



## siteRSM using Kenwood NEXEDGE® (transparent mode) as backhaul

*"I can now respond to 'communication down' calls from customers in a proactive manner," says Paul Lambert, Radio Service Manager for Cook's Communications Corp. in Fresno, California. "In fact, I know well in advance there is a problem, now that we are using the TASC site monitoring and control solution to monitor our seven mountain top sites."*

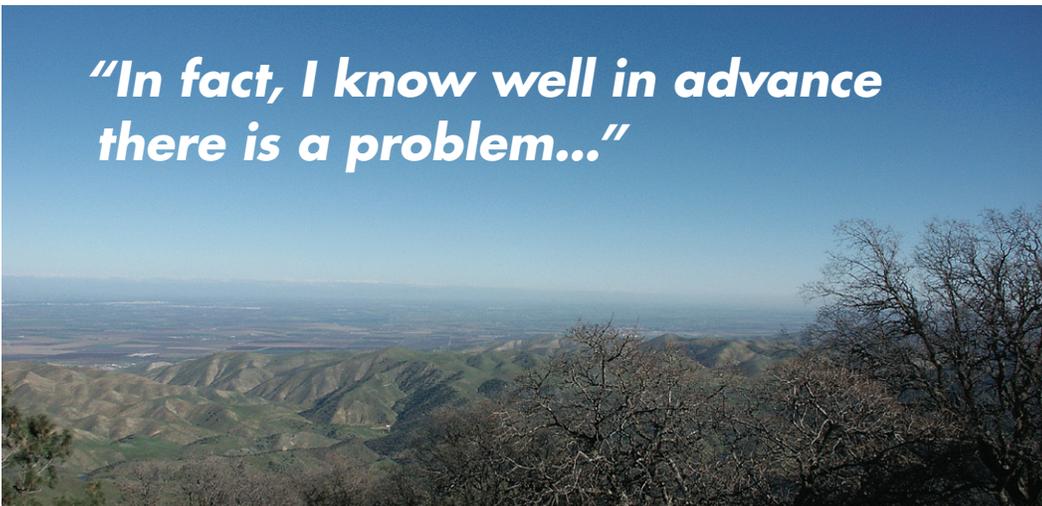
In addition to the many public safety agencies that rely on Cook's sites to house equipment, Cook's is also a two-way radio service company providing radio service to hundreds of individual companies in California's Central San Joaquin Valley. When Cook's site goes down, so do their customers, as a result, the TASC system has become a critical piece of the puzzle in their site maintenance and monitoring strategy.

Two-way radio repeaters are what Cook's maintains at their remote locations. They are now able to monitor the temperature of

The TASC system replaced an old remote system that was failing. Most importantly the TASC system enables Cook's to react in an efficient and effective manner to alarm notifications. Recently a late evening power failure at the Mt. Sampson site triggered an alarm condition. Shortly after, the commercial power supplier was on site and power was restored. While talking with the technician Paul was able to interrogate the site and confirm that power was restored, generator was off and conditions were normal. With the TASC system Cook's was kept aware of the conditions at the site and saved on a needless trip to the hilltop. The TASC software enables Cook's to use icons that represent the parameters they are monitoring and place the sites on a background map of the geographic area.

Many of their high elevation sites are not easily accessed during the winter. Cook's is using the TASC solution to be their eyes and ears at locations that are hard to get to and happen to be a hour

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the buildings, commercial power, generator status, battery voltage, door contact and remotely reboot equipment. They monitor key power supply voltages and battery voltages with minimum and maximum voltage thresholds. Using siteVIEW Enterprise 2.0 Cook's created alarm conditions based on their system requirements. These alarm conditions are displayed on their GUI as well as emailed to their smartphones. Paul has saved himself countless hours on the road by adding the capability to remotely cycle power to certain pieces of equipment. Cook's is using Kenwood VHF NEXEDGE® radios, and Telewave ANT 150D dipoles to send data back to their main office. Cook's decided to have a dedicated backhaul for the data being sent and received by the TASC system.

or more away. We plan to expand the monitoring and control capability as time permits. Power supplies like Samlex N+1 have telemetry connections on a DB-25, repeaters are now doing the same as well, so much more can be remotely monitored.

Paul explains, *"we rely on generators and batteries to keep our radio equipment operational during power outages. With the TASC monitoring and control equipment we are alerted the moment power has failed and when the generator starts. This allows us to calculate how long we can safely run on generator power before having to address fuel issues. The fact is we cannot afford to have the radio system down and the TASC system enables us to keep the system 100% operational."*



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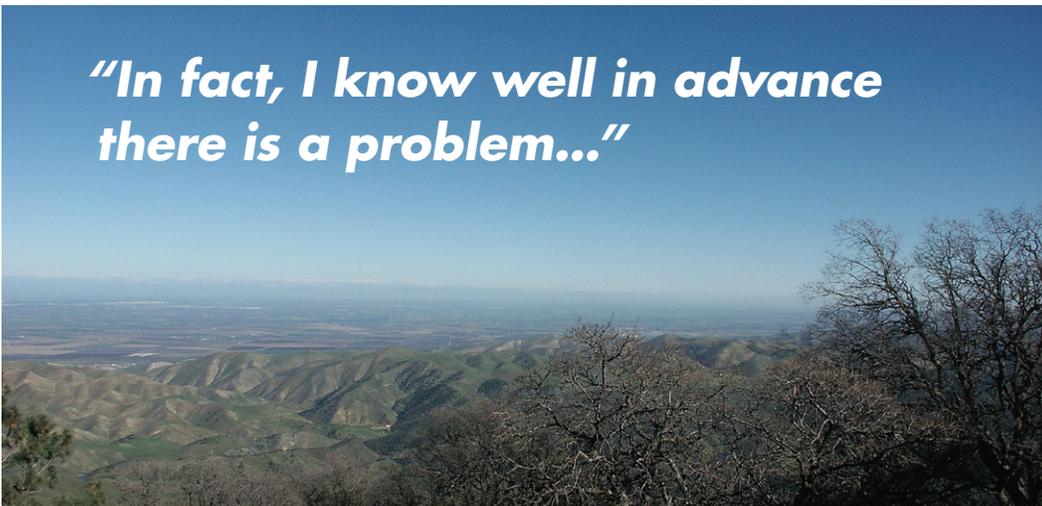
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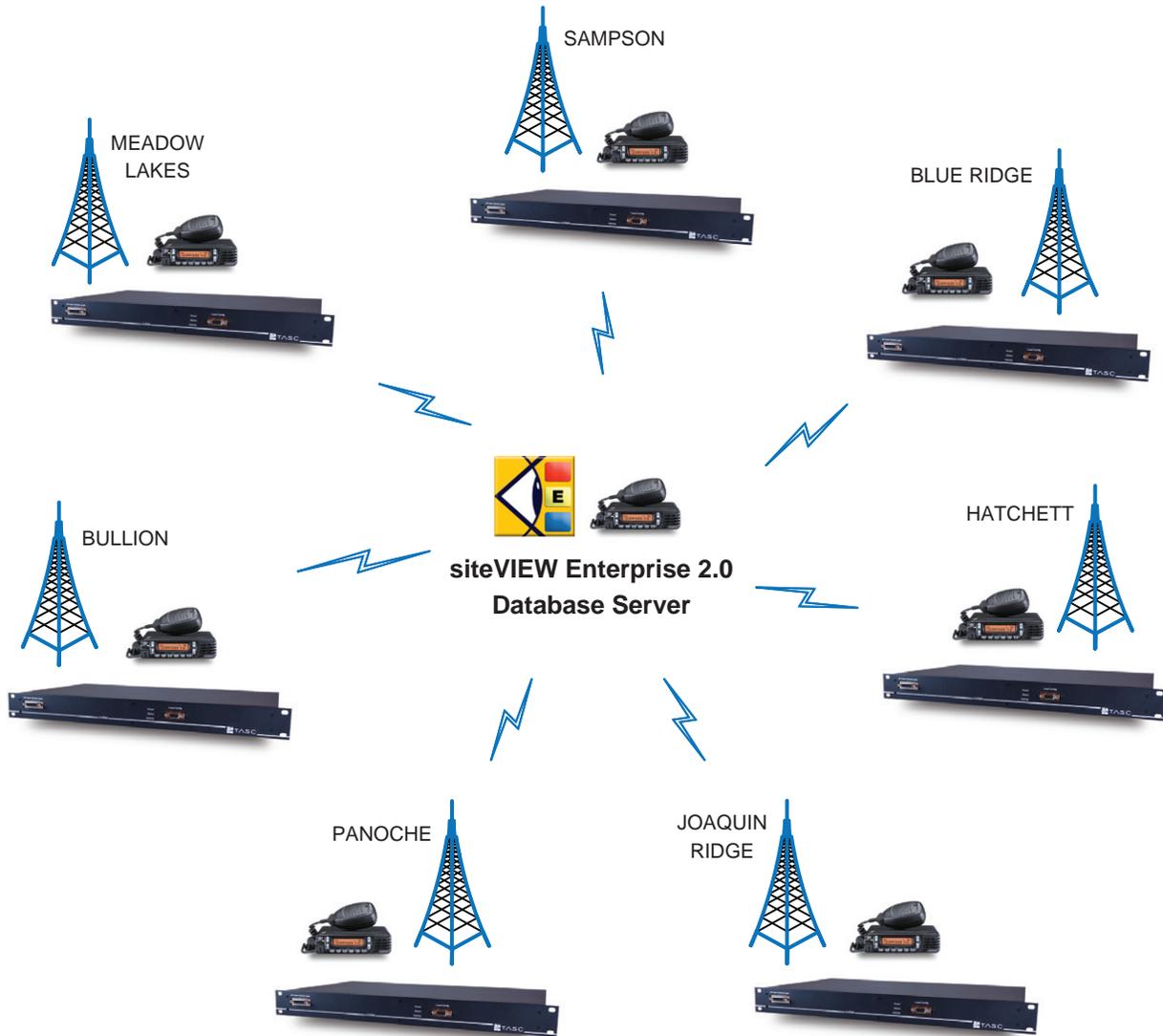


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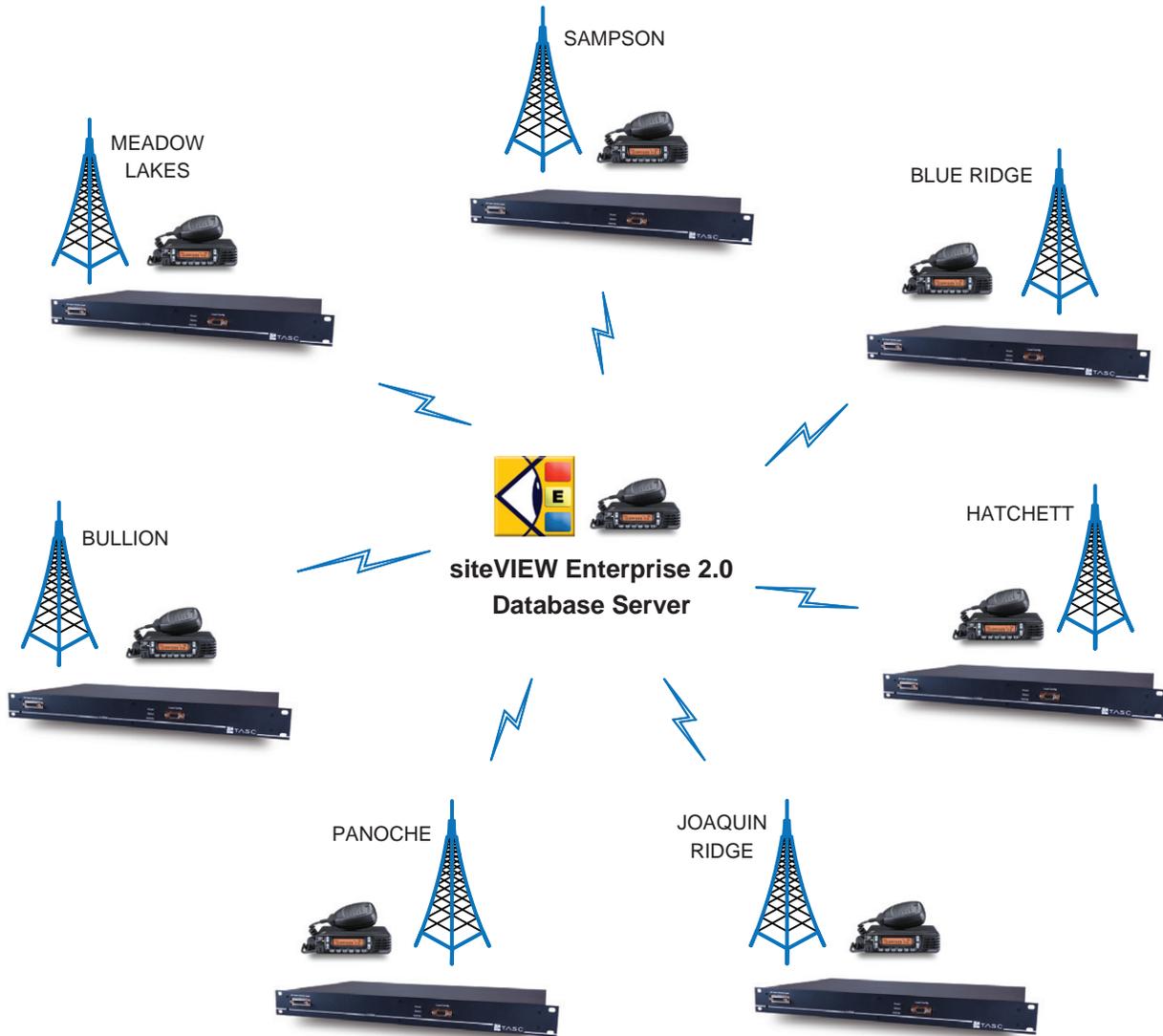
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# Cook's network using Kenwood VHF NEXEDGE® radios, Telewave ANT 150D dipoles and siteVIEW Enterprise 2.0



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