Deploy More. Sleep Better.

The Walmart DevOps journey





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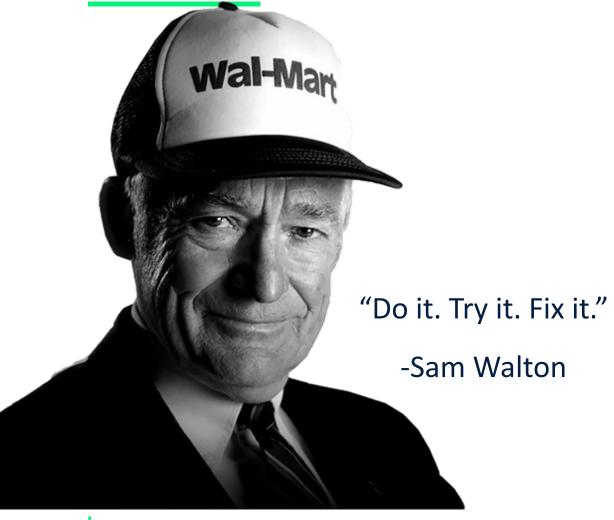


Peak volume started in March this year...

We were ready



2015 – CD Experiments



- First DevOps Day
- First product teams
- Rearchitected for delivery
- Focused on Cl

"Why can't we deliver today?"

"Let's fix it!"



Takeaways from Experiments

- ✓ Focus on measurable outcomes
- ✓ Good practices should be the easy path
- √ Tools and behaviors are best grown together
- ✓ Continuous delivery catalyzes culture change
- ✓ Teams are happier delivering better value sooner and safer.

Replicating outcomes...



Deliberate Transformation Strategy

Clear goals

Global CD platform

Engineering communities

Gamification

Tech Coaching

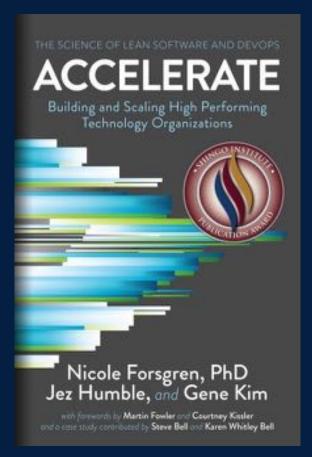


Defined Goals

More frequent delivery
Higher quality
More joy

Common context
Shared values & measures





Building the Delivery Platform

Took on support for existing tools

Incrementally replaced capabilities

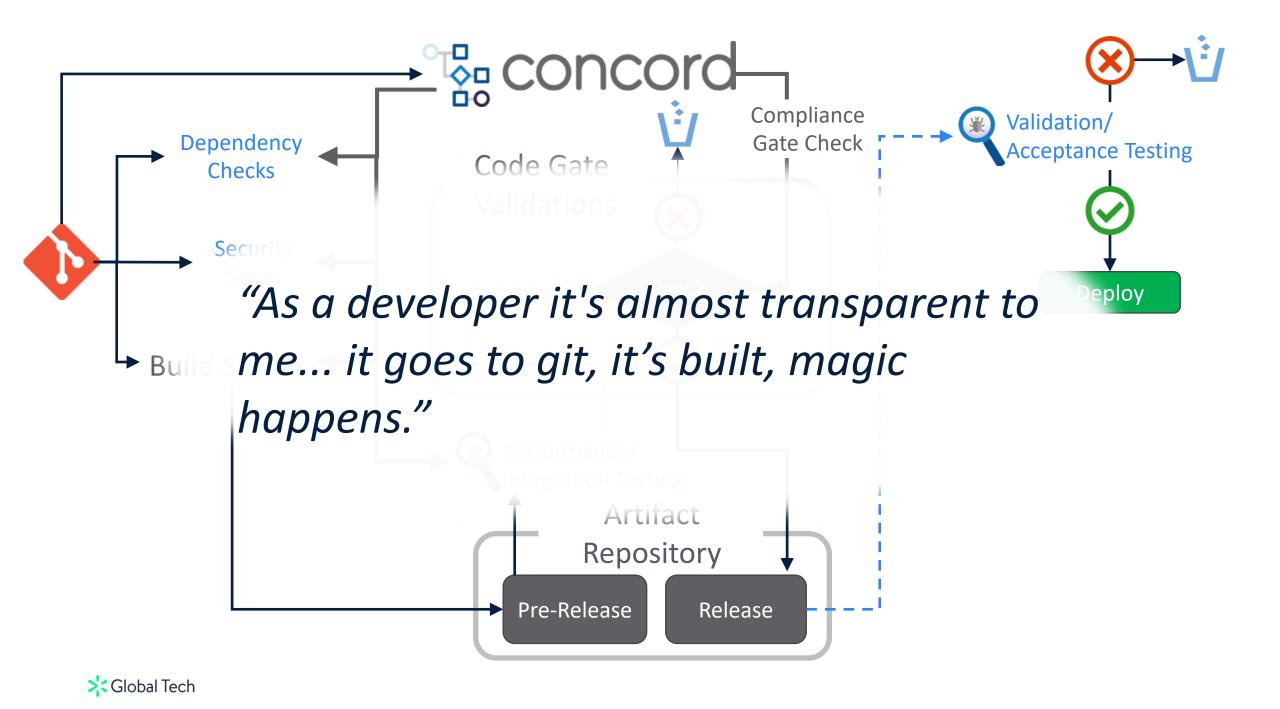
Helped teams migrate

Removed duplication



Irresistible Developer Experience





Gamified Metrics



Growing Communities

Provide material support

Make the community the owners

Support community driven standards



Helping Others on the Journey



Provide examples of good practices

Help solve problems

Immersive learning

Evangelism

Leadership is bought in

Executive leadership focused on leading the change

CD thought leadership and execution is recognized and encouraged

Prioritizing common metrics to help teams track improvement

Platform / User Partnership

"Easy for us to extend..."

"We've contributed ideas and code back to the platform, elevating us beyond mere consumers..."

Dojo docs, examples, and workshops help.

Creates better...

Outcomes

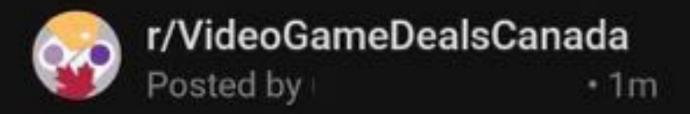
Deploy 72x more frequently

Cost to Deploy reduced by 93%

Lead time reduced by 92%

Which enables better...

Customer Satisfaction



Xbox Series X - Preorder. Hat's off to Walmart

I need to give Walmart huge props for site performance for both the PS5 and Xbox pre-order. It was the only site that didn't crash or screw around.

Responding to COVID19



Learnings so far...

Why > What

Helping > Directing

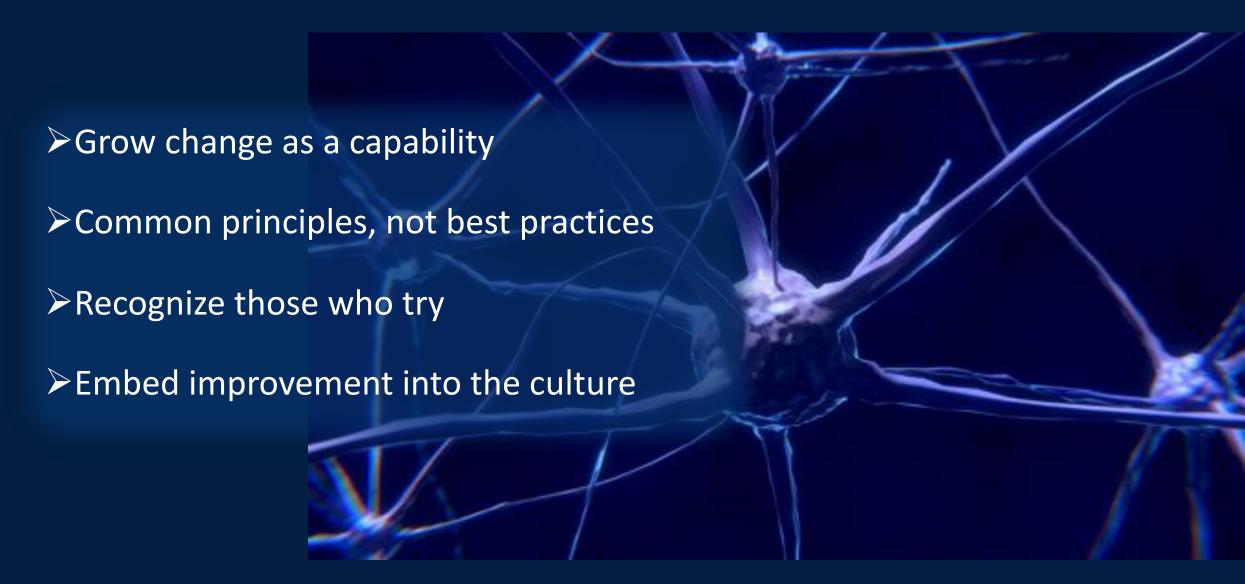
Ownership > Accountability

Clear goals + Ownership == Improvement

Engineers want to solve problems.

They need the right problems to solve.

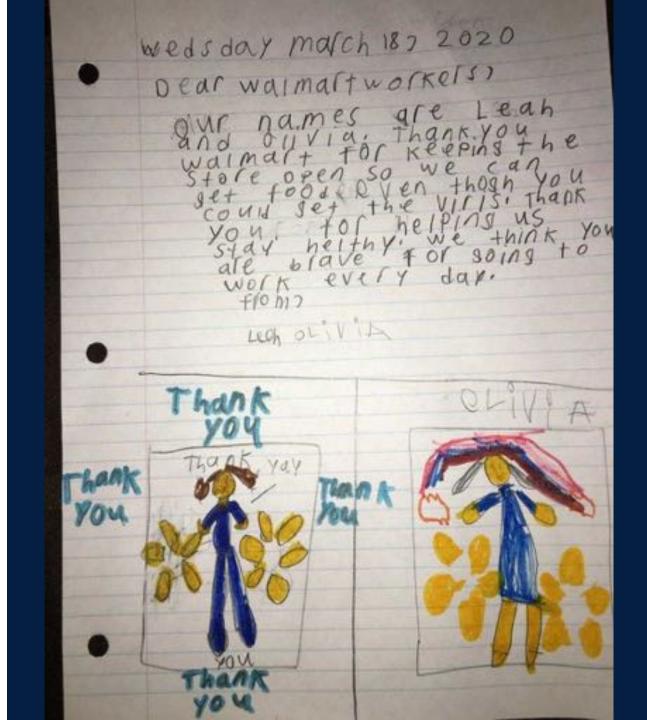
Don't scale vertically. Grow horizontally.



Helping Leah and Oliva

"Thank you Walmart for keeping the store open...

Thank you for helping us stay healthy."





What we'd like to know...

How do you measure the effectiveness of your transformation?

Thank you!

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