



DEVOPS WORKSHOP

Visualization Materials for CDE 2014
Roman Pavlyuk, SoftServe Inc.

What is our workshop about?

What are we going to cover:

Why are we talking about DevOps?

Looking on a DevOps from different perspectives

DevOps in Large Enterprises

DevOps and IT Ops Efficiency

Bio

- M. Sc. in Telecommunications and IT Networking
- 12+ years in IT industry
- 10+ years with SoftServe
- “Permanent” resident of *DevOpsDays* community

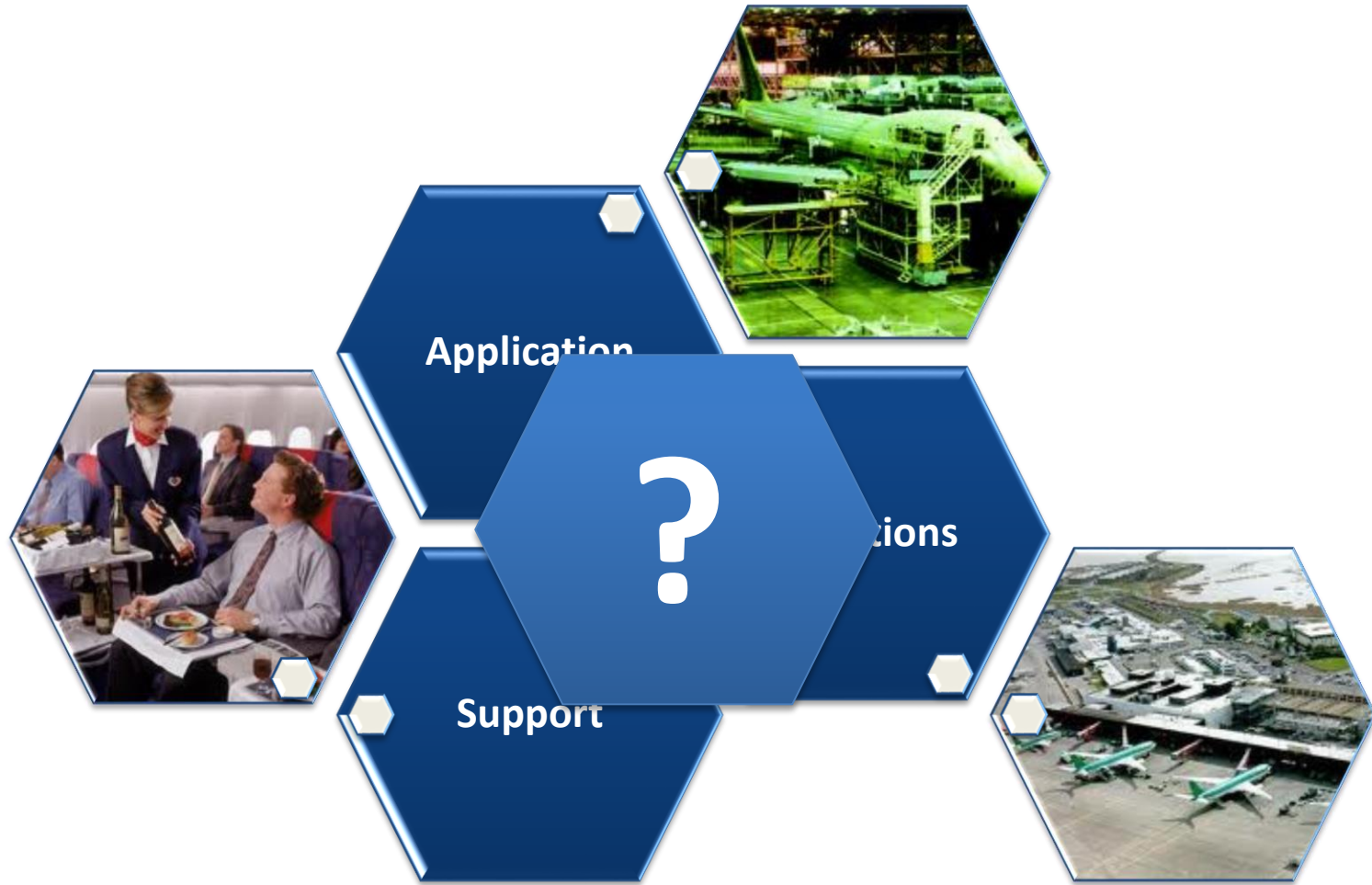
@roman_pavlyuk

<http://ua.linkedin.com/in/romanpavlyuk/>



DEVOPS: A VIEW FROM COLLABORATION PERSPECTIVE

Organizational Layout

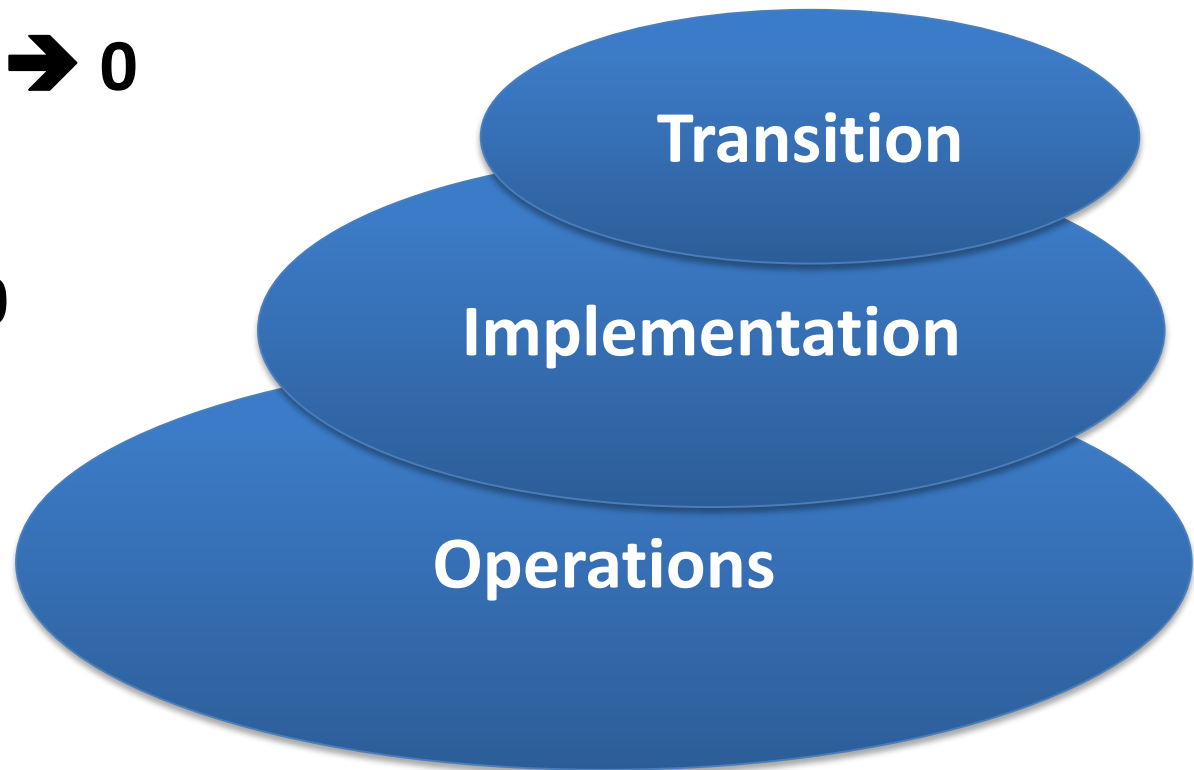


Who, What, How?...

Engineering \$ → 0

Feature \$ → 0

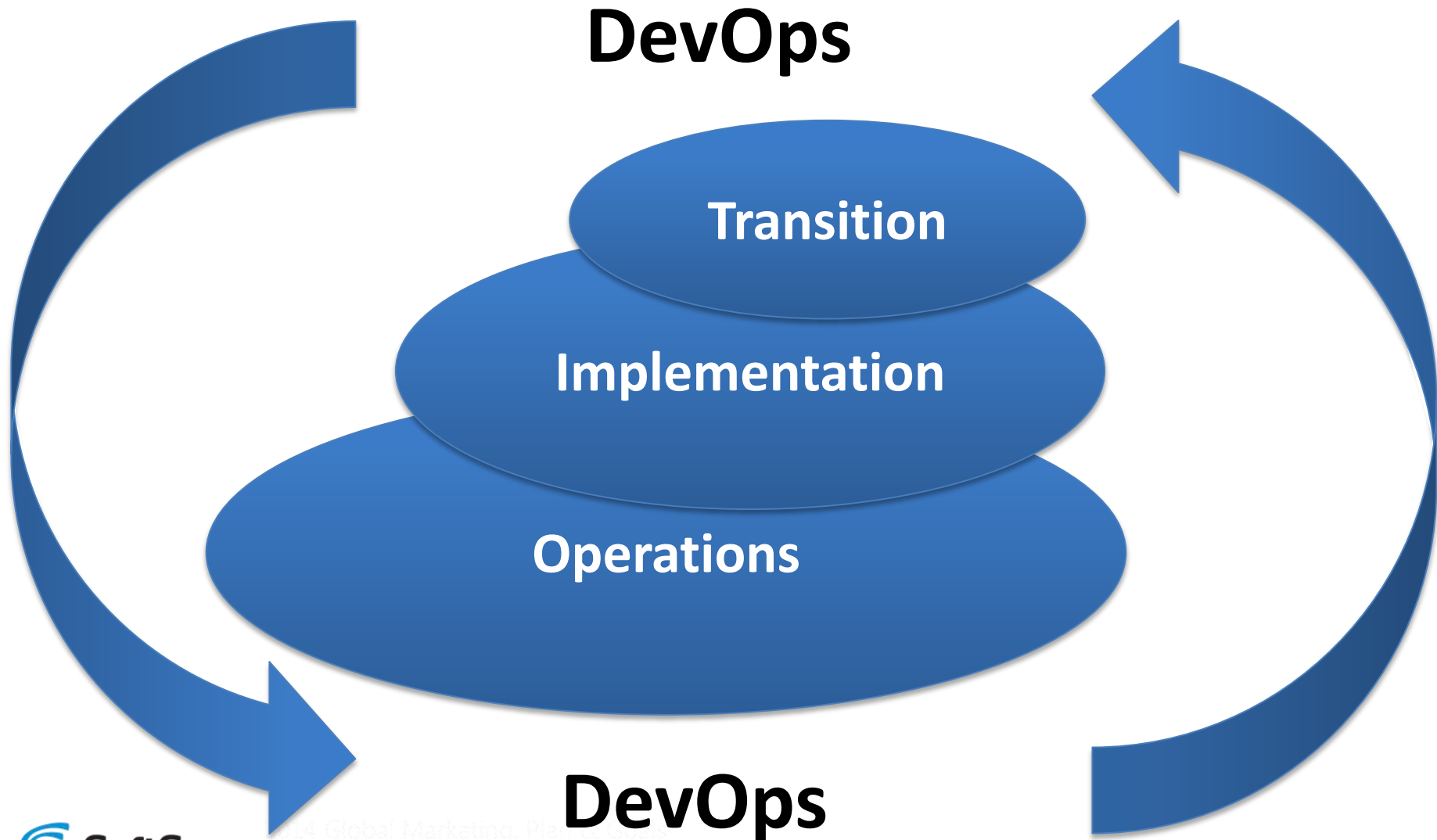
OpEx → 0



If these "layers" live on their own...

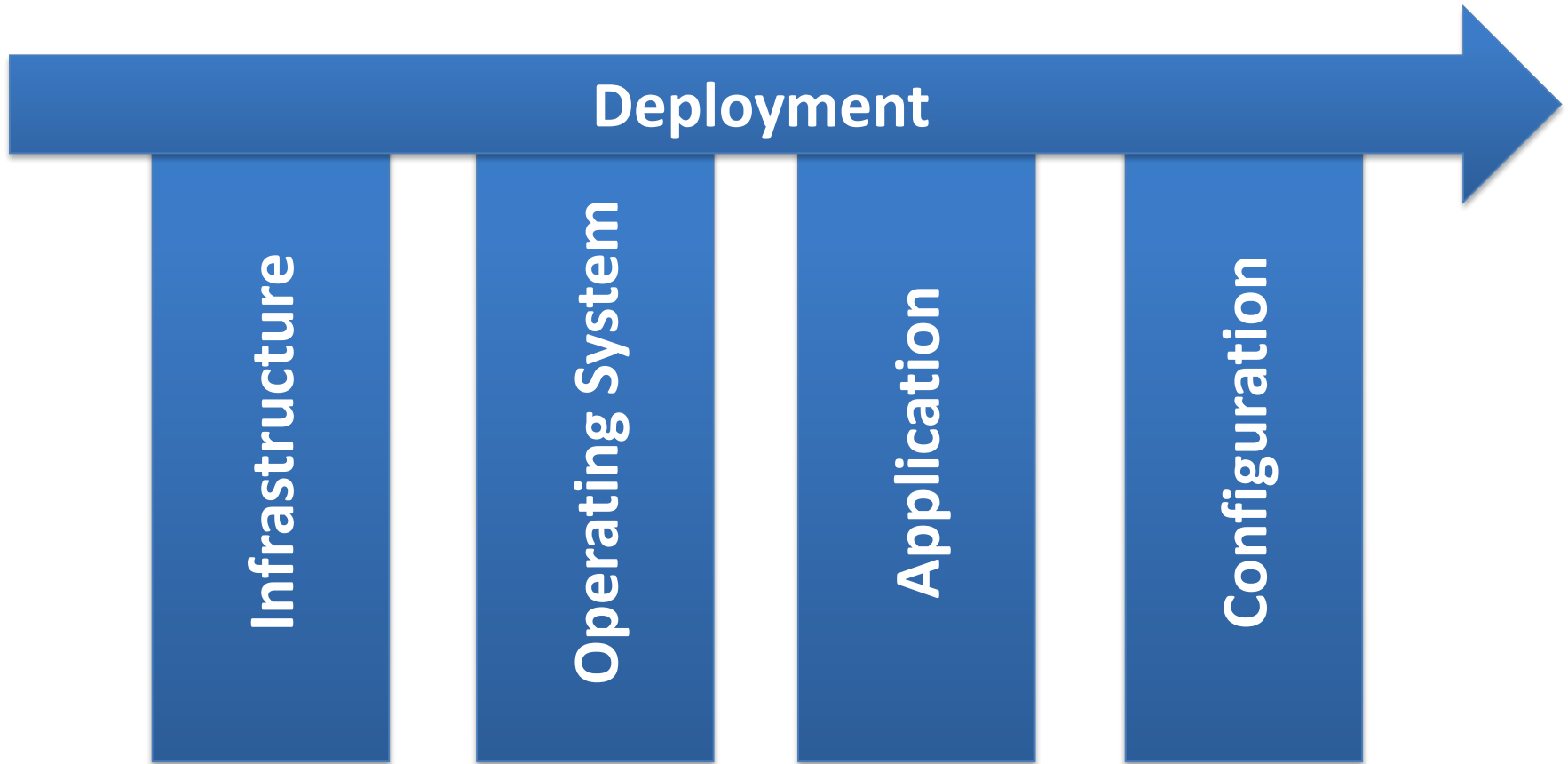


... but if they collaborate

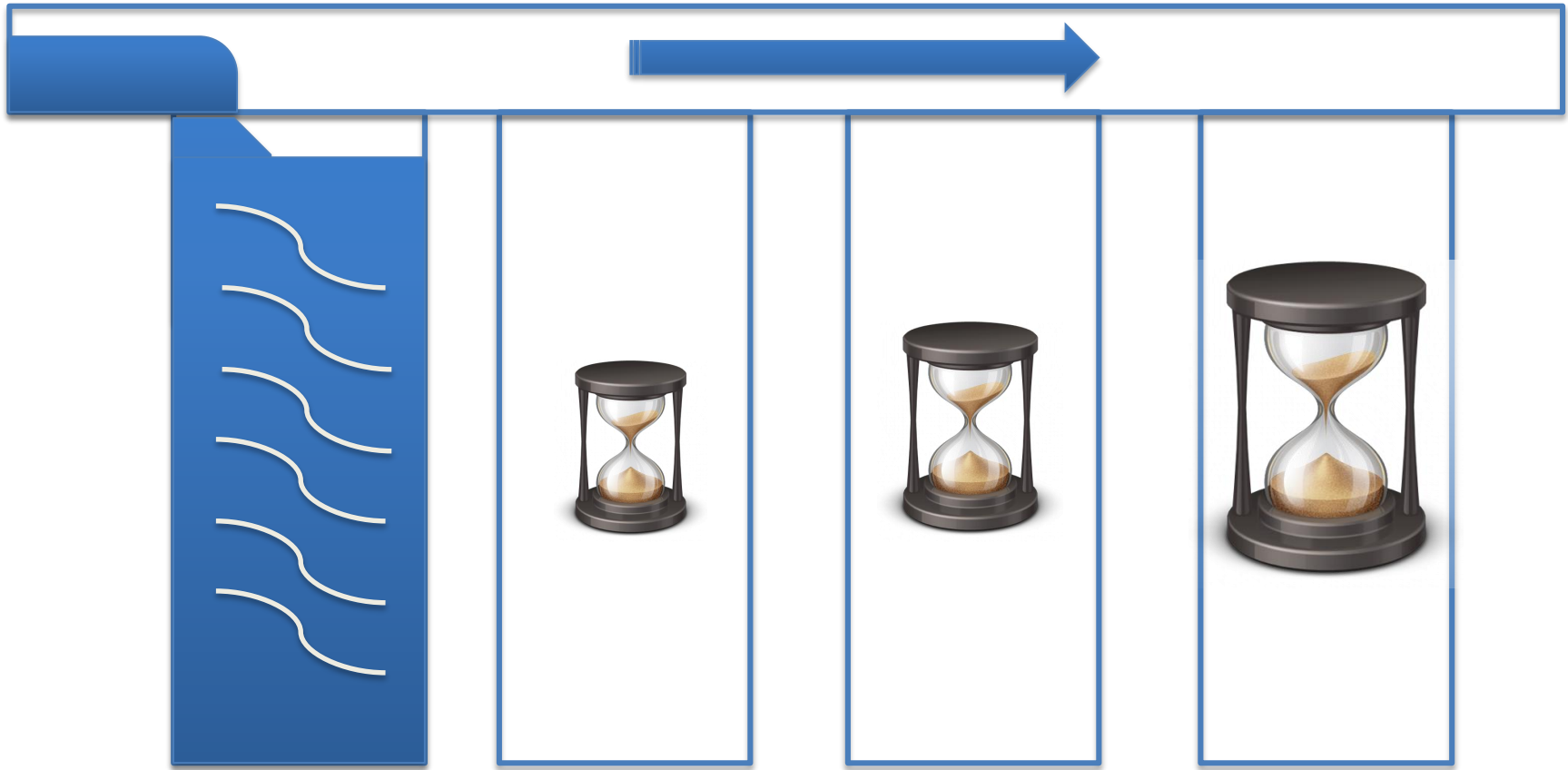


DEVOPS: A VIEW FROM DEPLOYMENT PERSPECTIVE

Classic Software Deployment Pipeline



This is how most deploy the software now ...



... And this is DevOps



DEVOPS
AND
LARGE ENTERPRISES



LASAIN

<http://www.youtube.com/watch?v=ZEwoHx5FC4E>

What is that “whale”?

A whale in a big
enterprise
organization is ...
consistency

DEVOPS
AND
IT OPS EFFICIENCY

IT Operations Efficiency...

How do you measure it?

**How do you know it is bad or
good?**

How we do that at SoftServe

GOALS and OBJECTIVES

What is the goal?

ASSESSMENT

Where we are?

DESIGN

How to resolve it?

PROTOTYPE

Can we make it?

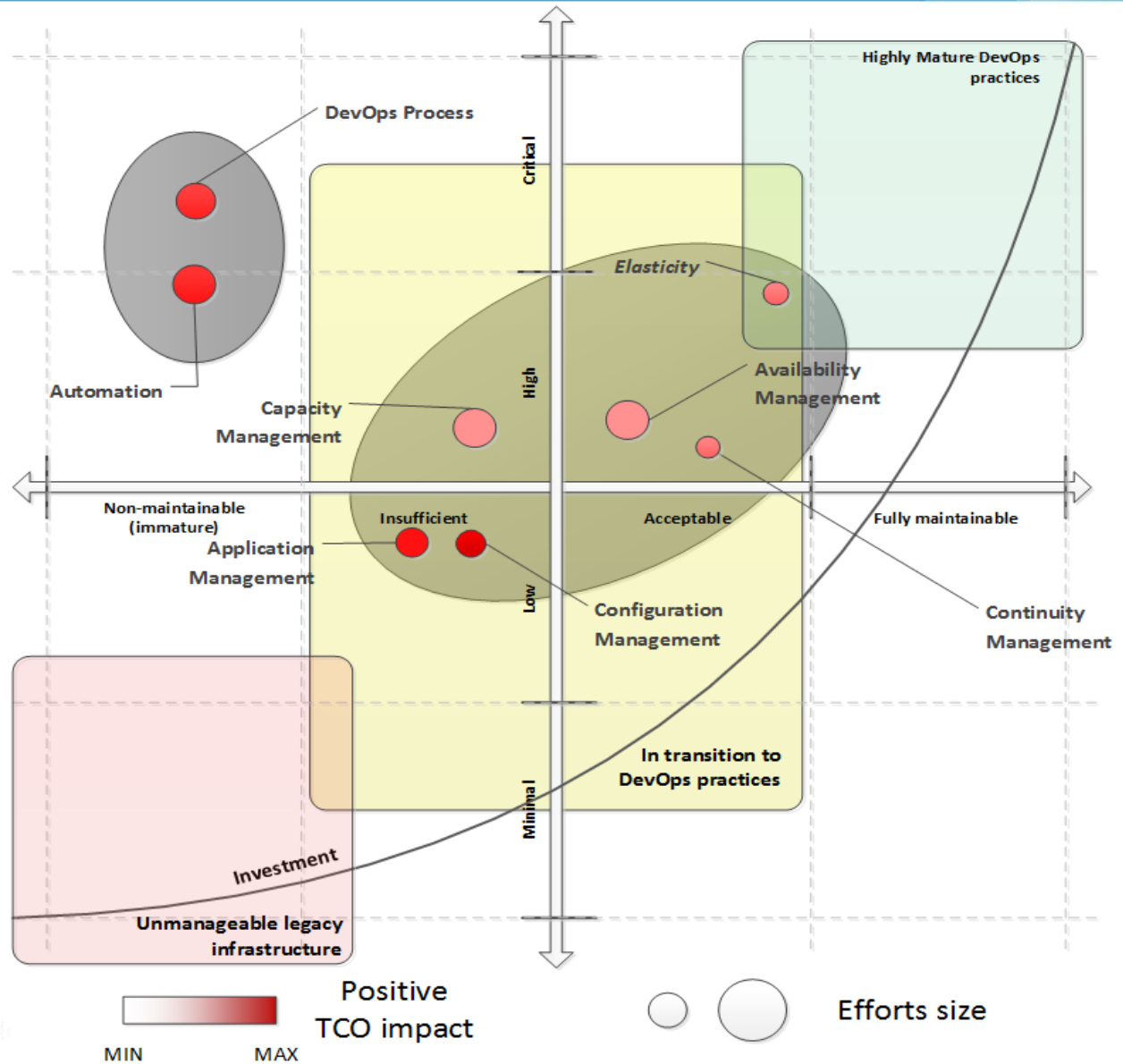
IMPLEMENT

Let's make it happen!

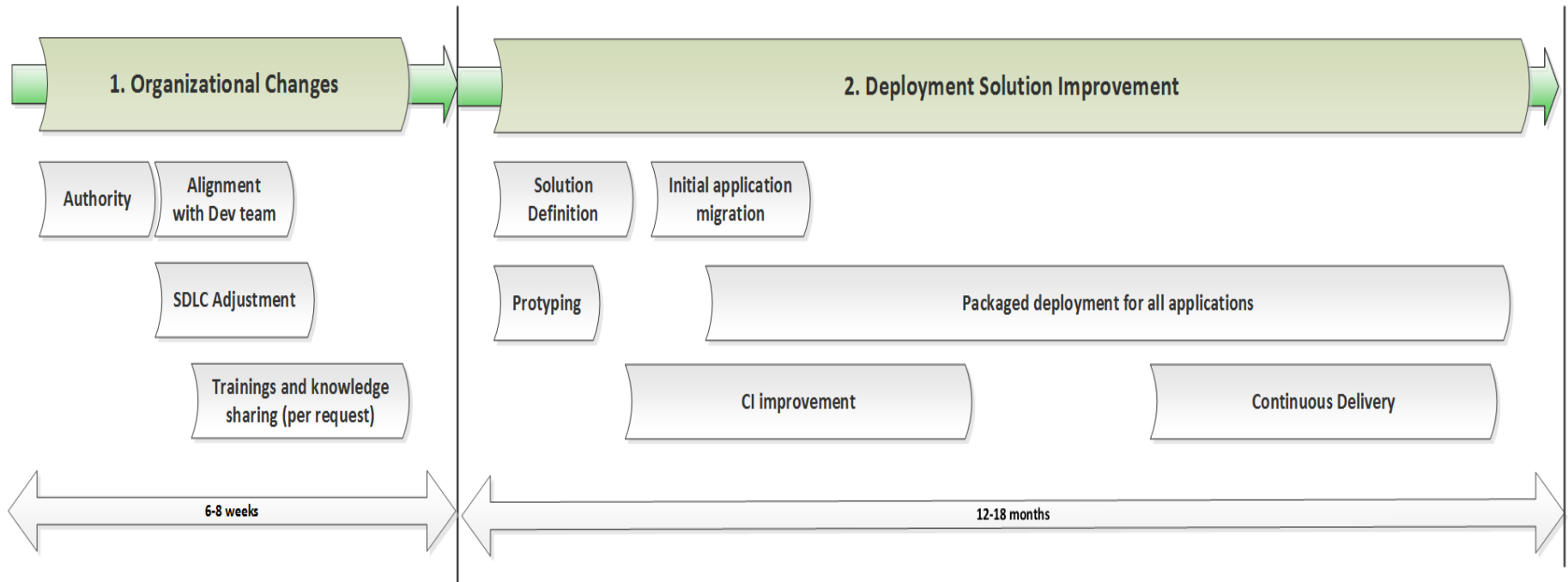
MAINTAIN

Can we make it better?

How we measure it



How we improve it



THANK YOU!