



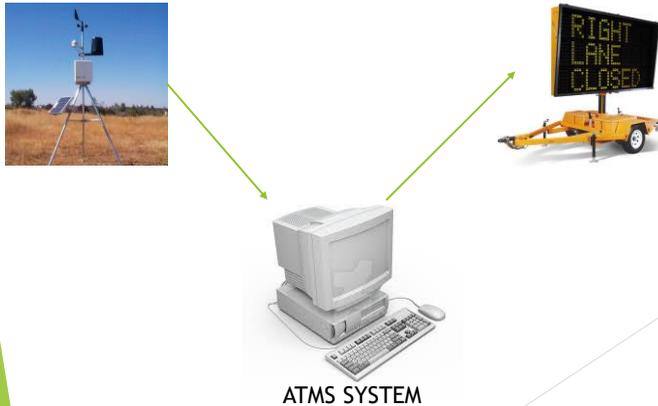
Hello everyone my name is Scott Williams, senior traffic signal operator at the Wellington Transport Operations Center.

I'll be presenting WTOC's regional update on behalf of Daniel Burgess who sends his apologies for not being able to be here. **(NEXT)**

New Technology

New technology is great but are we using what we already have to its fullest capability ?

A good example is the recent automation of the Remutaka Hill wind warning VMS (Variable Message Sign).



1 First off WTOC is currently focusing on what Technology we already have installed and how can we use it more efficiently or in different ways to achieve a better result for customers.

2 (NEXT) We have had a Metservice weather station on the summit of Remutaka hill for a number of years. The weather station sends wind speed alerts to the WTOC ATMS system. (Advanced Traffic Management System) Dynac

3 previously, when these wind speeds would reach a certain trigger point, our operators would manually put up VMS to warn drivers of strong winds.

4 we asked our suppliers to look at automating this so that the operator component was removed. We set a target of only using kit that existed already and aiming for zero cost.

5 (NEXT) we now have an automated solution that removes the operator element but has not needed any further ITS kit to be installed on the road side, we also managed to make the changes within BAU operations so no cost was incurred.

The end result is our customers no longer have to wait 5 to 10 mins to be warned of

strong winds via an operator but rather as soon as the alert is sent to the system via the weather station the VMS immediately implemented. It also gives the operators one less thing to worry about so they can focus on other incidents that may be taking place at the time. (NEXT)

Challenges



Moving forward we will look at the challenges posed to WTOC, namely challenges with health and safety.

We have had a near miss at a signalized intersection in a 100 kilometre zone, a contractor was working in the cabinet and a vehicle approaching the intersection lost control and spun out, narrowly missing him.

With incidents like this taking place it would be irresponsible for us to sit idly by and put it down to a one off. It was paramount that we took action to reduce this risk.

(NEXT) (NEXT) Something we have considered when looking into possible solutions to improve safety is installing barriers around the cabinets to provide the technicians working in them a bit of added protection at high risk and high speed zone sites.

In attempt to improve safety measures at WTOC we have had to change the way we look at how we plan works and renewals. For some in the industry we understand this can be challenging but we are in a position to make a difference so we're jumping at the opportunity and at the end of the day, want to ensure all of our contractors go home safe.

Thank you.