

# T-Mobile US



**INDUSTRY** Telecommunications

**HEADQUARTERS** Washington, United States

“We wanted out-of-the-box Kubernetes upgrades, OS patching, and infrastructure maintenance. We get that with VMware Enterprise PKS and BOSH.”

JAMES WEBB,  
PLATFORM ENGINEER, T-MOBILE US

## STRATEGIC IT PRIORITIES



Accelerate the  
Cloud Journey

Delivering a unified experience for DevOps

T-Mobile US is a national provider of voice, messaging, and data services. The company’s nationwide 4G LTE network delivers wireless service to over 81 million customers, earning \$43.3 billion in revenue in 2018. T-Mobile has built its market share on delivering compelling services and providing reliable coverage to its customers. To continue to provide this performance to customers, T-Mobile wanted to improve containerization support for its DevOps teams.

### Business needs

- Eliminate security and management issues coming from DevOps inefficiently running container platforms by themselves
- Upgrade infrastructure, which slowed applications team’s ability to deliver new products and services
- Introduce container management automation to reduce administration workload

### Impact

- Adds high availability, scalability, and persistent storage via VMware Enterprise PKS
- Enables faster development and deployment for new T-Mobile US services via unified container management
- Helps two-person team manage entire Kubernetes environment using VMware Enterprise PKS automation and administration tools

