN ADVISORIES
 CUSTOM ALERTS TORNADO AREAS OF MAXIMUM IMPACT BLIZZARD STORM TRACKING IMPROVE RESPONSE WIND SPEED MANAGE BUDGETS

MXVISION WEATHERSENTRY®

CASE STUDY

MUSKINGUM COUNTY SHERIFF'S DEPARTMENT ZANESVILLE, OHIO

Muskingum County is located in east-central Ohio, approximately 45 miles east of Columbus. The Muskingum County Sheriff's Department covers 653 square miles and protects the lives of more than 83,000 people. In addition to dispatching for 30 road deputies, the sheriff's department also dispatches for five village police departments, one college, and 15 volunteer fire squad departments. The sheriff's department employs approximately 120 people, and is responsible for law enforcement, court security, serving papers, jail operations, extradition process, and transport of prisoners.

THE CHALLENGE

"It is important for us to know exactly when storms will hit. We need to be able to plan for staff both on the road and in the dispatch center, in the event of severe weather." said Kim Hambel, communications supervisor for the Muskingum County Sheriff's Department. "Whether it is a snow storm, lightning, or a tornado, we need to know where the storm is and how it will affect the people in our county."

THE DTN/METEORLOGIX SOLUTION

The Muskingum County Sheriff's Department uses MxVision WeatherSentry® *Public Safety Edition*, a PC-based system that allows dispatchers to have constant access to weather information through their dispatch station. MxVision WeatherSentry

Public Safety Edition provides real-time weather forecasts, graphs, and data on snow fall, rain, wind and lightning. The system also alerts users when their area has been issued a severe weather watch or warning.

RESULTS

"Having radar and weather information available at the dispatchers fingertips, and not having to go turn on a television screen or listen to the radio, is one of the things that really drew us to this product," said Hambel. "The Alert Manger® feature is also helpful so we can warn everyone on the road when the National Weather Service issues severe weather warnings."

"In April 2006, a string of tornadoes and severe weather came into our area. Because we were able to track the storm, our deputies and fire squads were prepared and we were able to accurately staff for the storm," described Hambel. "Our deputies know we have DTN/Meteorlogix' weather system available and frequently ask us about the status of a nearby storm."



With 653 square miles to cover, winter weather can have a big impact on the Muskingum County Sheriff's Department. Hambel explains the importance, saying "the MxVision WeatherSentry *Public Safety Edition* product allows us to position our patrol units where they are most needed, and helps us know if we need to keep shifts on, or call shifts in early." When the area is expected to get a heavy snowfall or have snow with high winds, the sheriff's department can keep more staff on the road to assist stranded motorists, and ensure that roads in the county are safe and clear for travelers.

"One of the features that has proven particularly useful is Lightning Manager®," said Hambel. From downed power lines and building damage, to fires or even trees down on roadways,

knowing where there is a concentration of lightning can help plan how to route deputies, and help the sheriff's department track the most severe areas of a storm path.

In addition to the support the sheriff's department receives from the weather system, they also appreciate the support of their salesperson and technical support staff at DTN/Meteorlogix. Hambel says, "We have dealt with both the sales and tech support staff and they have been very helpful for our organization. They help us stay updated in terms of new products and are very responsive if and when we have questions."

THE CLIENT'S VIEW

"In our 911 center, MxVision WeatherSentry *Public Safety Edition* is up on one of our dispatch consoles at all times. The up-to-the minute radar and storm tracking information keeps us informed of any weather conditions that could affect the safety of the citizens of our county."

Kim Hambel, communications supervisor, Muskingum County Sheriff's Department

DTN/Meteorlogix, DTN's brand of commercial weather services, delivers industry-specific weather management capabilities for its customers to manage business risks, maximize personal safety and minimize financial loss.

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