

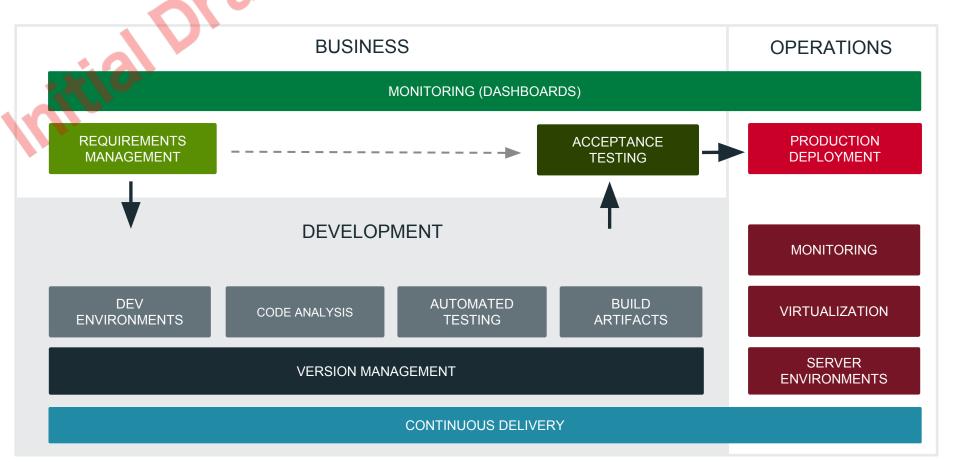
Volvo IT

DevOps development plan – initial findings





DEVOPS DEVELOPMENT MODEL





DEVOPS TRANSFORMATION JOURNEY



Efficient and highly automated SW production line from requirement management to commercial deployments and maintenance

End to end visibility to all production phases via data driven tracking, reports and dashboards

Continuous operational improvement based on both real-time and historical performance data

VOLVO IT KPIs:

Reduce Lead-time Increase Quality

KEY FINDINGS

- NAMS team has one of the best team cultures we have seen.
 - o In large picture, lots of care about talent composition.
 - In every-day working, commitment is through the roof.
 - If you are not proud, you should be.
- Most painful, immediate problems are something NAMS can solve themselves.
 - No need for big organizational changes in Volvo IT
 => actually implementable.
- Trust is the most valuable asset NAMS team has.



KEY FINDINGS - BIG THREE

- Build, deployment, releasing.
 - Usage of continuous integration.
 - Unique position you are able to release; chance to be the guide line.
 - Ability to release is the biggest key factor to improve working.
- Environments.
 - Deprecation strategy.
 - Test Data Management (TDM).
 - Application configuration.
- Visibility.
 - Requirements.
 - Quality assurance.



OTHER KEY FINDINGS

- Business perspective missing.
- Knowledge silos.
 - Different parts of NAMS.
 - Database.
 - Testing.
 - Some people are crucial bus factor.
- Process model needs work.
 - Not everyone know what and how different activities should be happening.



OTHER KEY FINDINGS

- Technical debt.
 - Moving towards microservices will be painful => does
 not mean it's a bad idea vice versa.
 - Other improvement ideas should be tried out continuously.
- Constant following of team's performance.
 - O KPIs what is the impact?
- Communication is mostly based on talking.
 - On-boarding is very difficult.
 - Relevant information is dependent on asking.



OTHER KEY FINDINGS - WIDER ISSUES

- Tools for development.
- Organizational responsibilities are hard to understand.
 - What is the larger mission?
- Visibility between projects.
- Communication with HCL.
 - Slow response time
 - Inflexible processes



OTHER KEY FINDINGS

- NIC and dashboards are an example of Devops-way of working.
 - Key thing is enablement; building or using tools that bring real value.
- You are heading correct direction.
 - Plans about branching model.
 - Architecture refactoring.
 - Test automation.
- Attitude towards new ways of working.
 - Avoid complacency.
 - Be stubborn.





THANK YOU