



# Building weather intelligence into construction operations

APAC Inc.

We make important economic decisions on a daily basis based on the weather information that WeatherSentry gives us. The system paid for itself the very first time we used it.

APAC

APAC Inc. is the largest transportation construction contractor in the United States, with operations in 14 states. While the company is headquartered in Atlanta, each of its local divisions operates separately, providing paving, bridge construction services, and construction materials throughout the country.

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"We consider the system absolutely critical to our operations."

APAC

### **What they were up against.**

Weather changes all the time. That's why there are a lot of restrictions when it comes to laying asphalt or pouring concrete, something APAC does in large amounts on a regular basis. Rain and temperature are two of the biggest culprits, both of which can damage materials, resulting in wasted time and materials. And because it operates over such a wide territory, APAC needed a solution that would not only provide accurate weather intelligence, but would be flexible enough to cover all its job sites.

### **What we did to help.**

APAC chose the DTN WeatherSentry® system to help it with its weather-related needs. With this tool, it gets access to localized real-time weather intelligence that helps it make the best decisions to minimize downtime, maximize profits, and keep its workers safe during inclement weather.

### **What the impact was.**

APAC uses the system on a daily basis to make its daily and weekly plans. A big concrete pour depends on the right weather, so it needs to know what the weather will do not just that day, but for the following week as well, so it can make informed decisions to get the best results.

The system has also been a helpful tool for maintaining APAC's reputation in a competitive marketplace by helping it bid on jobs more accurately and complete them on time without wasting time or materials. It's even used the system to illustrate beyond-its-control events that affected productivity on a given job.

And by having accurate, reliable forecasts, the company is able to not only schedule work around the weather, but also better protect its workers by alerting them when dangerous conditions are approaching, giving them time to get to safety.