

From Open Source to Inner Source

How Open Source ONAP Has Changed Amdocs



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April 3, 2019



AT&T's ECOMP co-created by AT&T and Amdocs



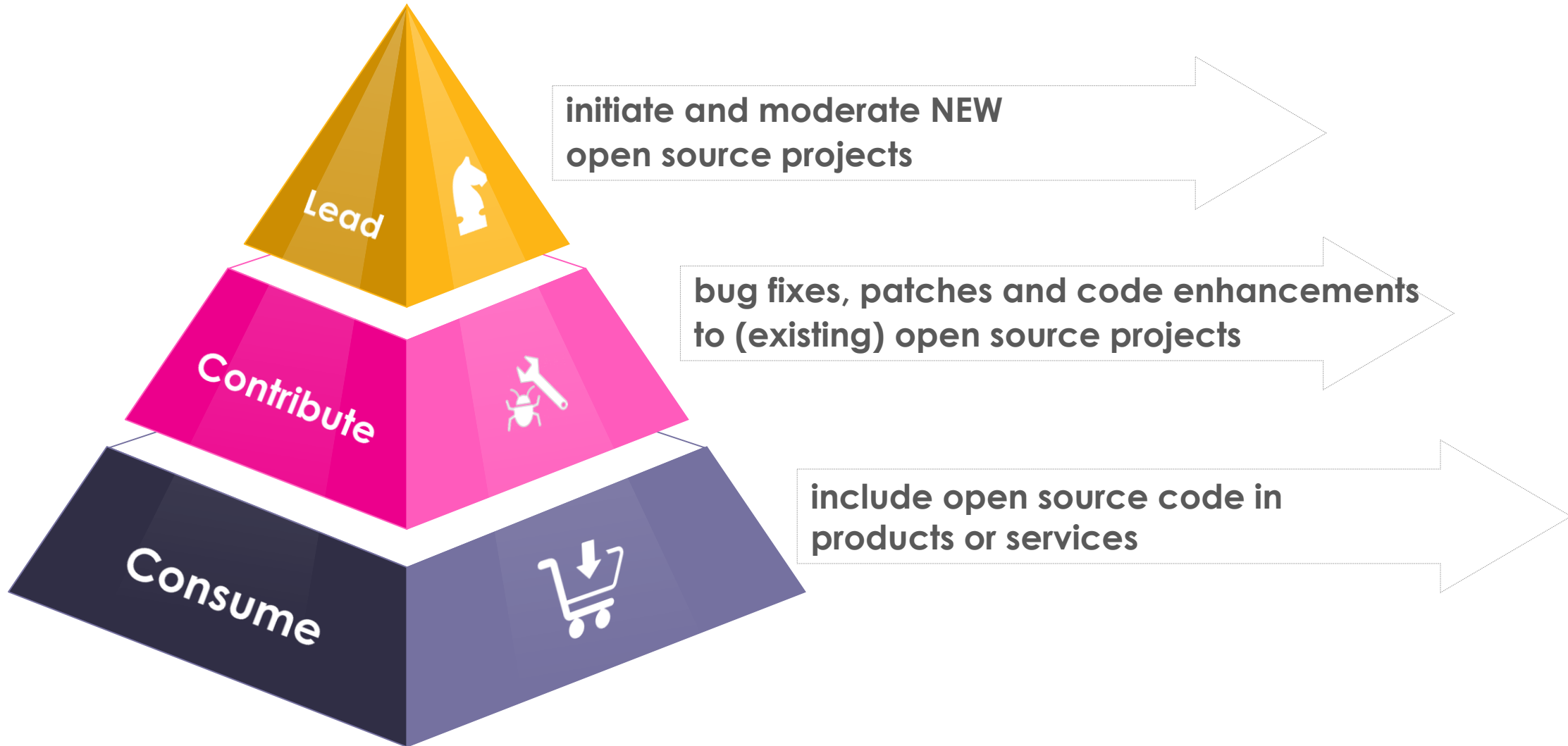
Open Source
platform
source ECOMP
Convergence
amdocs

**ONAP to become the de-facto industry standard
open source platform for NFV/SDN automation**

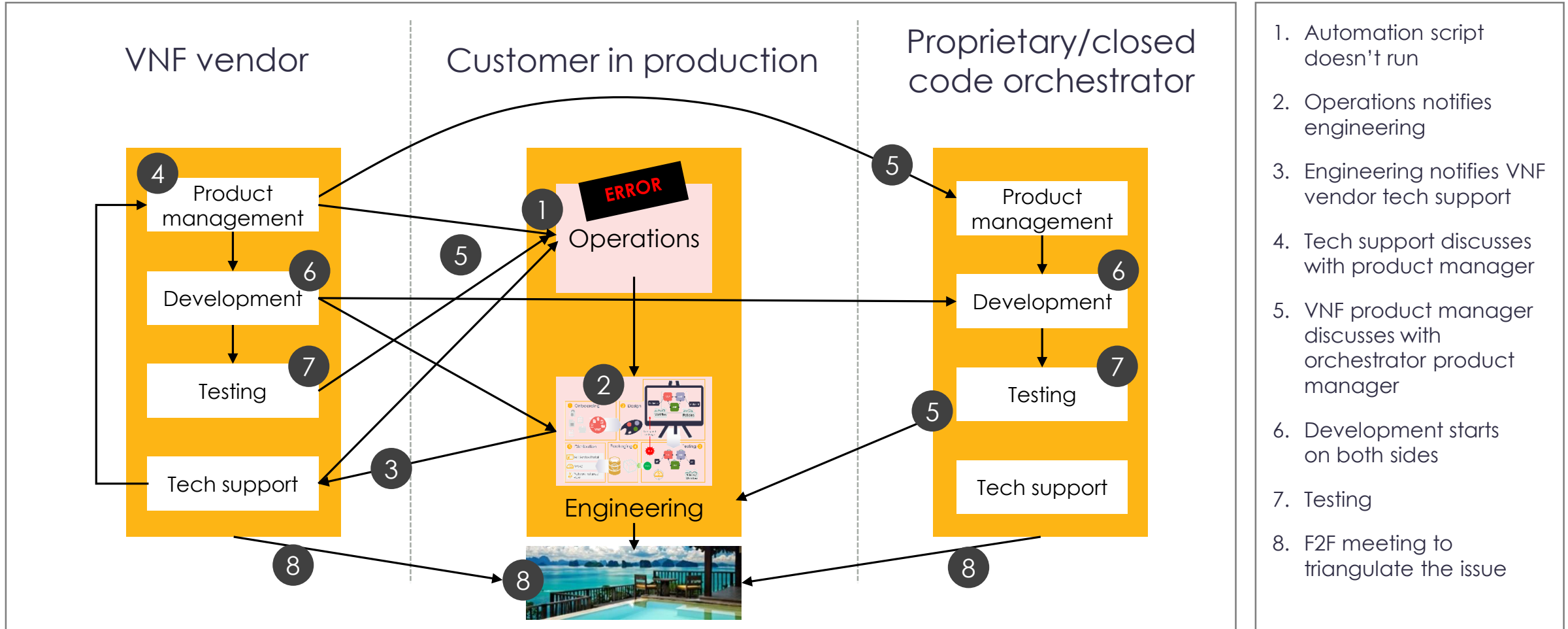


**We had to
redesign
our culture**

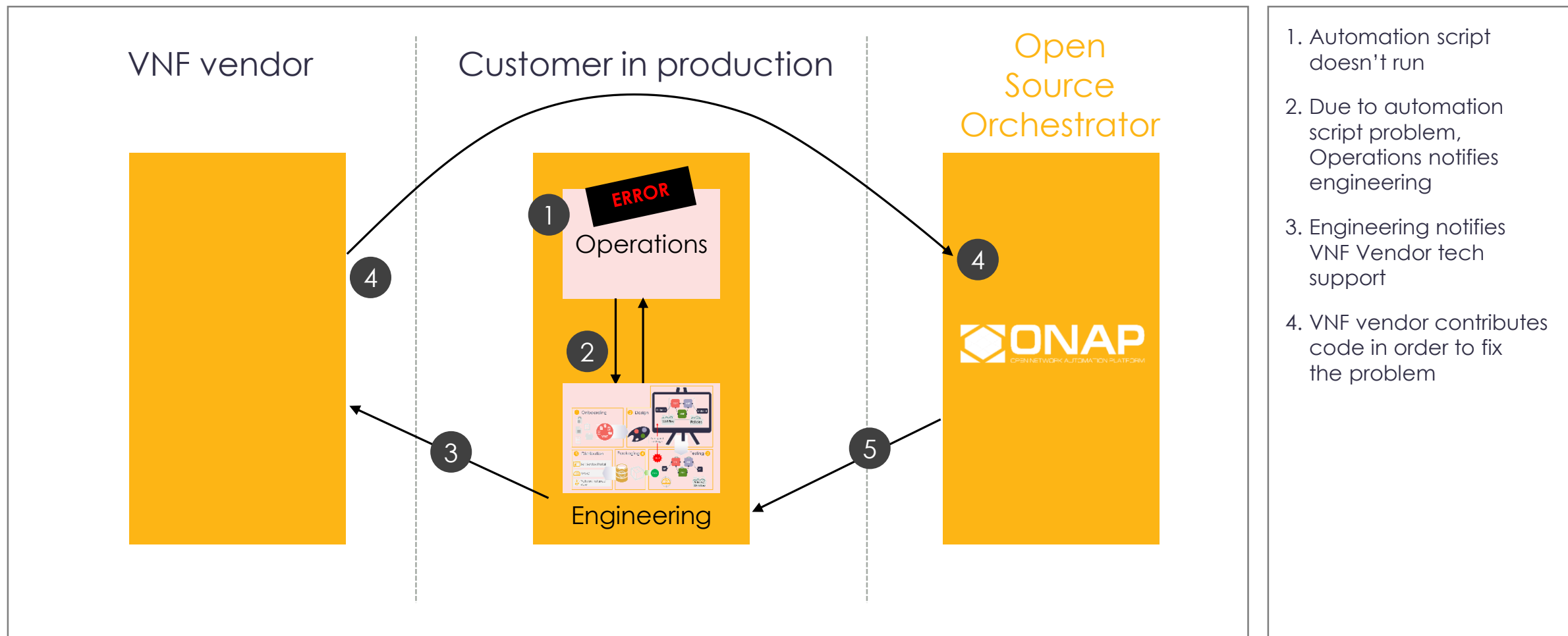
Open source – modes of engagement



Troubleshooting an NFV issue – with closed source

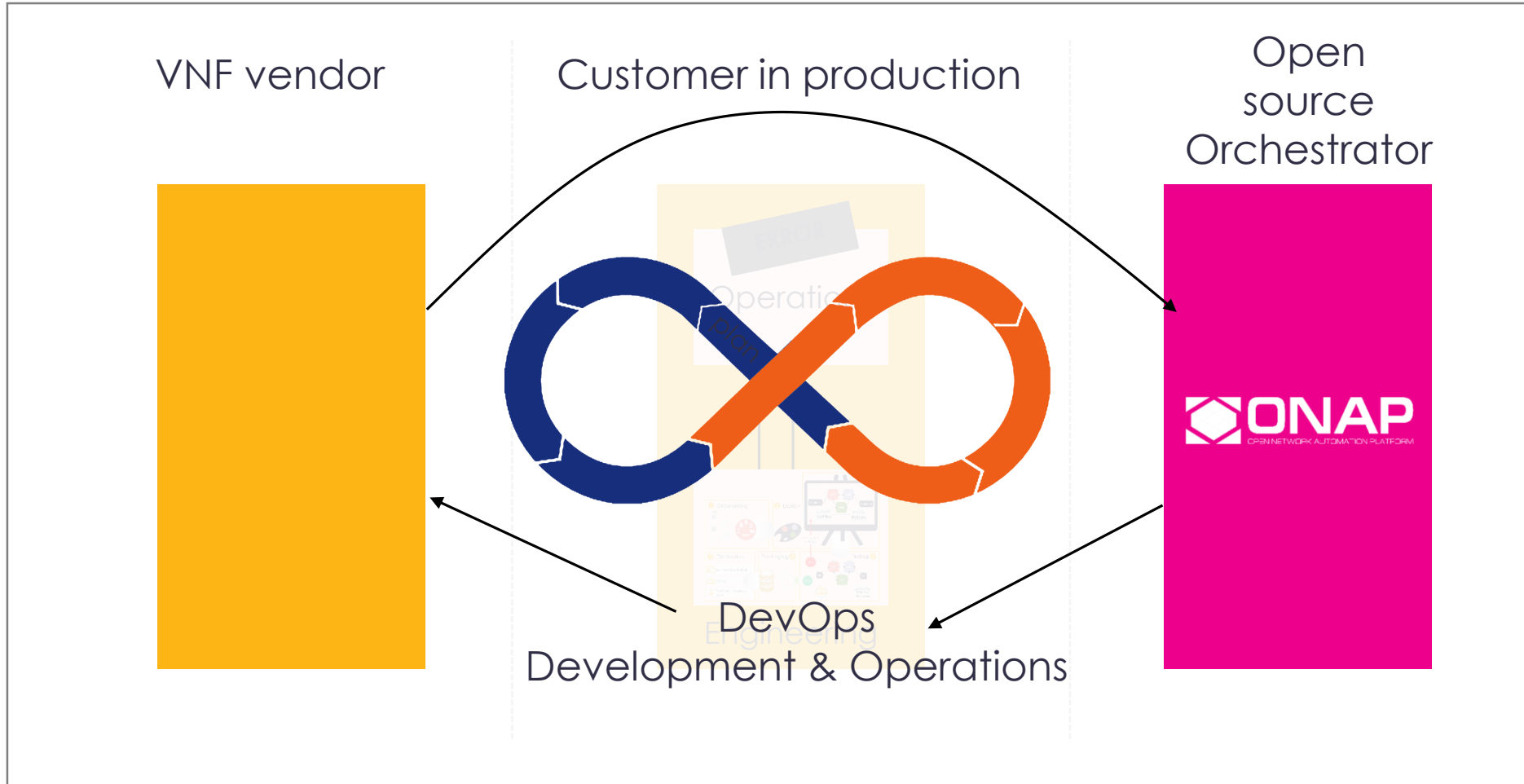


Troubleshooting an NFV issue – with open source



1. Automation script doesn't run
2. Due to automation script problem, Operations notifies engineering
3. Engineering notifies VNF Vendor tech support
4. VNF vendor contributes code in order to fix the problem

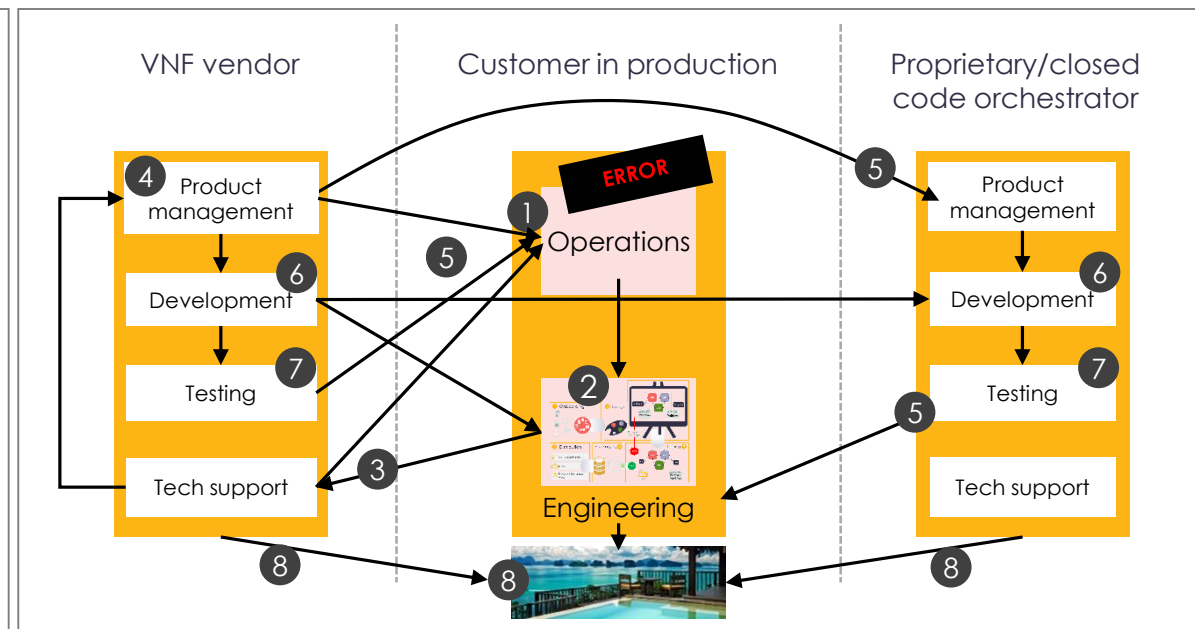
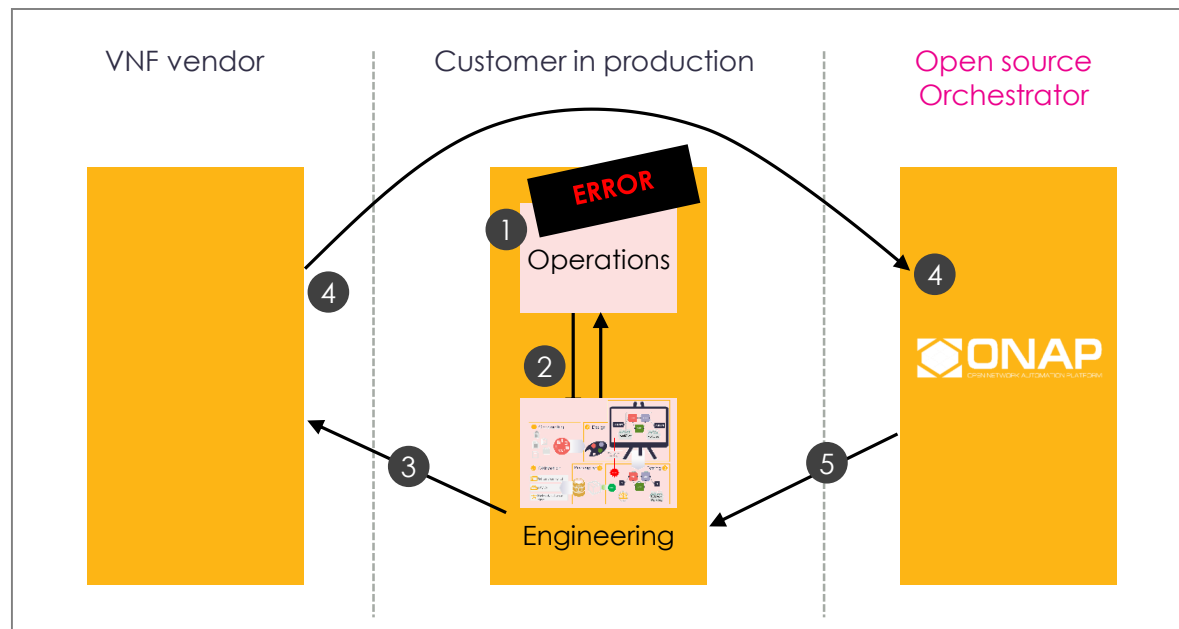
Troubleshooting an NFV issue – with open source



Troubleshooting an NFV issue

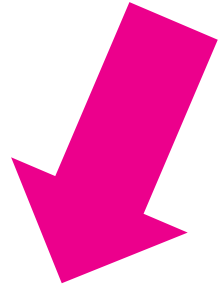
Massively deployed
open source

Proprietary/
closed source

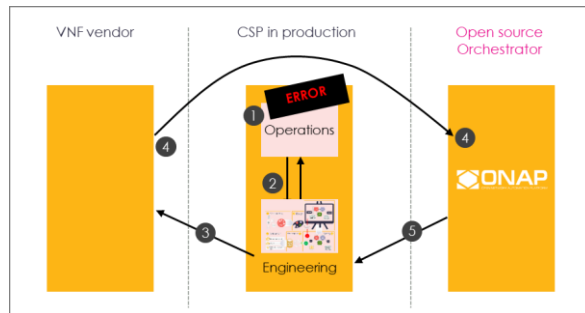


Open source accelerates the speed of innovation

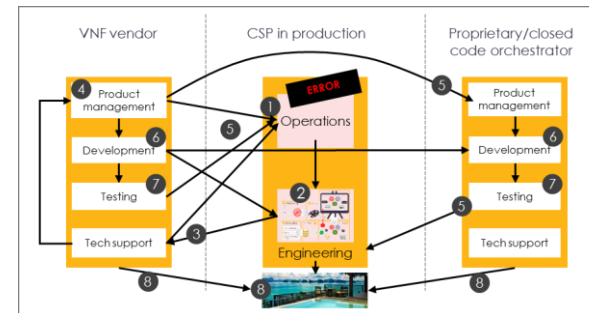
Troubleshooting NFV issue



Massively deployed
open source



Proprietary /
closed source

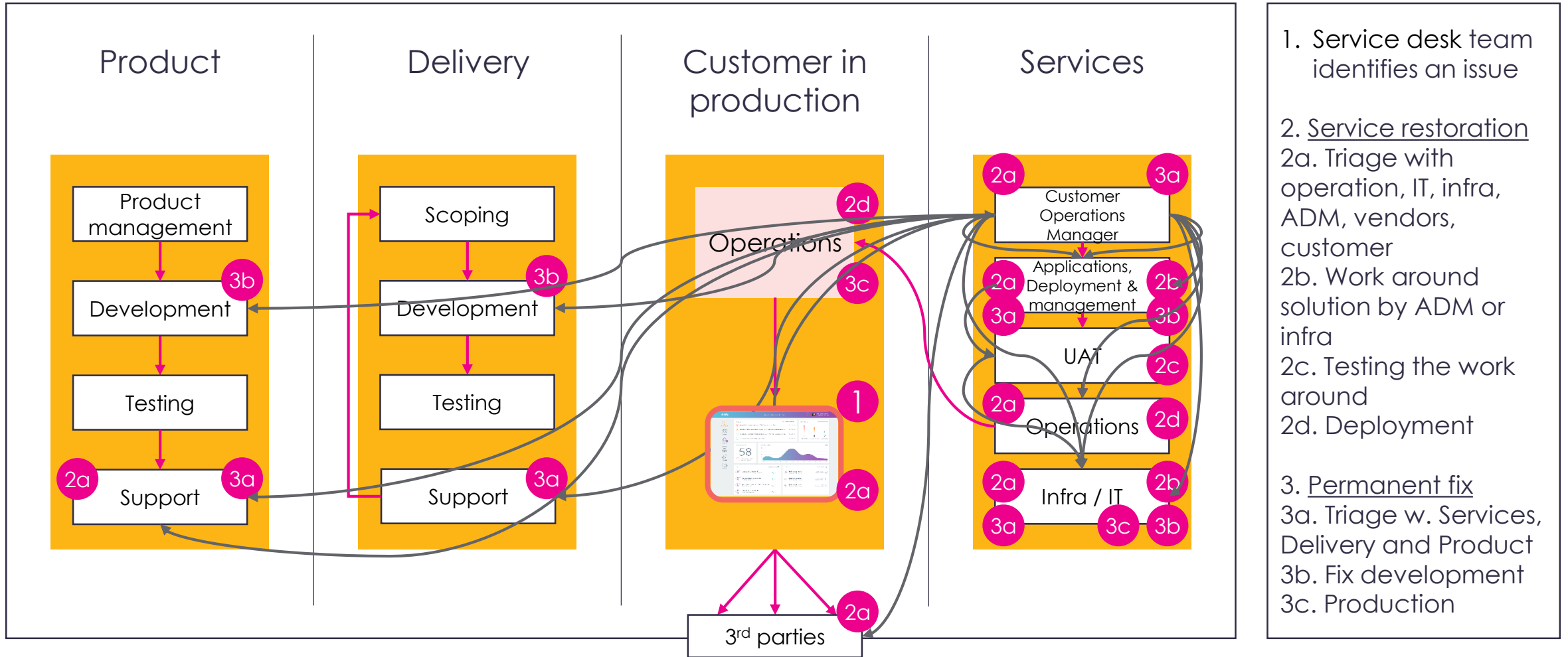




We then realized...

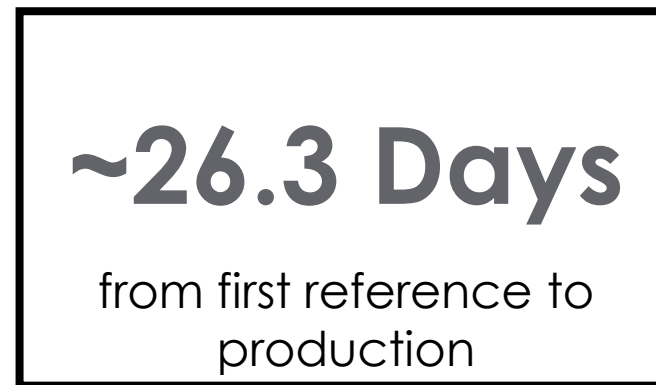
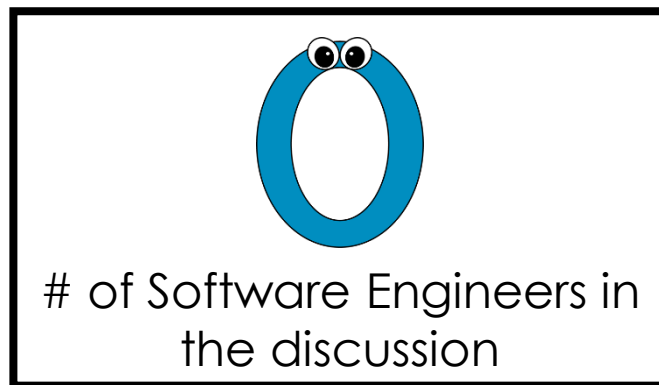
...that we need to change course
of internal development as well

Extremely complex process of incident handling

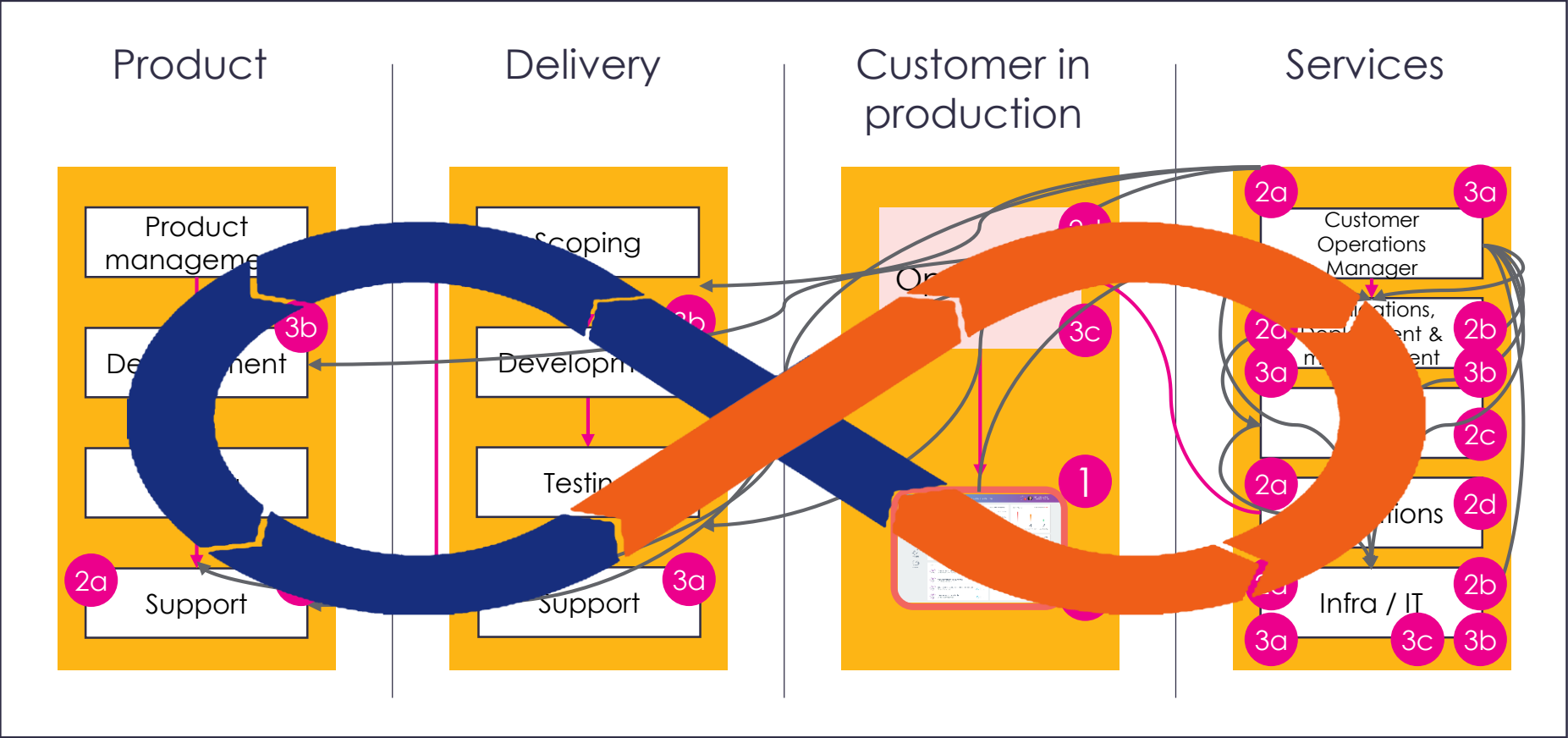


TTM without inner source

Simple fix requested by a customer



From spaghetti to efficiency



NETFLIX

Google



LinkedIn



PHILIPS

NOKIA



Alcatel-Lucent ERICSSON



Microsoft



Bloomberg



BOSCH



So... why inner sourcing?

Because of the

Improve Productivity



Modernize Org. Culture



Innovation



Improve Security



Agility



Code Quality





How to inner source?

Open source foundation roles

Technical Steering Committee (TSC)

Project Technical Lead (PTL)

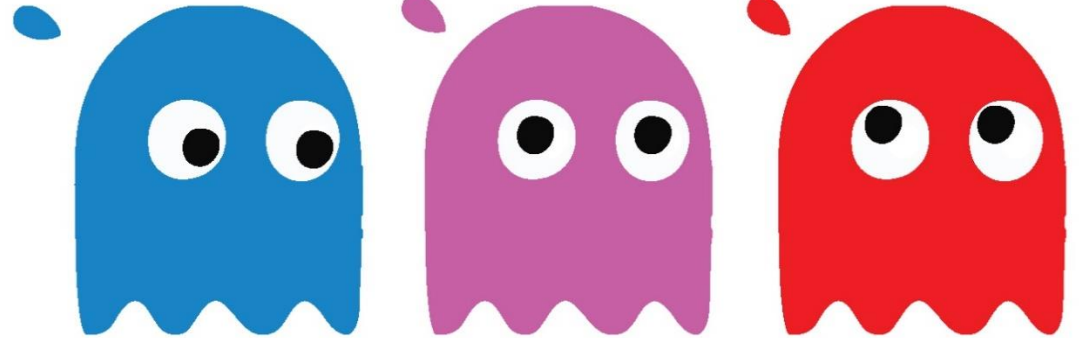
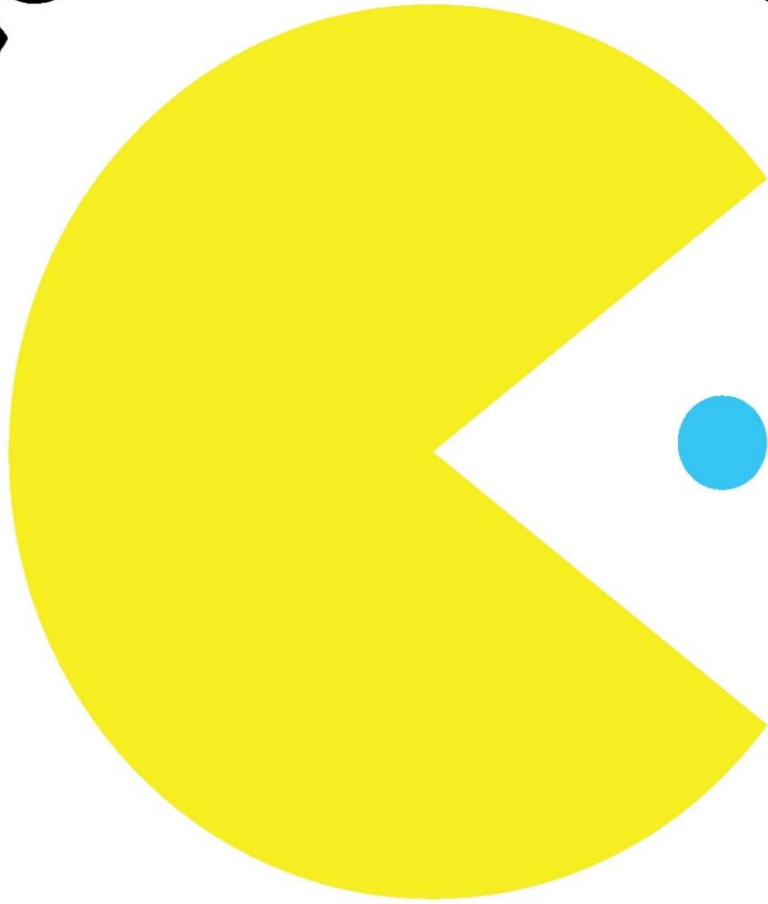
Committer

Contributor



We redesigned our culture

CULTURE!



A hand is visible at the bottom, holding a lit sparkler. The sparkler is emitting bright sparks. The background consists of tall, thin grass blades and numerous out-of-focus light spots (bokeh) in shades of orange and yellow. The overall color palette is warm, ranging from deep orange to bright yellow.

Thank you