

# Regulation and Compliance for the Data Center with AlgoSec and Cisco

## REGULATION AND COMPLIANCE

A DAY IN THE LIFE...

The company has a hybrid network – multiple firewalls from Cisco and other vendors spread across a physical data center, Cisco ACI, and Amazon Web Services. Each platform is protected by its own security control.

**MEET JANET**  
An IT Director.  
Responsible for implementing the company's network security policies.

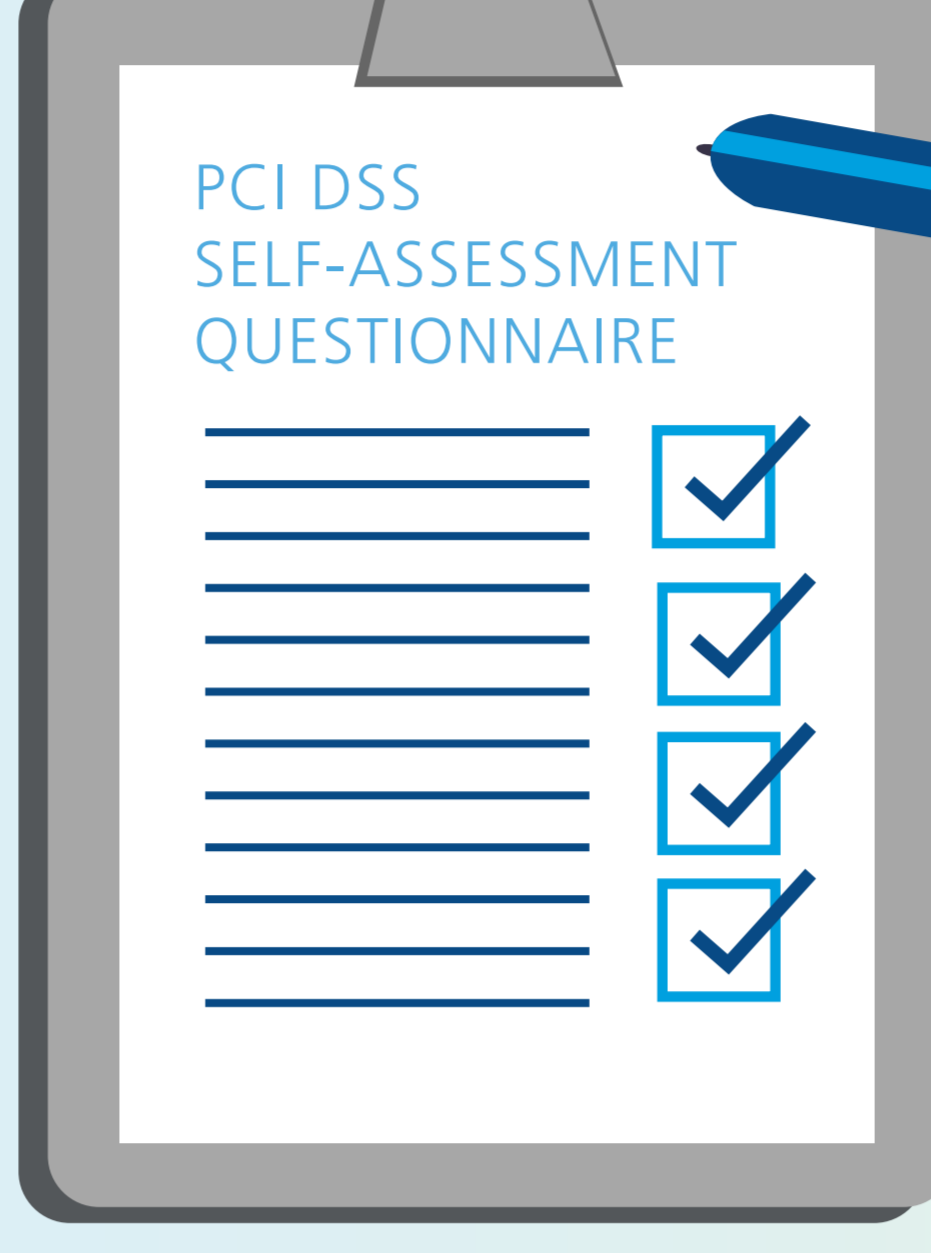


**MEET STEVE**  
A Compliance Director.  
Responsible for managing the company's regulatory compliance policies.



9:00 AM

The company's annual PCI DSS audit is coming up. To prepare for the PCI DSS Self-Assessment Questionnaire, Steve needs to know how credit card data is handled. He asks Janet for a health check for the network to get a sense of the organization's compliance posture.



9:30 AM

Janet enters the regulation dashboard where she gets a high-level overview and audit-ready reports for all major regulations. She sends a summary to Steve and waits for his feedback.

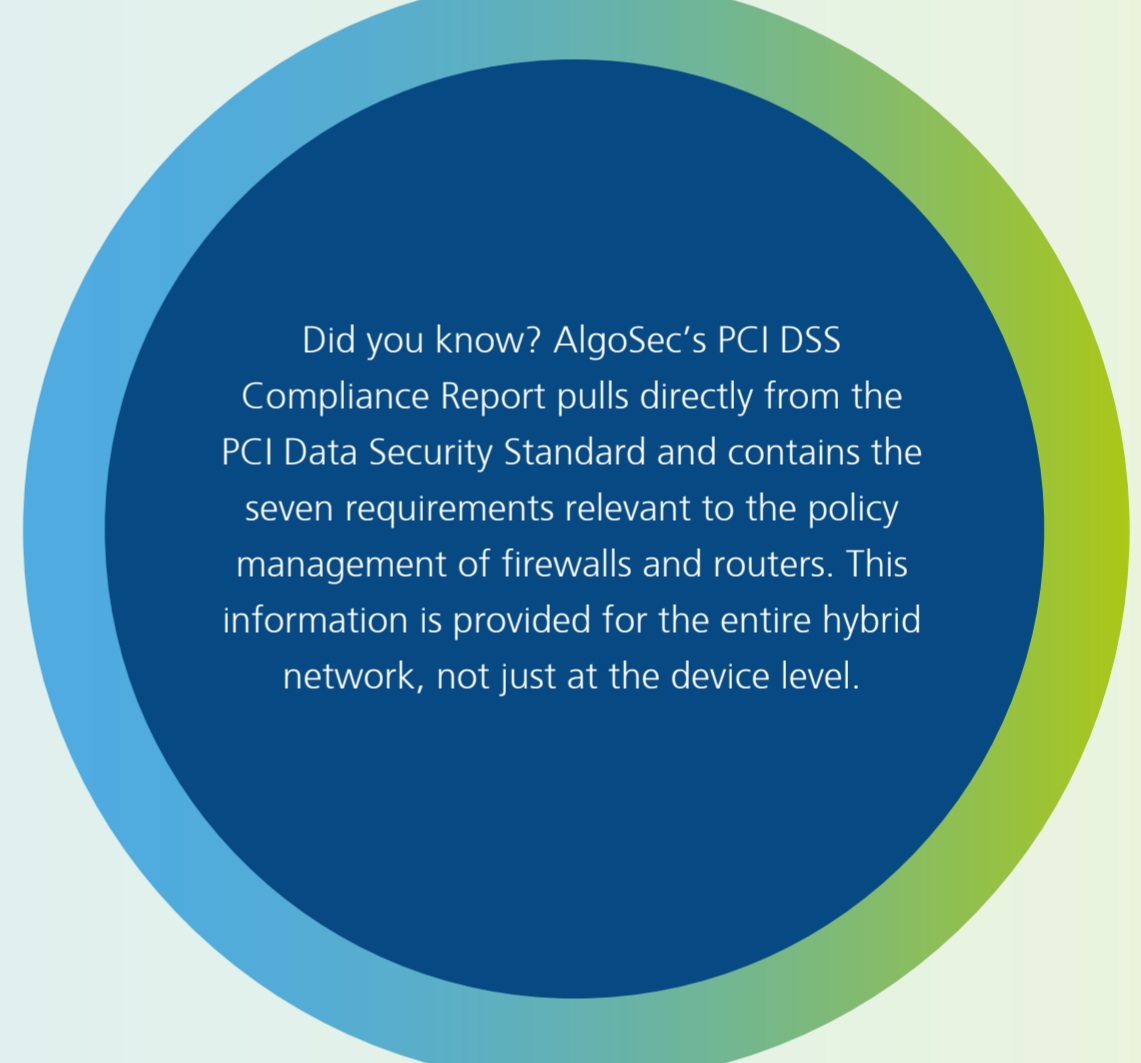


10:00 AM

Steve is impressed. He calls Janet and asks for a report about several PCI DSS requirements.

10:30 AM

Janet notes that the company is only 50% PCI DSS compliant. She begins to review AlgoSec's PCI Compliance Report.

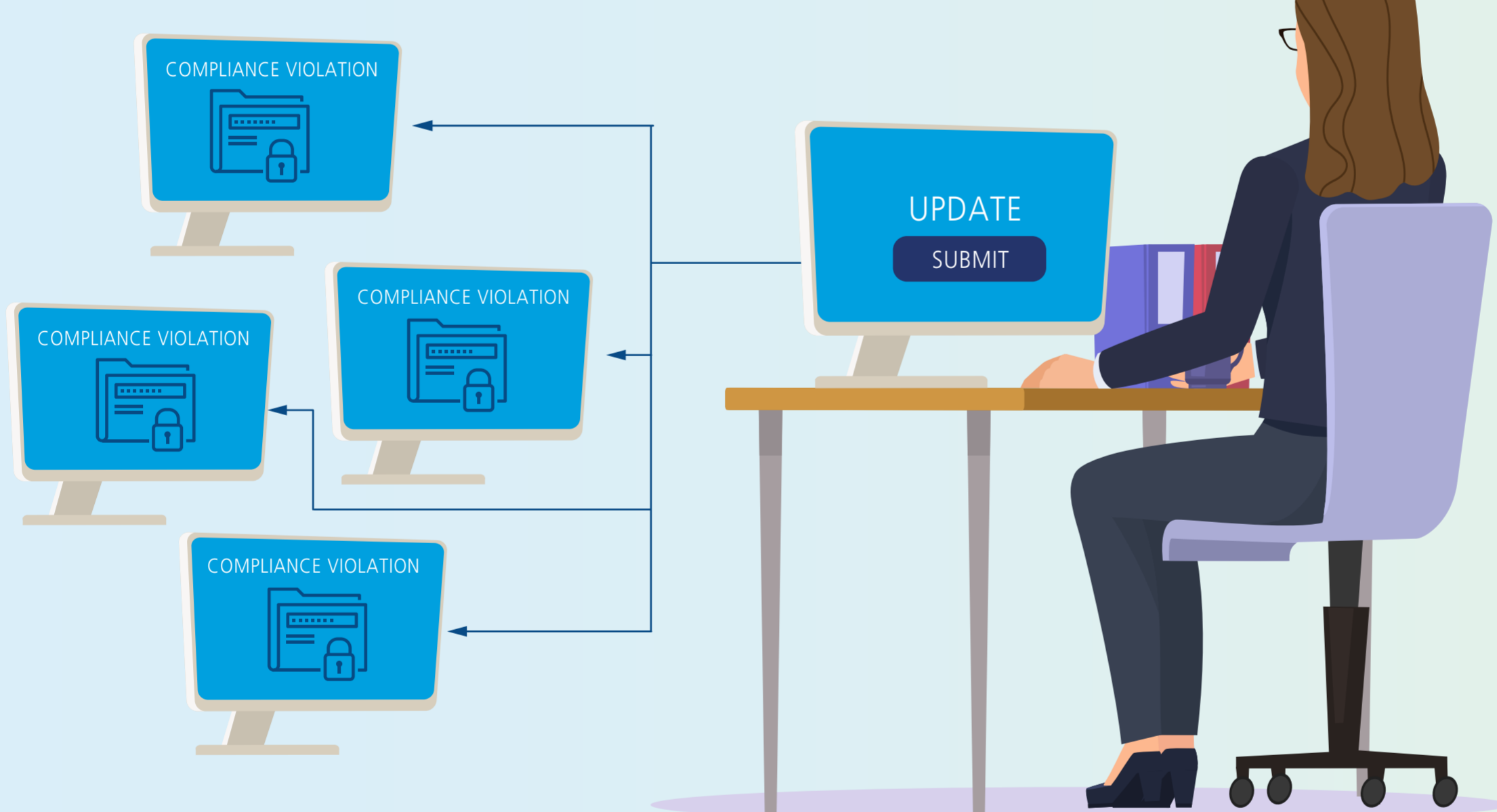


"It's amazing. AlgoSec tells me exactly where to go. It's like having a GPS for my firewalls"



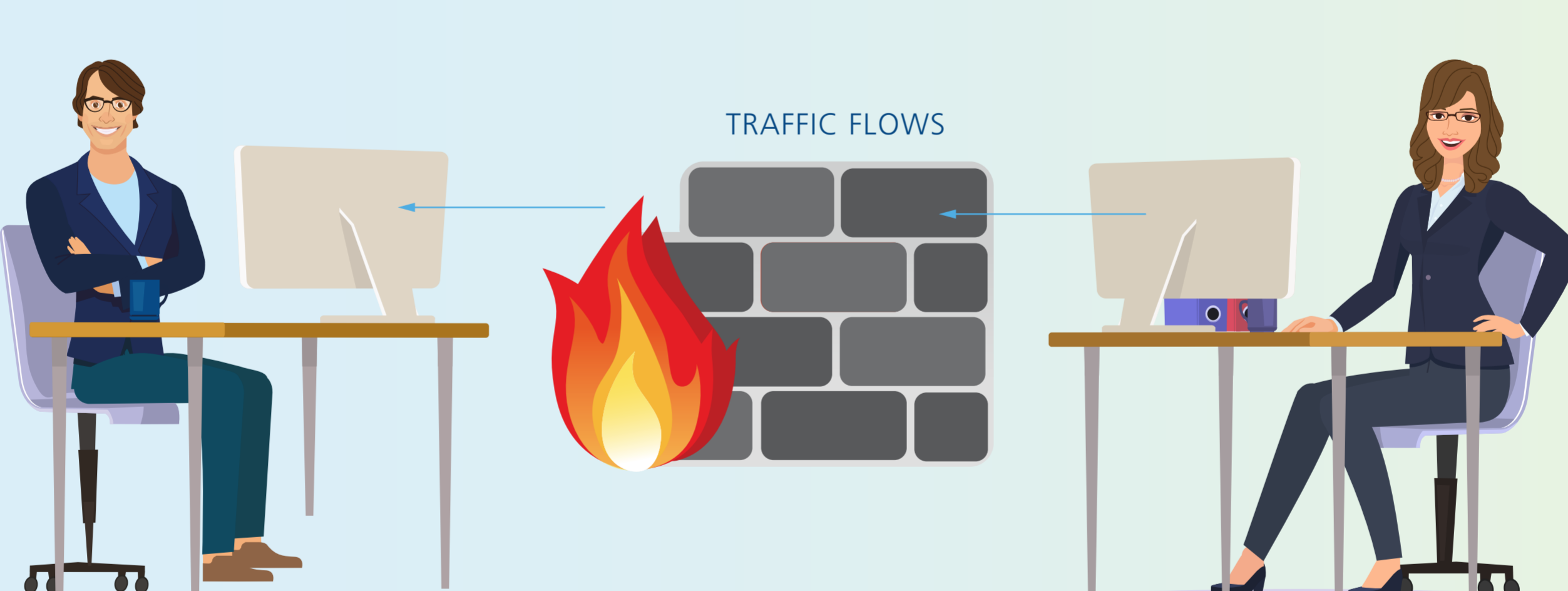
11:00 AM

Janet identifies where compliance is lacking and identifies which changes need to be made to comply with PCI DSS requirements. Some of the changes she can quickly make because AlgoSec shows her exactly where to look. She runs through the report and makes several quick but critical fixes.



02:00 PM

Janet identifies several devices not running the latest vendor-supplied security patches – a compliance violation. She requests that the relevant device owners update them.



05:00 PM

Janet logs into Firewall Analyzer to view traffic flows, including cardholder data, across the network. She then looks for business applications running in the PCI Zone and sends the information to Steve. As this information supports several PCI Requirements, this helps Steve prepare the compliance report.

05:30 PM

Janet checks the Regulatory Compliance dashboard again. She's amazed at how the company went from being 50% to 85% compliant in just one day.



05:45 PM

Steve is impressed. He is satisfied with the organization's compliance levels and is able to submit the report.

