

Business-Driven Network Security Automation

CHANGE MANAGEMENT

A DAY IN THE LIFE...

The company has a hybrid network – multi-vendor firewalls spread across a physical data center, ACI contracts and NSX distributed firewalls, as well as Amazon Web Services. Each platform is protected by its own security control.

MEET SUSAN
Finance Director



MEET DAVE
The IT Director



Responsible for implementing the company's network security policies.

9:03 AM

Susan submits a change request to allow connectivity to the new payroll application.

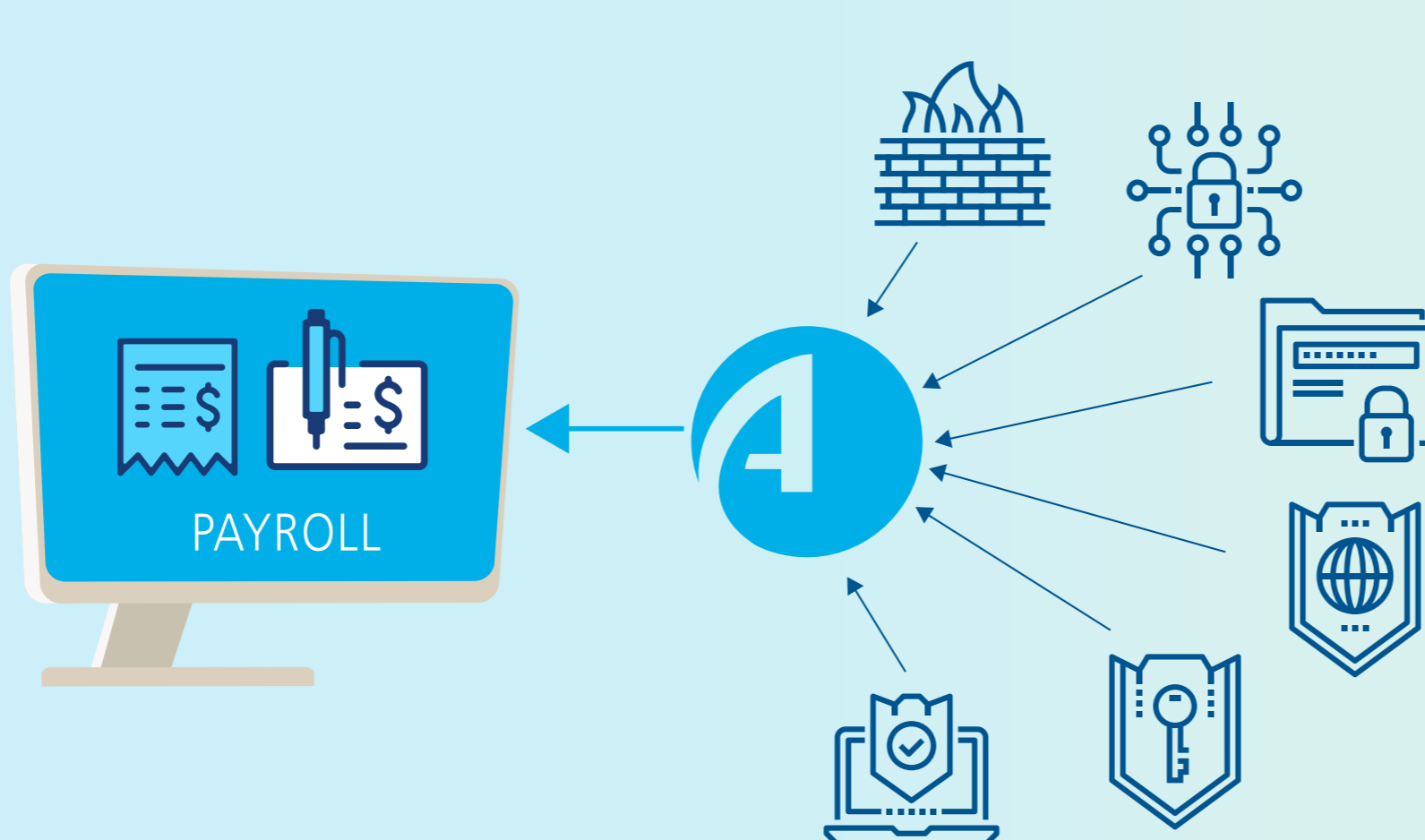


"Wow, I didn't realize that this device also requires a change."

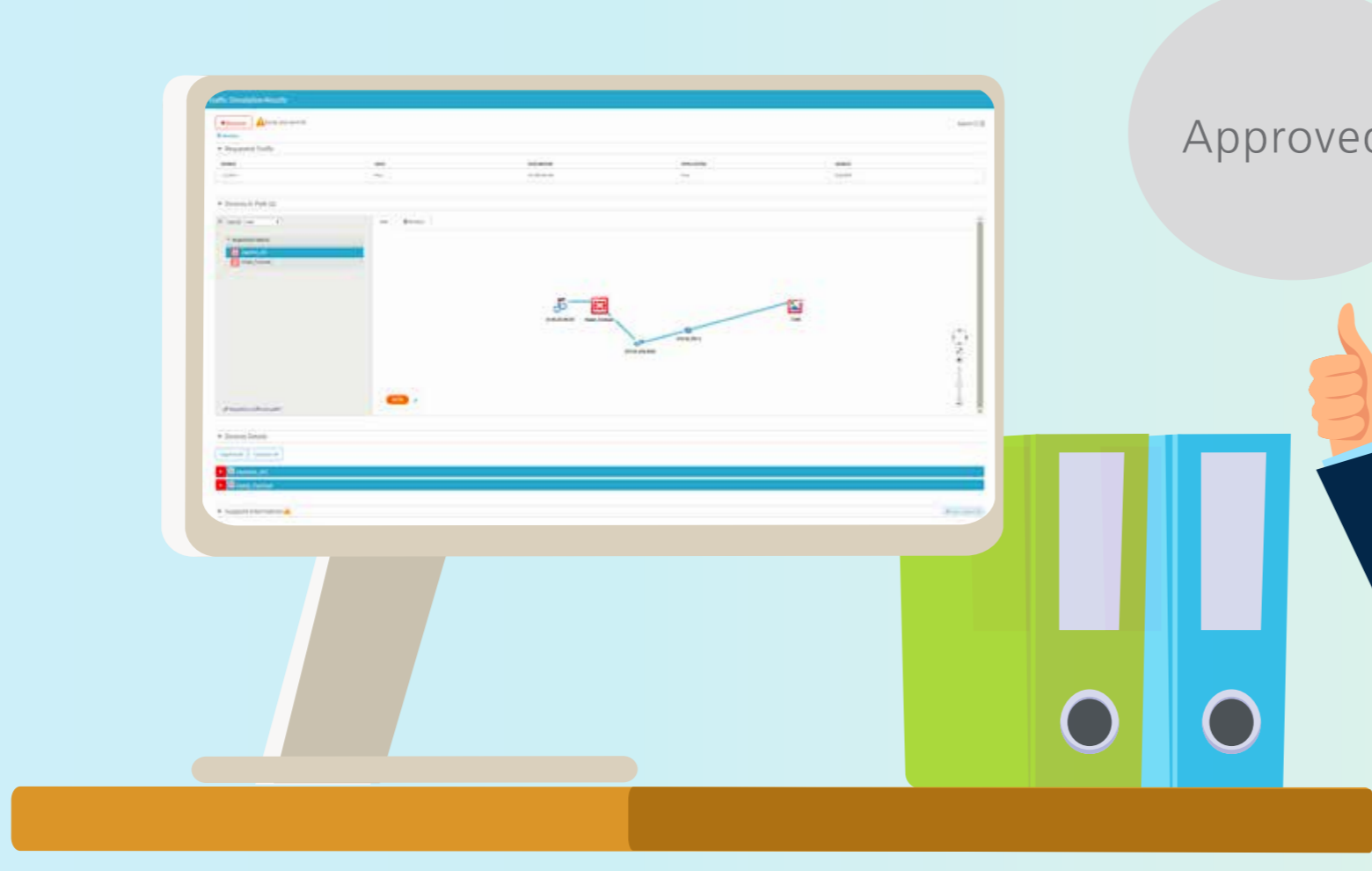


9:11 AM

Dave sees Susan's change request. Dave can see if any security policies block access to the new payroll application as well as already-working security devices that don't require changes.



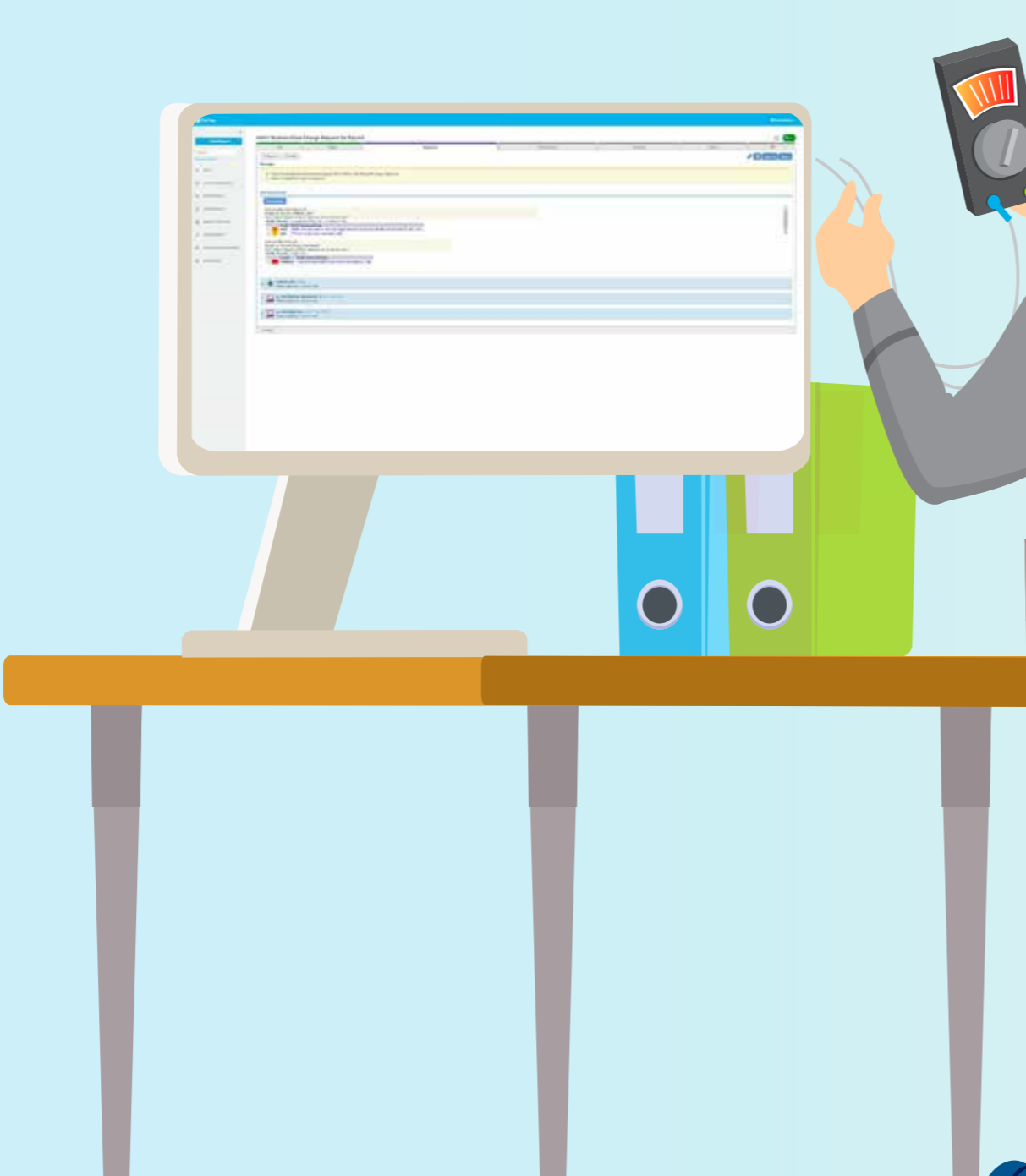
AlgoSec provides the ability to map which devices are in path across the network environment. The new payroll application is blocked by Check Point and Palo Alto Networks firewalls, a Cisco ACI contract, and also by an AWS security group.



Approved!

9:32 AM

Dave accepts the initial plan



9:35 AM

AlgoSec automatically initiates a Risk Check against Dave's accepted plan. High-level risk requires management approval. The request is routed to Dave's manager.

11:31 AM

Dave's manager has reviewed AlgoSec's risk assessment and determined that the risk is acceptable and approves the changes. AlgoSec automatically created recommended configuration changes.

"Wow, we better not allow access down this path otherwise we'll grant access to this critical financial data."



11:47 AM

After a brief review, Dave agrees with the recommendations. Dave automatically pushes the configuration change to the company's security devices using AlgoSec's ActiveChange



"Wow, that was simple! In the past, this would have taken weeks to implement the policies manually on each device."



03:03 PM

After the modification window, Dave sees that AlgoSec has validated the change. The payroll application now works.



Did you know ?
AlgoSec automates the security policy change request process from start-to-finish, with a Zero-Touch workflow, offering visibility and automation

3:12 PM

Susan is pleasantly surprised that the change request was completed. She is pleasantly surprised. Usually, these take a few weeks, not hours. Susan and employees can now access the payroll system.