



PROTECT EMPLOYEES ROOF INCREASE PROFITS FROST IMPROVE SCHEDULING ADVISORIES REDUCE RISK WATCHES LOCAL WEATHER
 TEMPERATURES PRECIPITATION TIMING PAVE MAP LAYERING SNOW WIND SPEED 10-DAY OUTLOOKS WARNINGS
 HOURLY FORECASTS RADAR MAXIMIZE RESOURCES REAL-TIME LIGHTNING ICE
 HUMIDITY ONLINE CONSULTING COVER LOCATION-BASED
 PATENTED TOOLS RAIN SECURE JOB SITES HEAT CUT COSTS

MXVISION WEATHERSENTRY®

CASE STUDY

VMS, INC. PETERSBURG, VIRGINIA

Founded in 1995, VMS, Inc. pioneered privatized highway asset management with its innovative public-private partnership with the Virginia Department of Transportation (VDOT)—the first project in which a private firm assumed full responsibility for the comprehensive maintenance of significant portions of an interstate highway system.

With its 10 branches and 600 employees, VMS now maintains and operates highways and interstates in Alaska, Florida, Oklahoma, Texas, Virginia, and Washington, D.C.

THE CHALLENGE

The weather in Virginia can range from snowstorms to hurricanes. As the government contractor responsible for the state’s road systems, VMS needed the best weather information available to help keep the roads safe and their company operations efficient.

“Our big concern is rain,” said Sandy Lyle, office manager in the Petersburg, Virginia location, who notes that rain has a significant impact on planning.

But snow is also a factor, particularly because there can be a vast difference in the amount of snowfall from year to year. “Virginia weather can be very unpredictable,” Lyle said. “There are years where we have no snow.”

THE DTN/METEORLOGIX SOLUTION

A company proud of its innovative practices, VMS integrated a DTN/Meteorlogix weather system into its operations way back when they started up in 1995. Citing the need for “more real-time weather information,” VMS recently upgraded to the most current version of MxVision WeatherSentry®.

RESULTS

The management at VMS now uses MxVision WeatherSentry to guide crew dispatching and help manage client expectations. Said Lyle, “If we’ve been planning bridge repairs for a week and they’re put off due to rain, it helps us to plan with the client. It’s really a big tool in our planning process.”

MxVision WeatherSentry is used around the clock at the Petersburg VMS office. The system “helps you plan the work as well as what type of work,” according to Lyle.

Lyle appreciates how extensive the radar picture is. “We have an area that starts at North Carolina and goes to Richmond (VA). Being able to use the radar for that large of an area helps us know where the weather is going, so we can shift our forces.”



Snow removal — and how well VMS does it — is a critical factor in its operations. As a government contractor VMS must meet pre-defined snow removal performance standards.

But there's another important constituency that VMS wants to please. Said Lyle, "Snow removal is such a big deal to our client, but also to the citizens of this state, who are also our clients."

Additionally, the system's forecasts help VMS efficiently manage its subcontractors by precisely predicting a storm's arrival, which

helps her know when to send out crews. "The minute they start to work," she said, "they start to charge."

Accurate information is so important to VMS, the company used to rely on several different weather sources. But not anymore. MxVision WeatherSentry has been so dependable, Lyle said, "We were able to drop a couple of them."

THE CLIENT'S VIEW

"It's much more up-to-date than other media. You can know what's happening at any given moment."

Sandy Lyle, office manager, VMS

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.

DTN/Meteorlogix is the official forecaster of the PGA TOUR and Champions Tour.

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