

# DEPLOY: ZERO-TOUCH PROVISIONING REMOTE ORCHESTRATION TO REDUCE UNDERLYING OPEX PRESSURES

## THE CHALLENGE

A provider of renewable energy wants to connect its wind turbines virtually for better fleet management.

However, one of the challenges of deploying and operating a disaggregated network is the installation and configuration of each remote site. Current methods require extensive hands-on provisioning and configuration by knowledgeable personnel at each location. This is an expensive and untenable business model.

And, even with trained technicians, 80% of network downtime is caused by manual error.

#### **THE SOLUTION**

With Wind River<sup>®</sup> Studio and zero-touch provisioning (ZTP), once the hardware is racked, connected, and powered on, the operator can deploy the infrastructure to all of the remote sites at once, using automation and configuring based on predefined models. This reduces the time spent installing and configuring each individual site.

Once deployed, the operator can use automation to manage the full lifecycle of the application and service deployment on the network. ZTP provides a necessary component in a digital feedback loop, offering developers an opportunity to react faster and deploy new features sooner.

## **THE RESULTS**

By automating deployment and updates with ZTP, operators can save the costs of a physical visit, get needed updates in place sooner, and reduce downtime.

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