



Amazing happens when enterprise architecture is built with security in mind.

An Internet of Things (IoT) solutions provider for commercial telematics hired CDW to help with cloud governance and platform engineering as it prepared to migrate from its data center. Due to the rapid growth in industrial IoT and commercial telematics, the client needed all computing resources to comply with the organization's security standards. Historically, the customer had operated entirely on-premises or in private data center colocation.

Opportunity and priorities

The customer needed to prepare their environment for a secure and seamless migration to the cloud. Their plan was to implement CrowdStrike on all Kubernetes (EKS) Pods, and VMs (virtual machines) within the environment. They also wanted to establish cloud governance and platform engineering for all business units in accordance with security standards.

Solutions and services

The CDW account team worked with our partner AWS to leverage a combination of AWS Event Bridge for new EC2 or EKS Node creation notifications. AWS Systems Manager was configured to install and activate CrowdStrike Falcon9 sensors on all compute resources within each business unit. Rumble scans were also provided using the same architecture within the environment for auditing and compliance. CDW and AWS services implemented Systems Manager Patch Manager to replace the existing on-premises patch management. This involved configuring patch baselines and Maintenance windows for IoT workloads within AWS.

Outcomes

CDW assisted the customer in swiftly meeting organizational cybersecurity initiatives and requirements to enable the use of the AWS environment for IoT workloads. Prior to this engagement, the organization lacked authorization to deploy beyond the development environment. Through leveraging AWS services and CDW expertise, the customer was able to transition production workloads to AWS and embark on experimental and innovative work to enhance their offerings.

For more information on our Cloud Solutions and Services, visit [CDW.com/Cloud](https://www.cdw.com/Cloud).

