

# Busting Silos & Red Tape: DevOps in Federal Government

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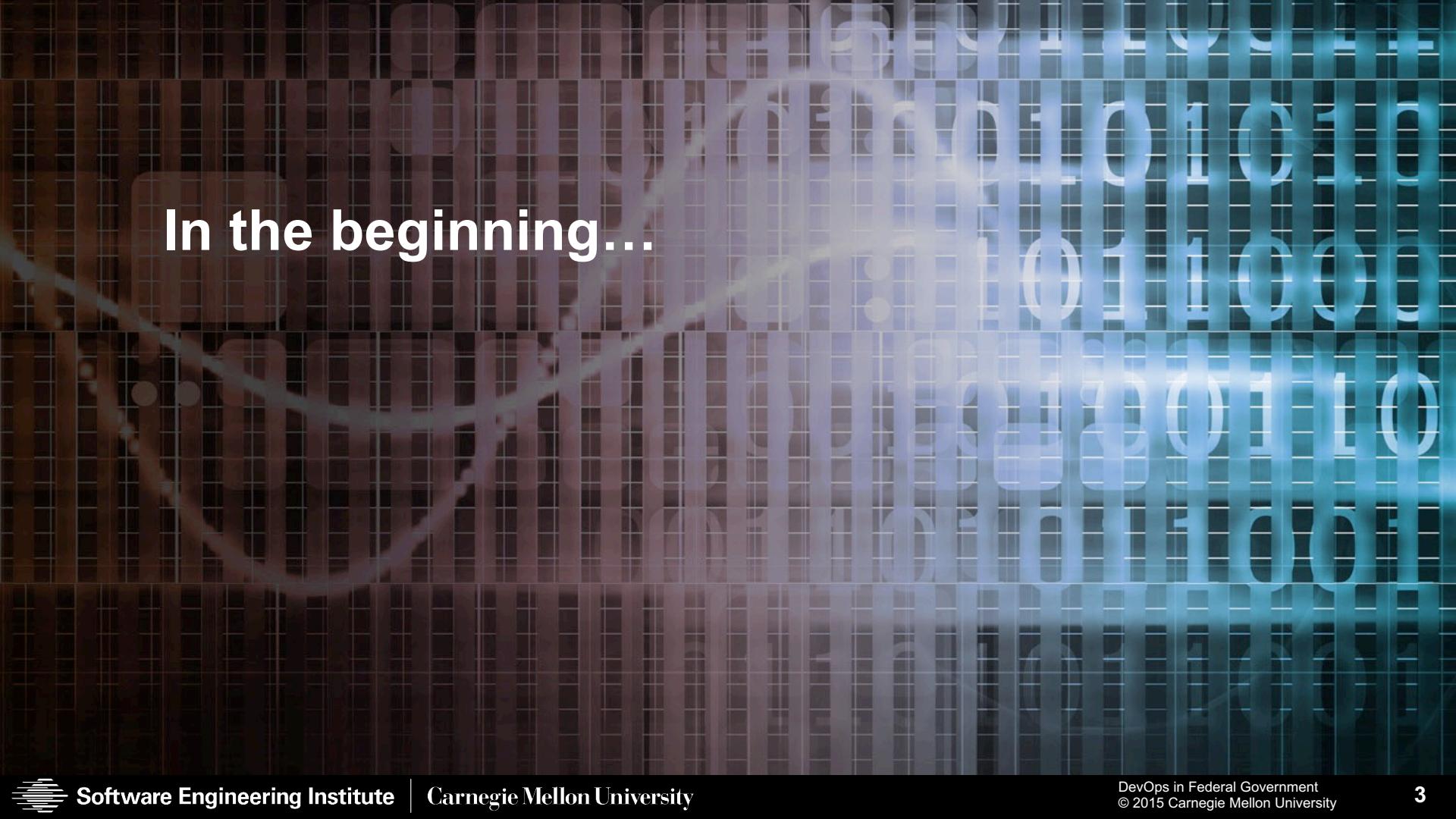
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# In the beginning...



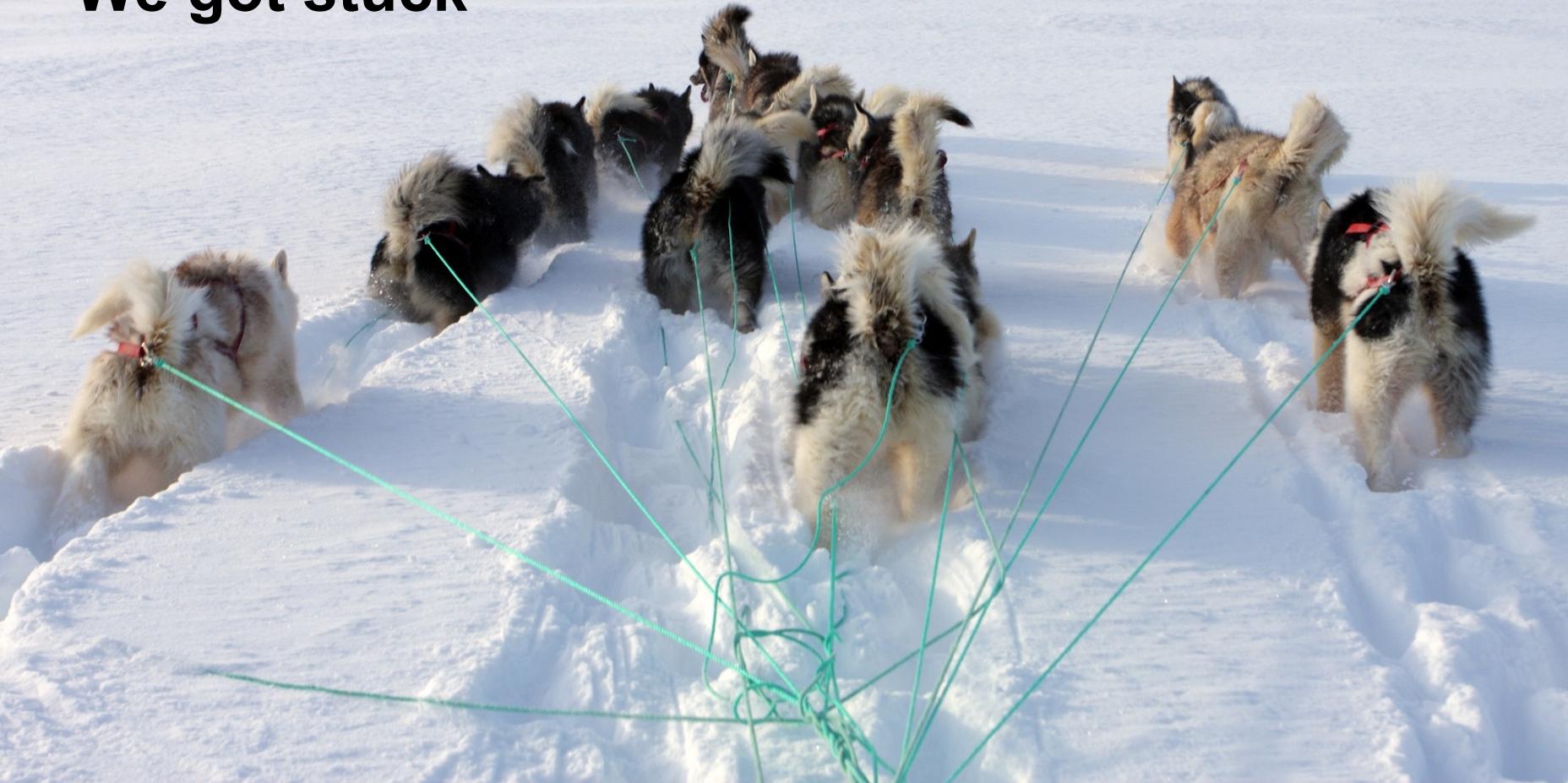
# Who Are We?



# Ready to go!



# We got stuck



# Conflict



# We Took A Step Back to Regroup

A close-up photograph of two Siberian Huskies sleeping in the snow. The dog in the foreground is white with dark grey markings and is wearing a blue harness with the word "HUSKY" printed on it. The dog behind it has brown and white fur and is wearing a red harness. Both dogs have their eyes closed and are resting on a bed of white snow.

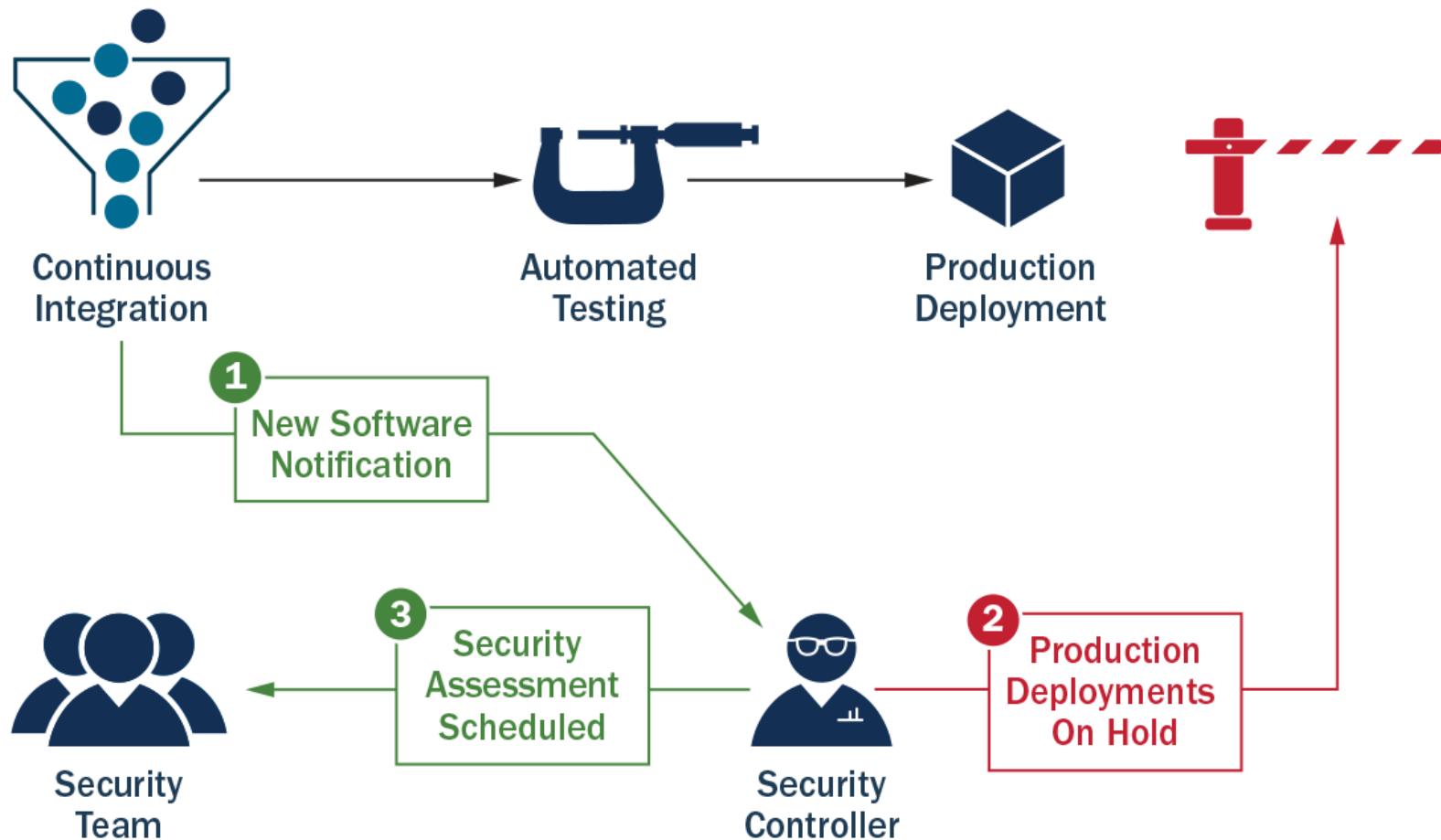


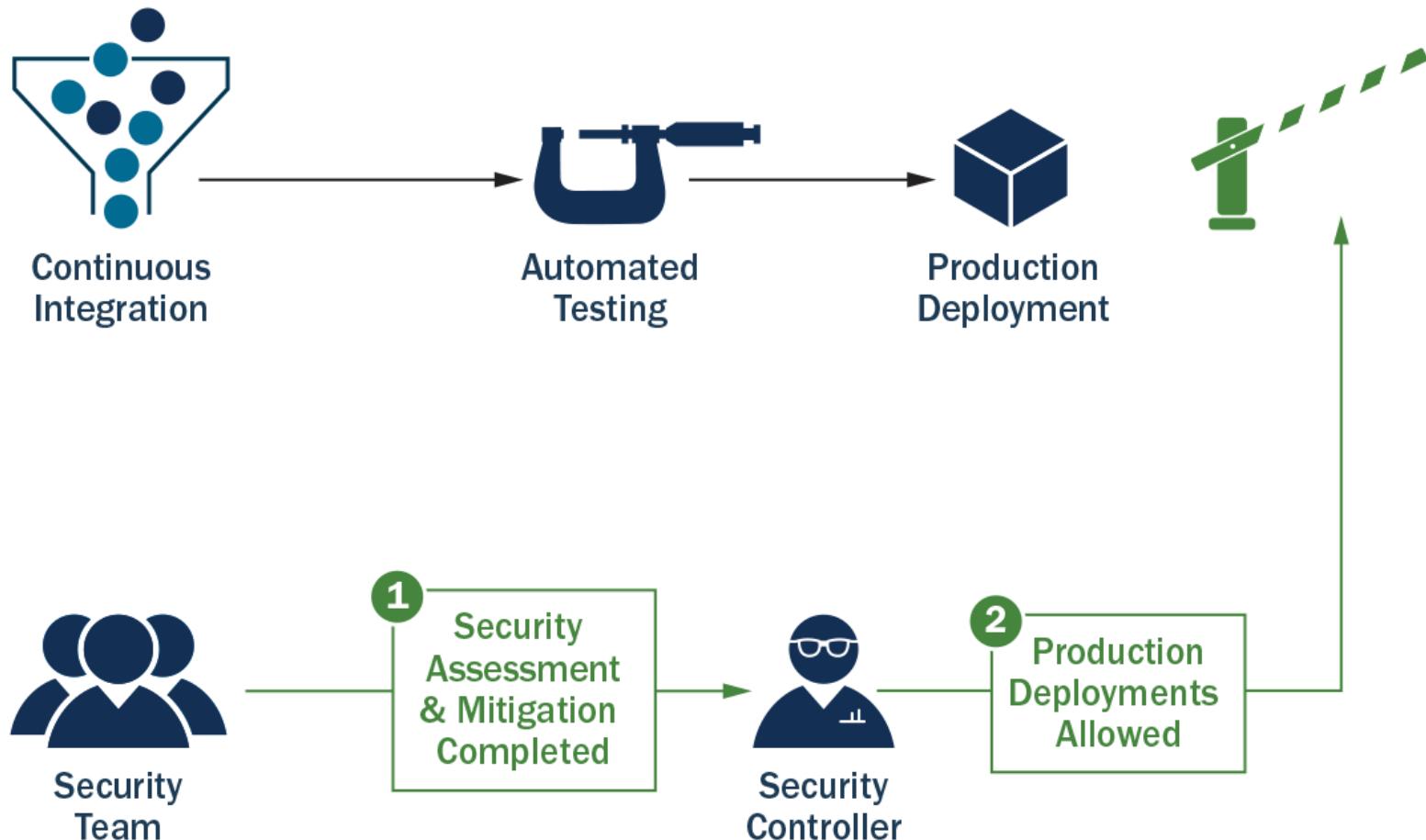
We worked on workflow

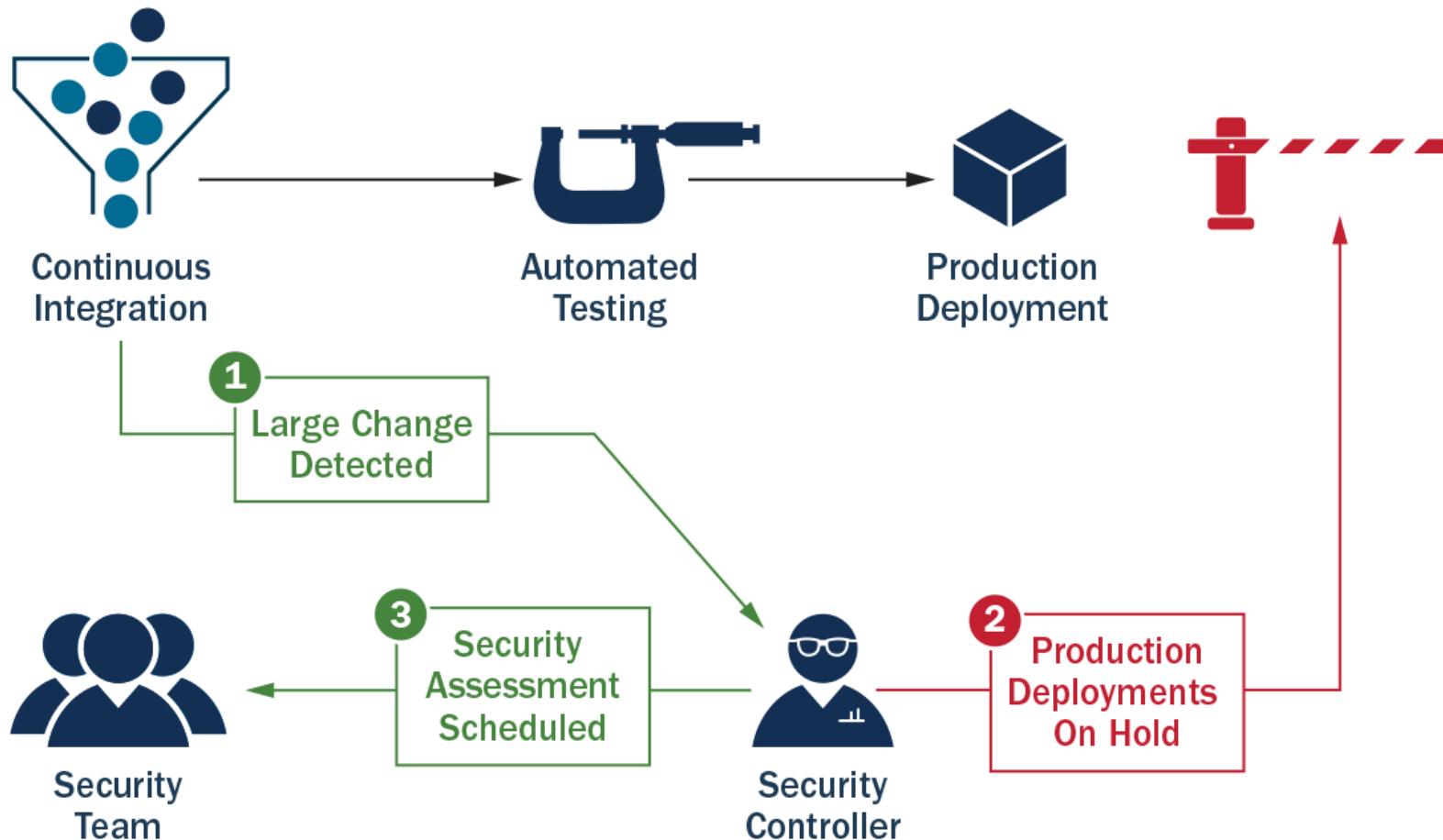


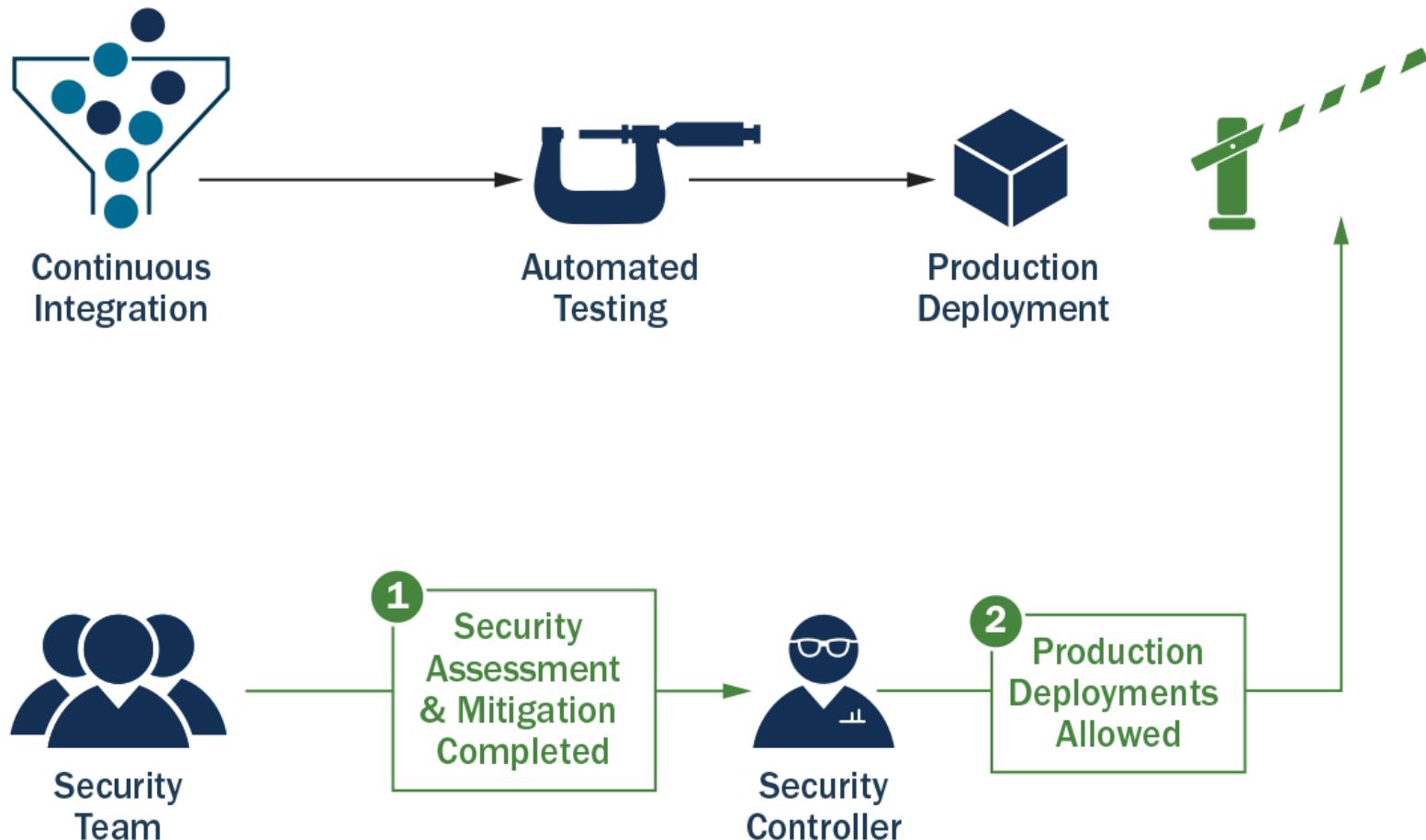


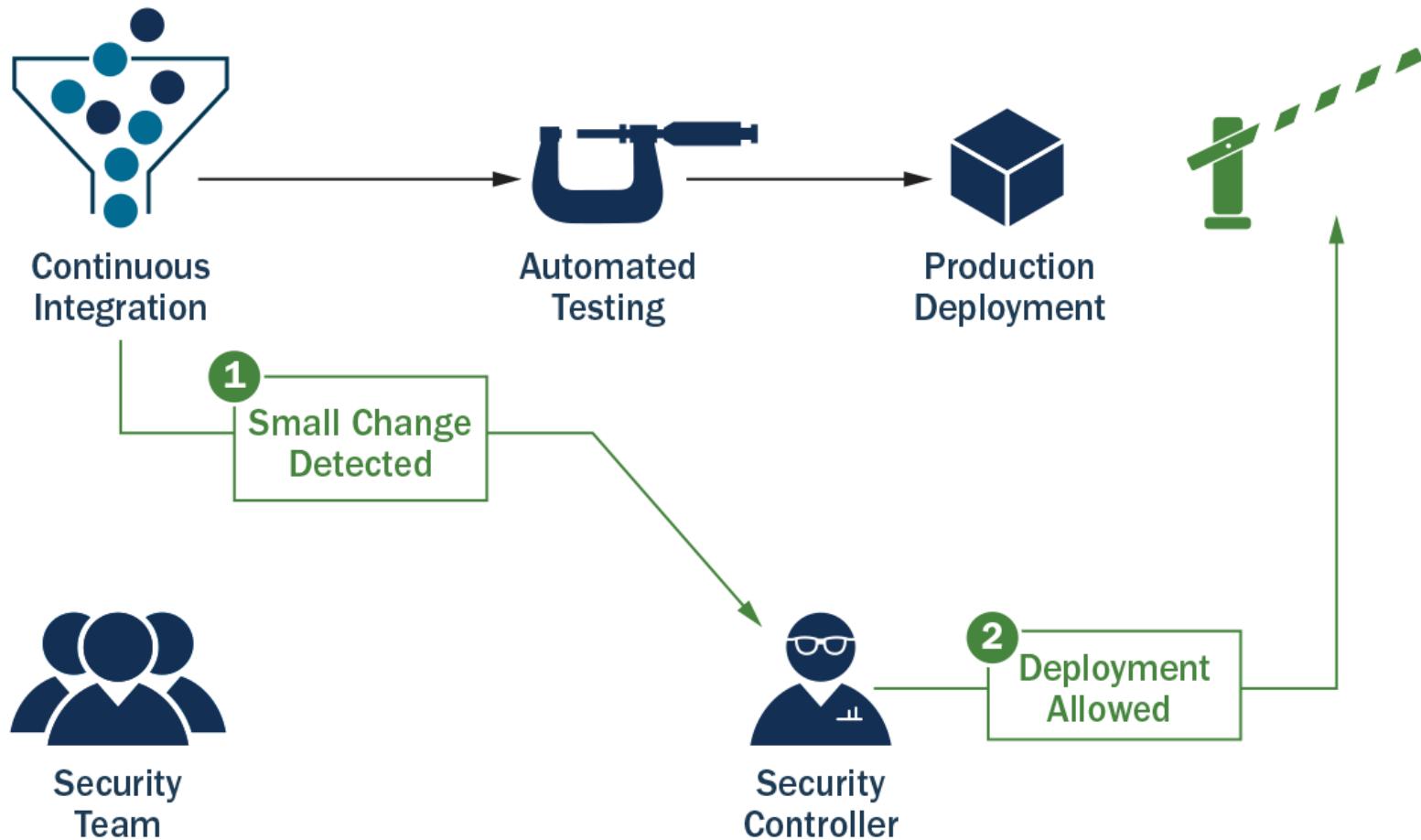
# Security Bottleneck











# Experimentation and Learning

A photograph of two dogs, likely Huskies or similar breeds, standing on large, wet rocks near a waterfall. The dog on the left is black with white markings on its paws and chest, and its tongue is hanging out. The dog on the right is also black with white markings, including a white patch on its forehead and white paws. Both dogs appear to be panting. The background shows a rocky stream bed with water flowing over rocks, and some green grass and trees in the distance.

# PCSAM

Problem

Cause

Solution

Action

Measure



“I fear not the man who has practiced ten thousand kicks once, but I fear the man who has practiced one kick ten thousand times.” – Bruce Lee

A close-up photograph of two dogs barking. The dog in the foreground is a light-colored breed with its mouth wide open, showing its tongue and teeth. Another dog's head is visible behind it. The background is blurred.

# Improved Feedback



An actor operating as a singleton is sabotaging the system.

# Empathy



# Strangers == Stress == Lower Empathy



# Results



## SEI DevOps Blog

<https://insights.sei.cmu.edu/devops>

## Secure DevOps Symposium (November 5<sup>th</sup>)

<http://www.cert.org/go/dev-ops-symposium>

# Top Five Takeaways

1. Culture is #1 barrier to change
2. Shift left your understanding of key stakeholders
3. Continual process improvement can expose useful metrics
4. AppSec can't be fully automated (yet), but we can do better
5. Empathy is huge and fixable through shared experiences

# Here's what I'm looking for help with...

Automate all the security things!

# Thanks!

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