

# Keep better tabs on equipment operations and performance.

Condition Based Maintenance and remote-monitoring solutions can help conserve resources and protect public health.



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## Challenges

In many major metropolitan areas, water-cooling towers dot the skyline. Sitting atop buildings across the city, these towers have been in use for decades to lower water temperature through evaporation. The main problem is the monthly service visits to each tower. Any issues that arise with a tower's components could go undetected for up to 29 days. If a tower isn't working properly, that means the water remains warm. Warmer temperatures can create a breeding ground for harmful bacteria that pose a threat to public health. In addition, the untreated water could cause mineral deposits, which can clog the system and waste energy if the problem isn't addressed.

Water management companies need a better solution to keep tabs on tower components and how well they are operating. That's where Verizon can help.

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## Solution

As a potential solution, companies can use Verizon Condition Based Maintenance and remote-monitoring solutions to track water treatment systems and equipment. The remote-monitoring system tracks the operational performance and status of each water tower. If something breaks down, the solution sends a notification to the company that there is a problem. This notification includes details about the problem and the location, so a technician can be dispatched quickly.

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## Results

With Verizon Condition Based Maintenance in place, users know the operational status and performance of each tower. If mineral deposits clog the system or a part needs to be replaced, companies can stay on top of potential issues and performance degradation, which helps improve system uptime.

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## Learn more.

Contact your Verizon Wireless business specialist to learn more about how Verizon Condition Based Maintenance can help improve predictability and reliability or visit [verizonenterprise.com/cbm](https://www.verizonenterprise.com/cbm).