DevSecOps 101

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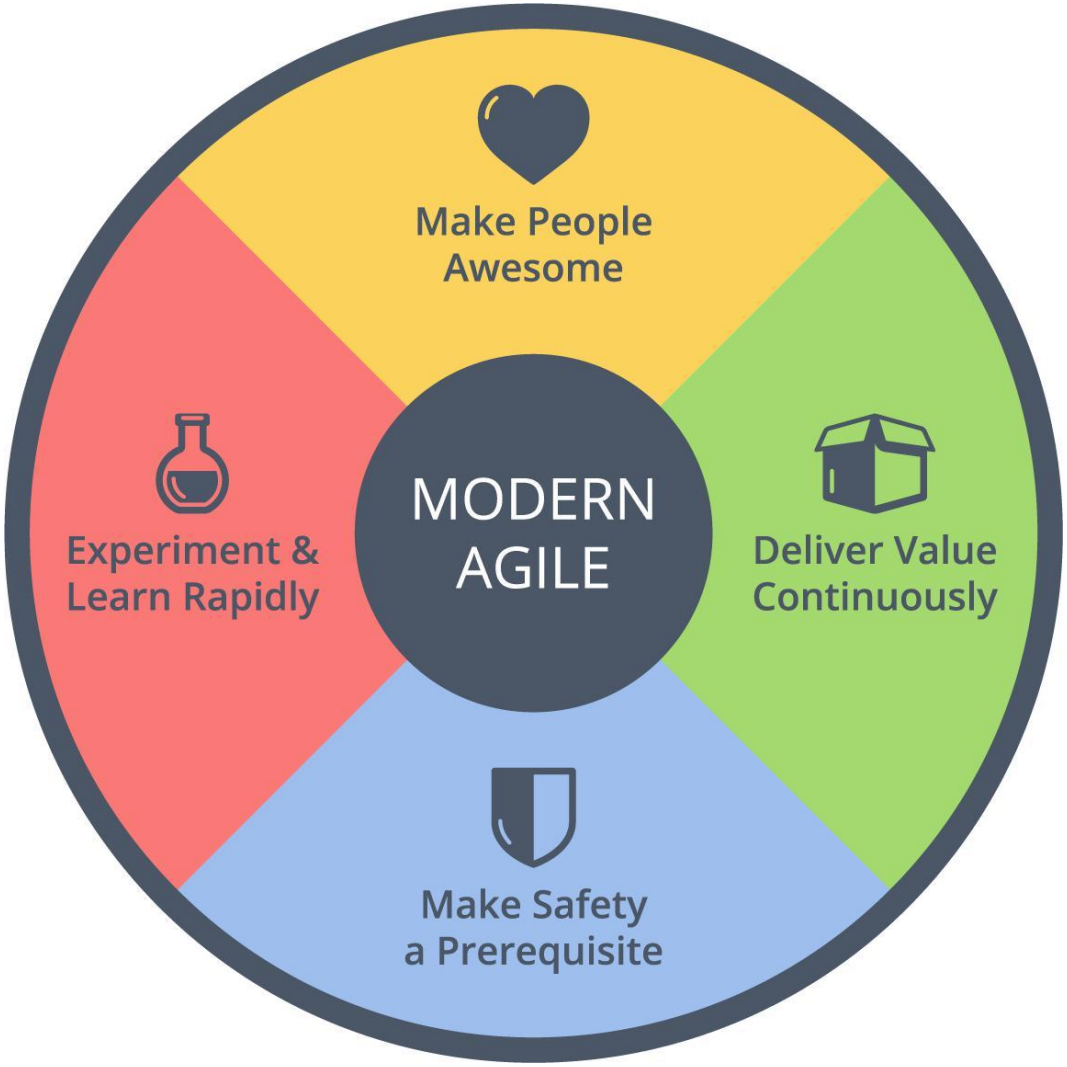
Overview

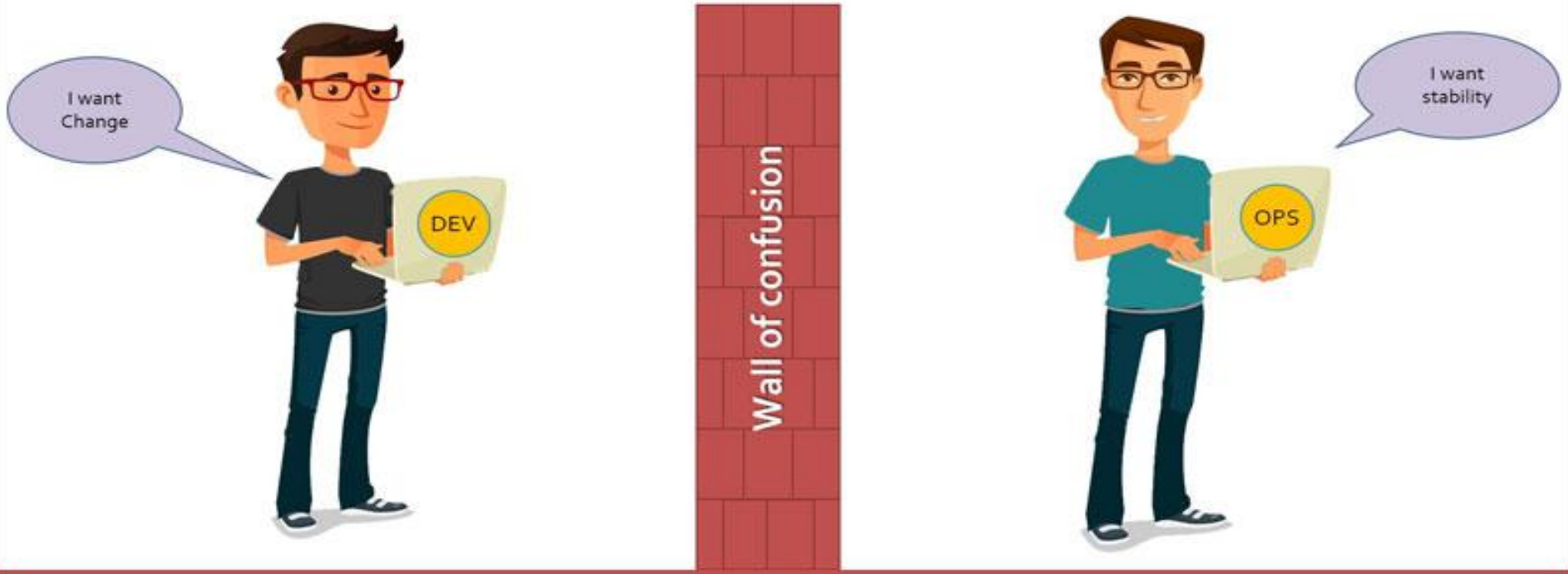
- O que é Agile
- O que é DevOps
- O que é DevSecOps

Agile

- Pessoas > Processos
- Software > Documentação
- Colaboração > Negociação
- Responder a Mudanças > Plano

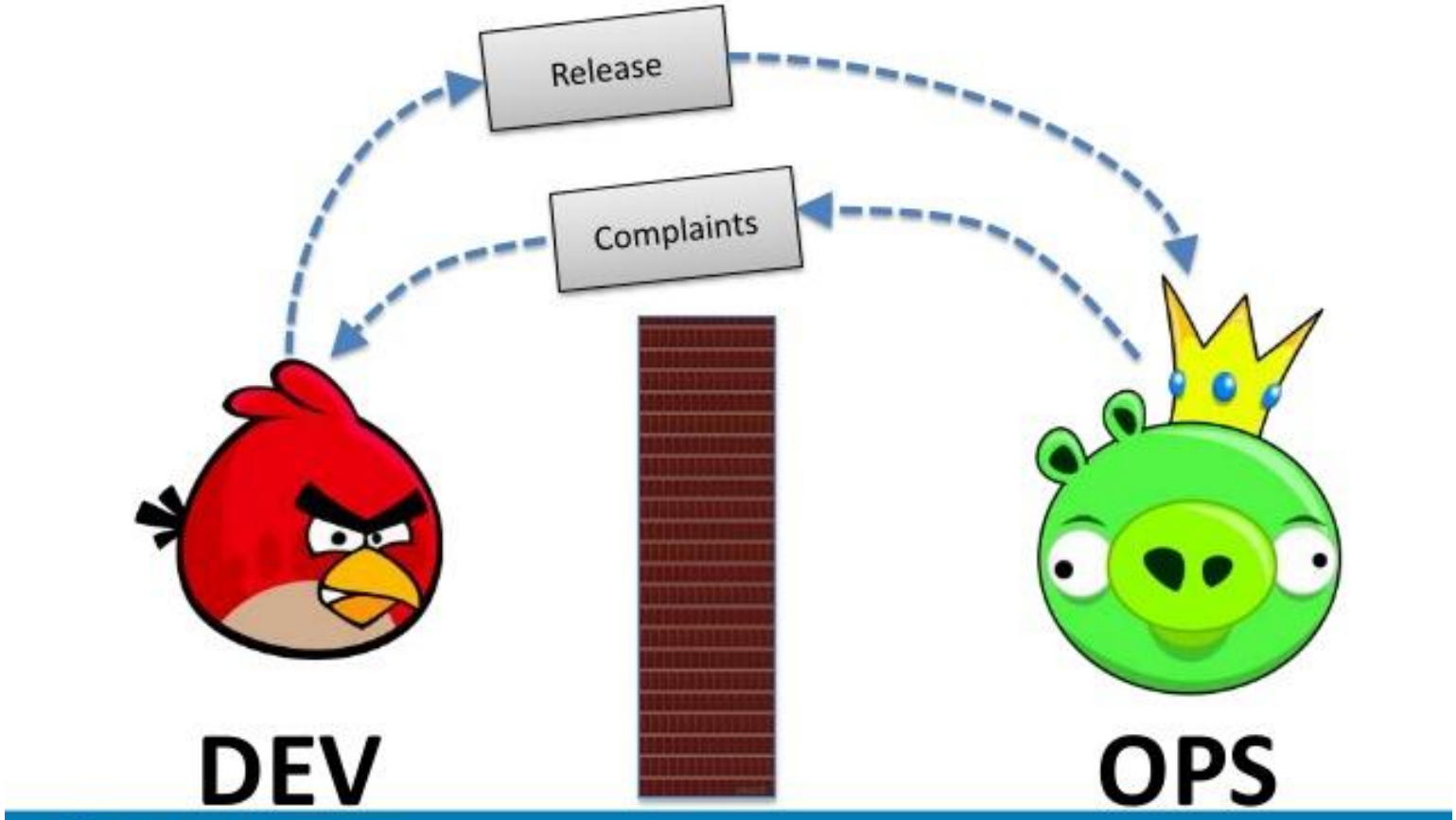

Make People
Awesome
Deliver Value
Continuously
Make Safety
a Prerequisite
Experiment &
Learn Rapidly
MODERN
AGILE

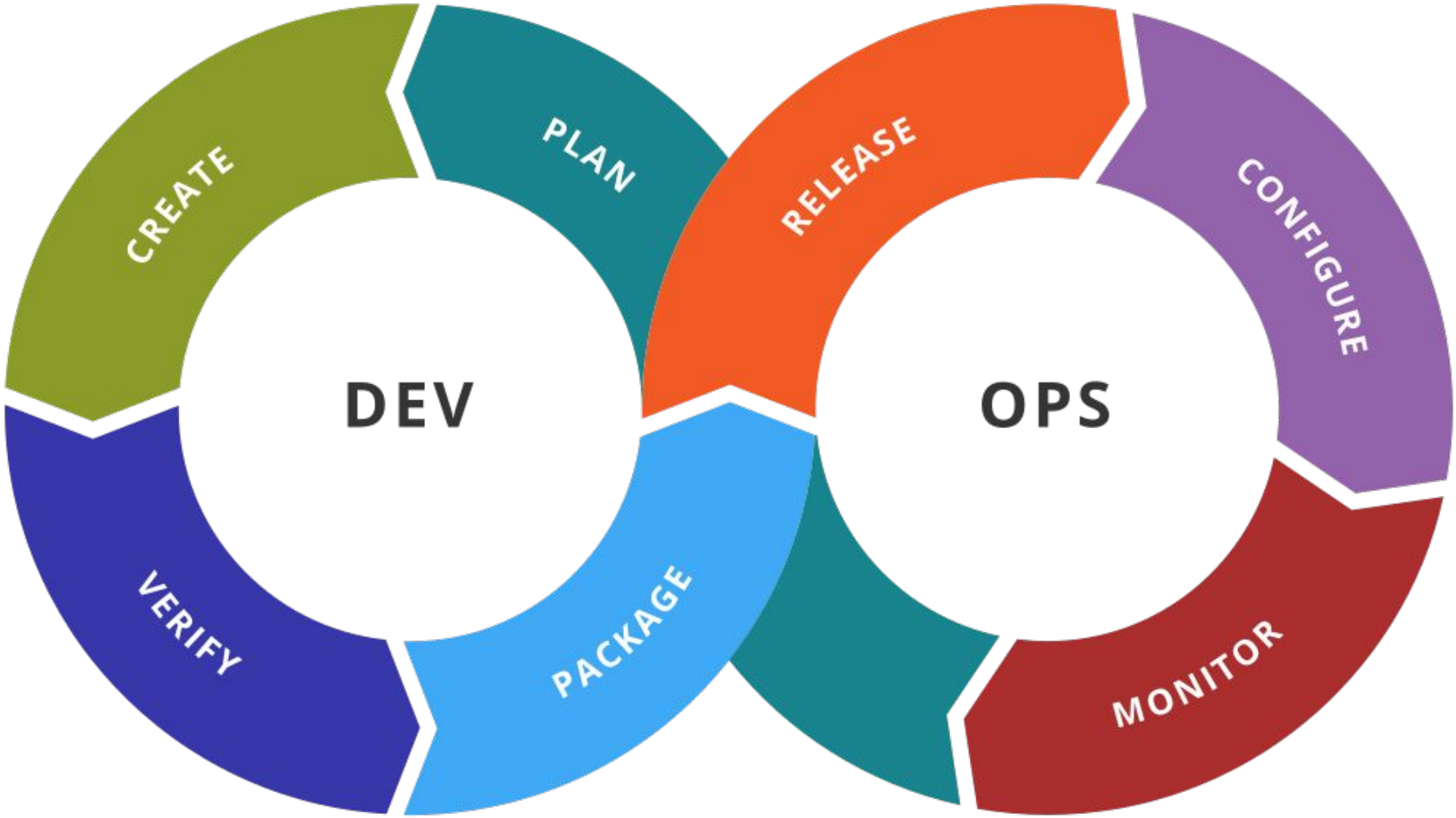
I THOUGHT WE
ARE GOING
FULL AGILE
memegen.com

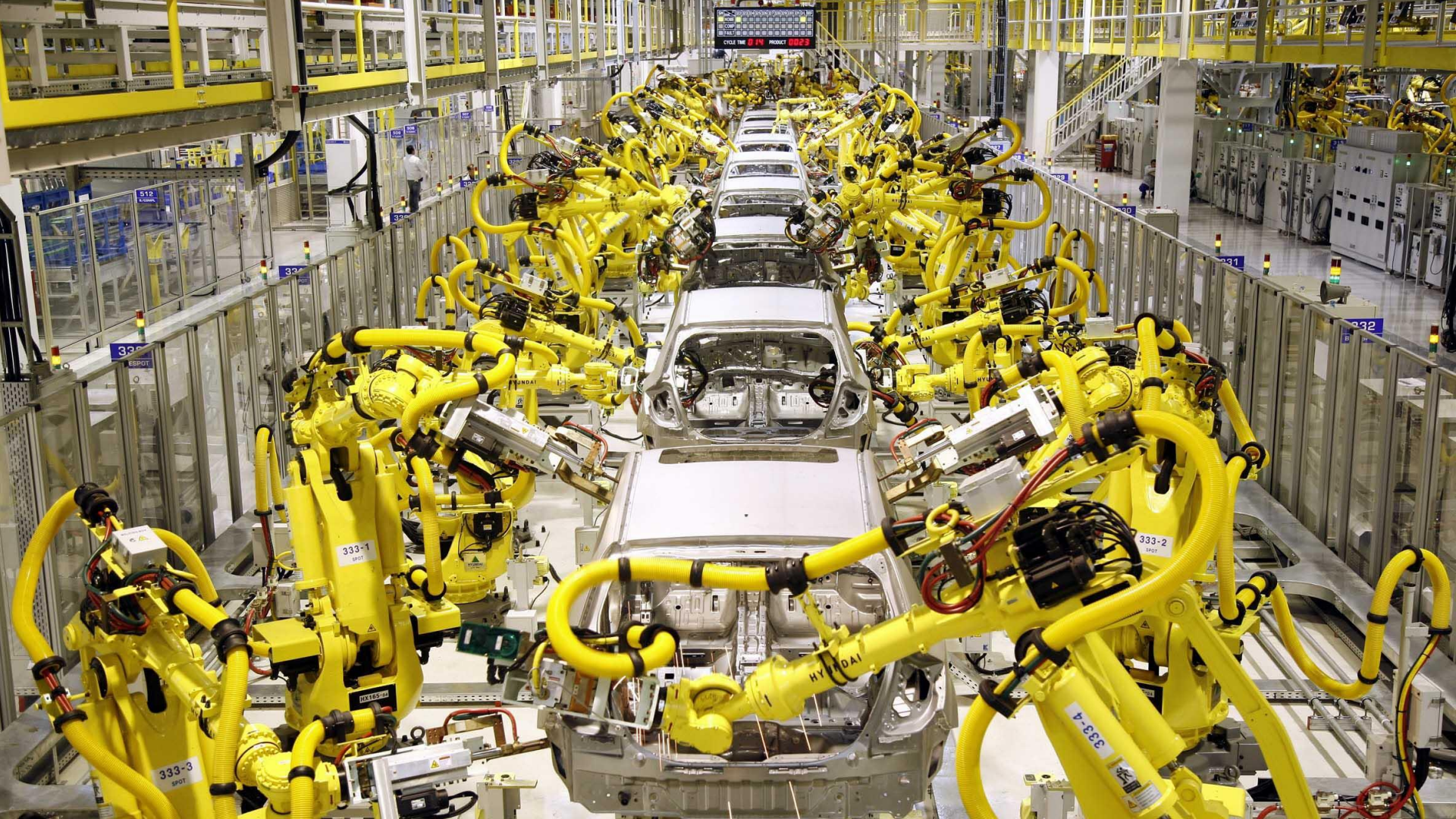


The Battle – Dev Vs Ops

Non-stop Battle: Angry Dev vs Ops




CREATE
PLAN
RELEASE
CONFIGURE
DEV
OPS
VERIFY
PACKAGE
MONITOR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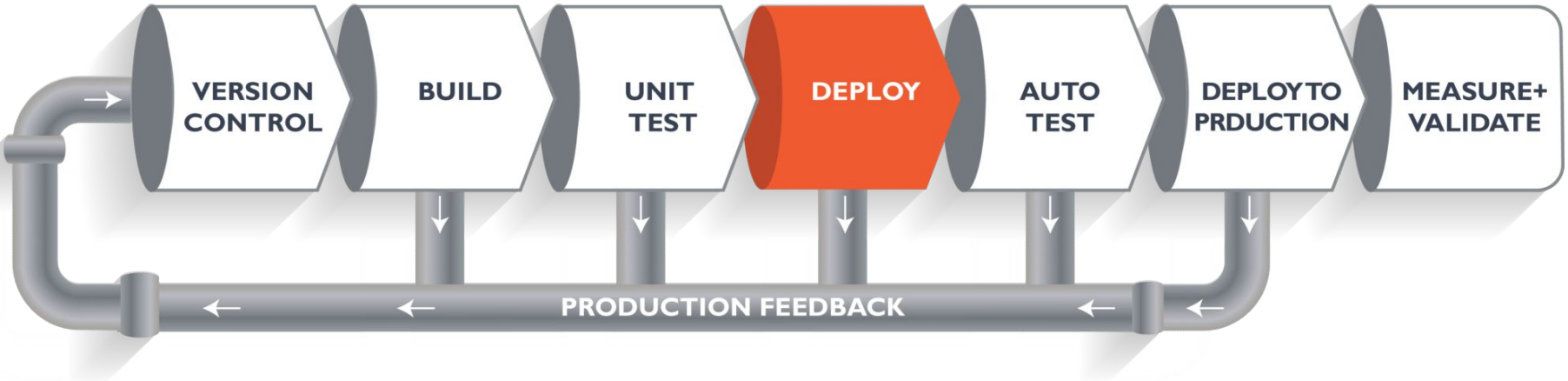
HYUNDAI


VERSION CONTROL
BUILD
UNIT TEST
DEPLOY
AUTO TEST
DEPLOY TO PRDUCTION
MEASURE+ VALIDATE
PRODUCTION FEEDBACK

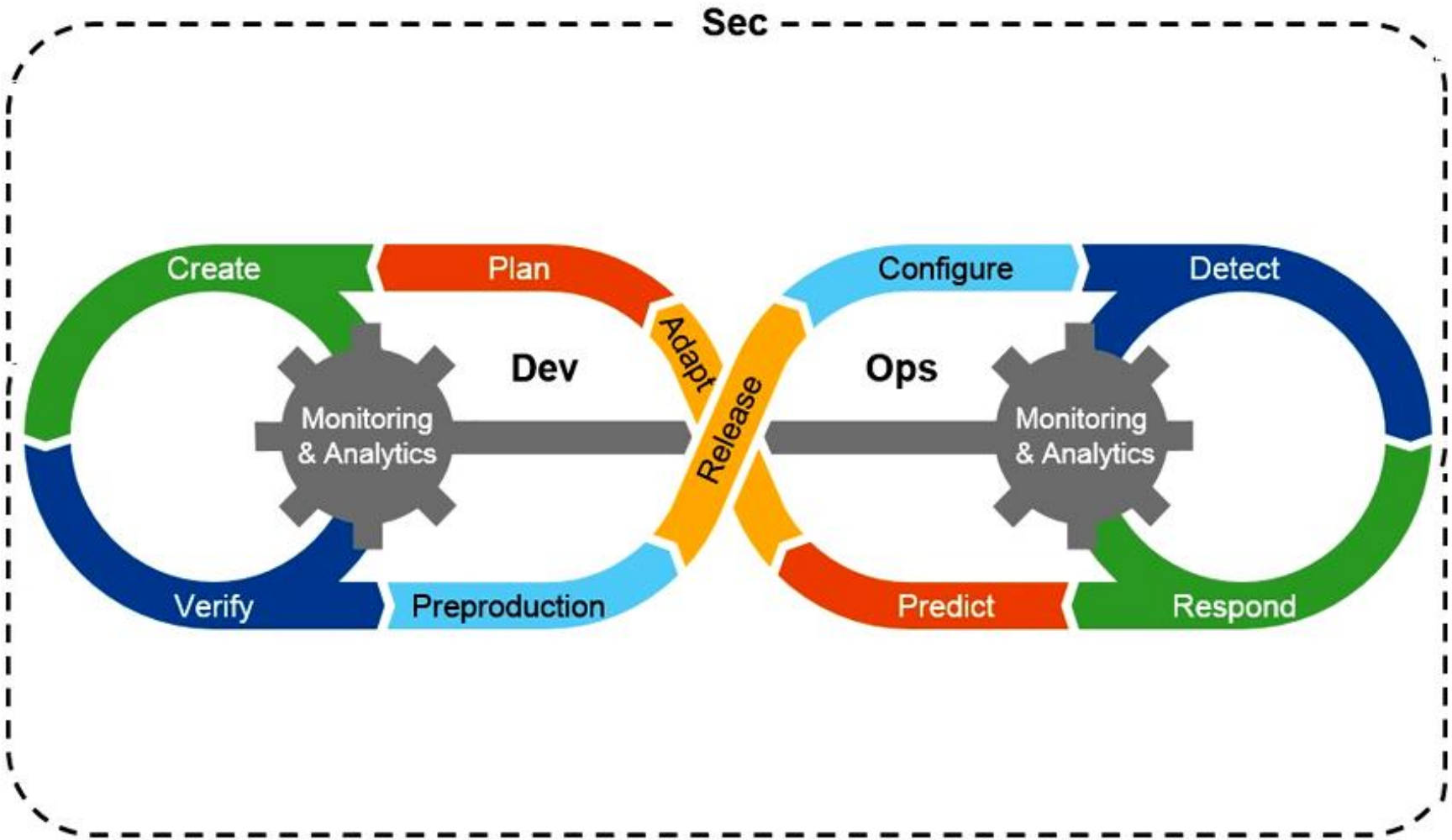
10 deploys per day

Dev & ops cooperation at Flickr

John Allspaw & Paul Hammond

Velocity 2009

https://www.youtube.com/watch?v=LdOe18KhtT4


Sec
Create
Plan
Configure
Detect
Dev
Ops
Adapt
Release
Monitoring & Analytics
Monitoring & Analytics
Verify
Preproduction
Predict
Respond

Along with the adoption of **DevOps**, comes the need to redefine security's role in the SDLC, shifting security “to the left,” earlier in the development stage instead of close to production at the end.

O'REILLY®

Agile Application Security

ENABLING SECURITY IN A CONTINUOUS DELIVERY PIPELINE

Laura Bell, Michael Brunton-Spall,
Rich Smith & Jim Bird

DEVSECOPS

- **Leaning in** over Always Saying “No”
- **Data & Security Science** over Fear, Uncertainty and Doubt
- **Open Contribution & Collaboration** over Security-Only Requirements
- **Consumable Security Services with APIs** over Mandated Security Controls & Paperwork
- **Business Driven Security Scores** over Rubber Stamp Security
- **Red & Blue Team Exploit Testing** over Relying on Scans & Theoretical Vulnerabilities
- **24x7 Proactive Security Monitoring** over Reacting after being Informed of an Incident
- **Shared Threat Intelligence** over Keeping Info to Ourselves
- **Compliance Operations** over Clipboards & Checklists

Integrar Segurança no Processo de Desenvolvimento

Obrigado

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