OPTIMAL+

Lifecycle analytics you can trust

Remote Planning

Adina Waldmann, R&D Program Manager

July 2020

Adina Waldmann

PMP, SA, Program Manager at Optimal+

Israel · 500+ connections · Contact info
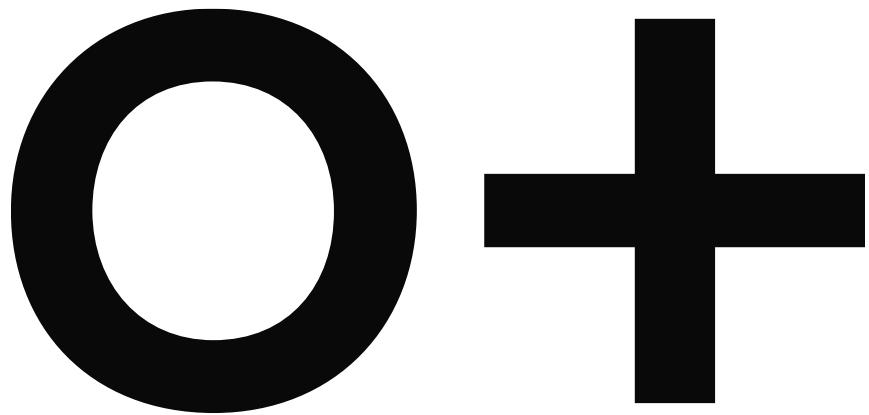
O+ OptimalPlus

Through the acquisition of OptimalPlus, NI accelerates companies' digital transformation initiatives by coupling NI leadership in automated test with new advanced product analytics for enterprises.

"We're confident NI's enterprise software strategy unlocks the value of test data by embracing digital transformation and bringing it to the analog world."

Eric Starkloff, NI President and CEO
July 6, 2020

OPTIMAL+
is now ni

Founded in
2005

Employees
~230

Analyzing huge
volumes of data
100bn
Devices per year

ROI Track record &
loyal trusted partner
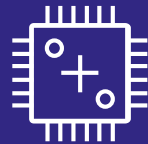
**Big data
analytics
expert**

**Open
Innovation
Platform**

**IIoT & 4.0
Proven
Expertise**

Semiconductor

Automotive

O+

Optimal+ Program Increment lifecycle

Iteration Planning

Iteration Retrospective

Iteration Execution

Iteration Review & Demo

Each iteration 3 weeks

PI Planning

3 Iterations

PI Retrospective
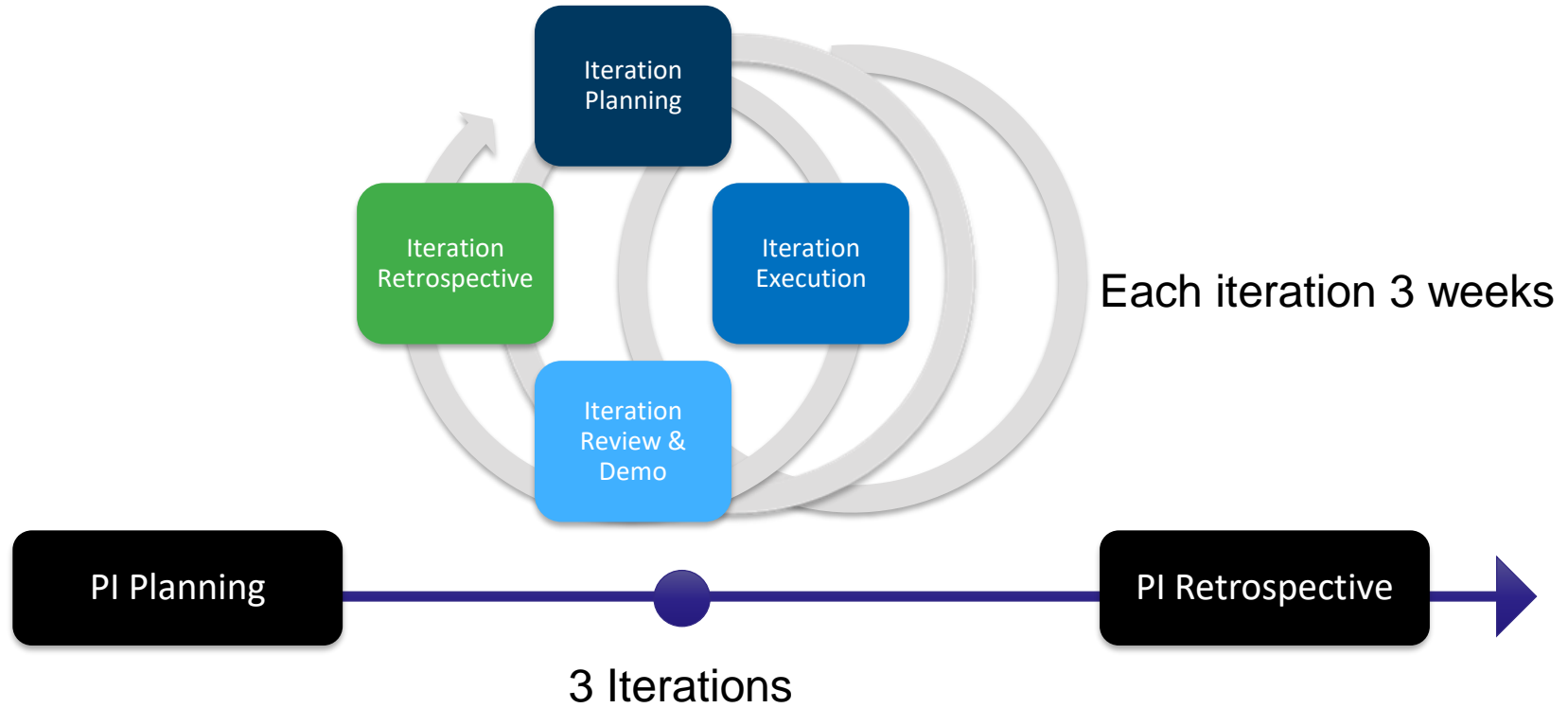
A whole new world….
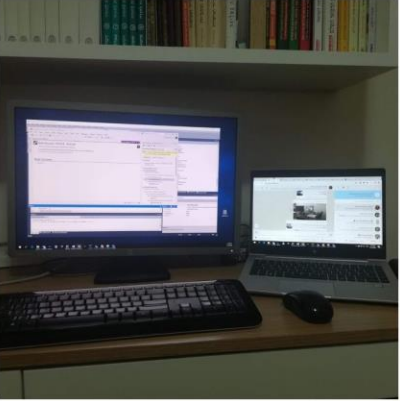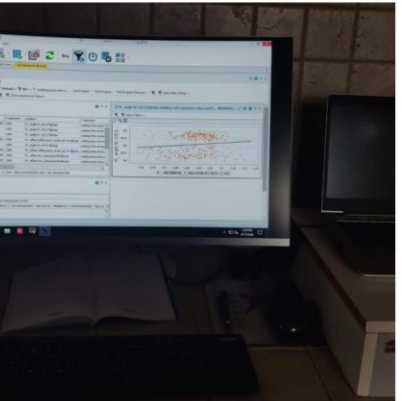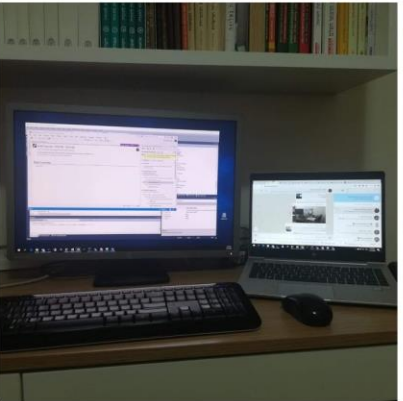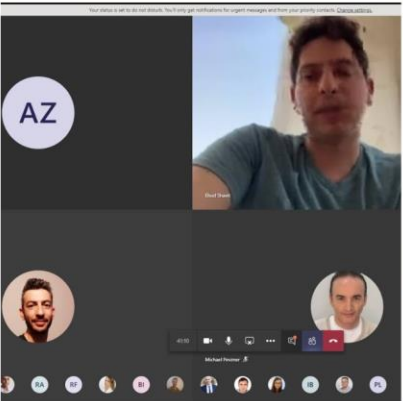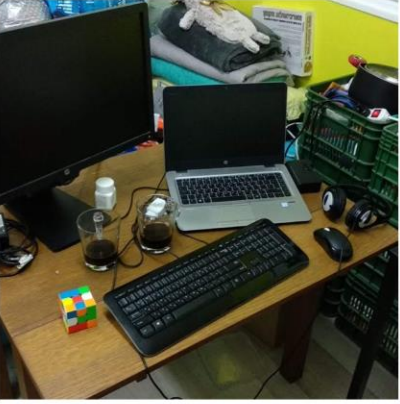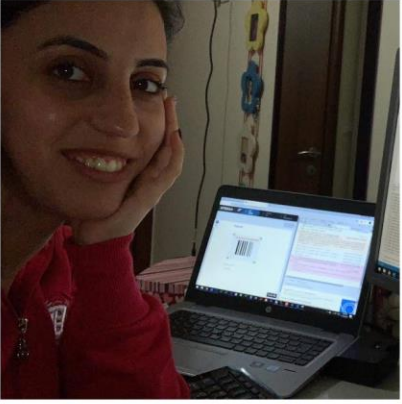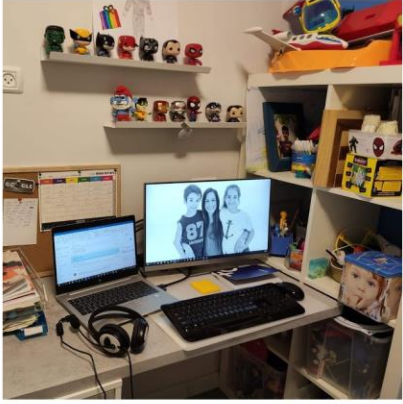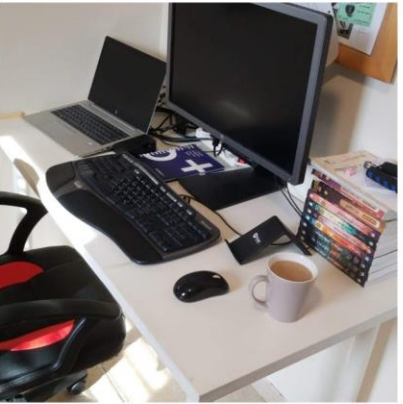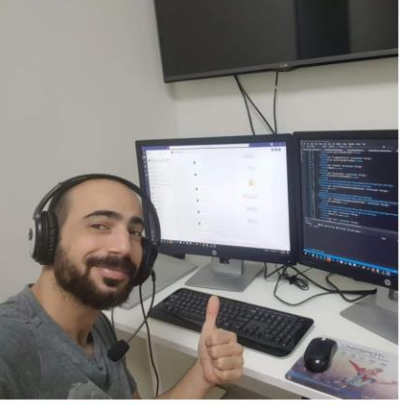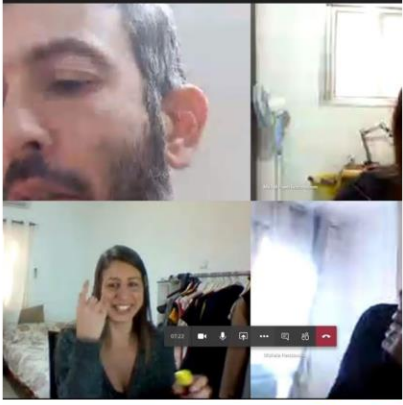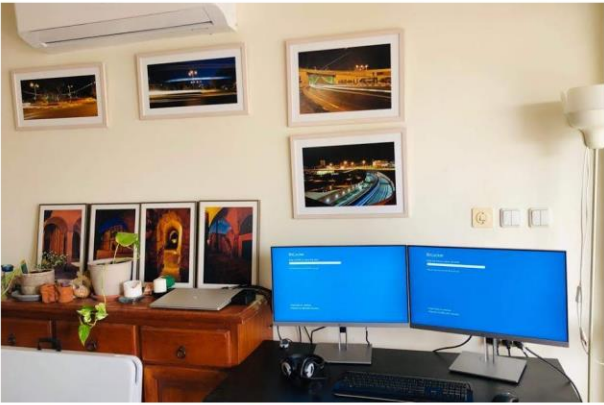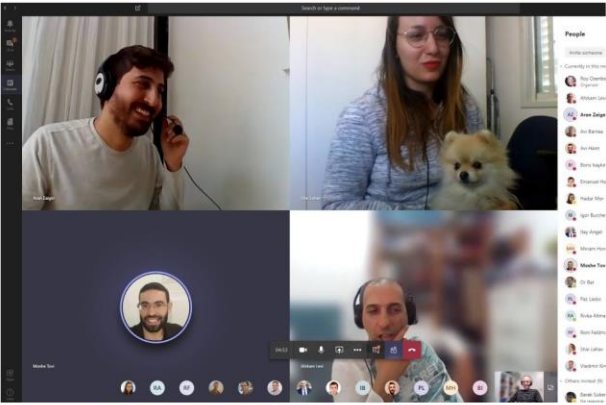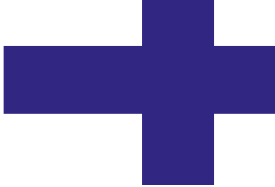
Shifting from in-person to virtual
without compromising
on quality

8

What we need to make it work!

- **Collaboration Tools**

- **Grooming & elaboration meetings**

- **Planning only 9 weeks ahead**

- **Trust & Flexibility**
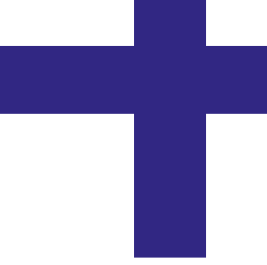
Collaboration Tools

✓ **Instant Messaging**	Microsoft Teams
✓ **Conference Meetings**	Microsoft Teams
✓ **Board Collaborations**	miro
✓ **Knowledge Sharing**	Confluence

10

PI Planning

PI Backlog review - Epics level
R&D management & PO
Reviewing the Epics
priority per team and
updating the epics plan for
each team according to
teams elaboration

**Presenting the features planning
over TFS (Feature Timeline).**
R&D management, TLs & POs
Each TL presents the team
Features planning
according to the epic road
map

Weekly

Weekly
**Grooming
Meetings**

PI's first week

Weekly
starting in the mid
of the 2nd iteration

On the week before the PI starts

**Elaboration Meetings
Teams & POs**
Reviewing the priority for
the next PI and elaborating
the epics into features and
USs

Presenting the Epics plan to All R&D

POs are Sharing with the
entire organization the plan
for the upcoming 3
iterations

O+

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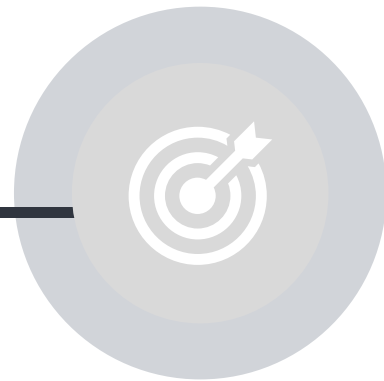
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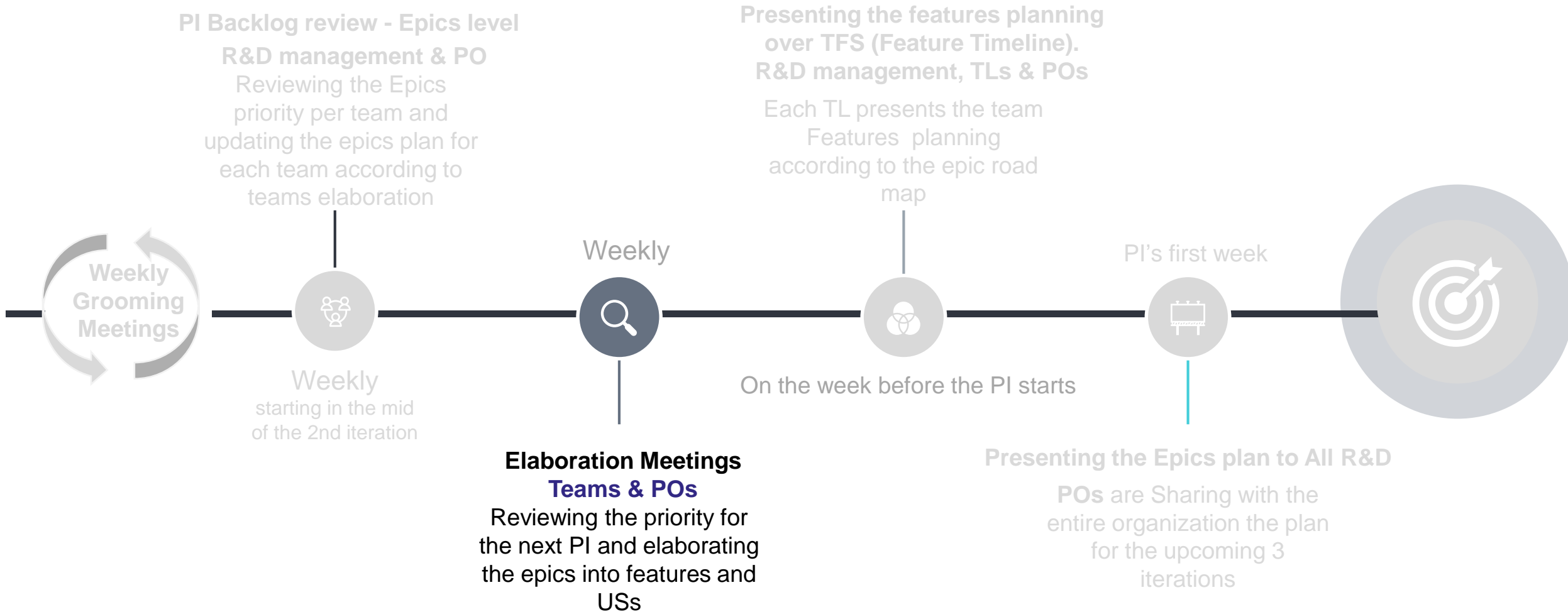Reviewing the priority for the next PI and elaborating the epics into features and USs

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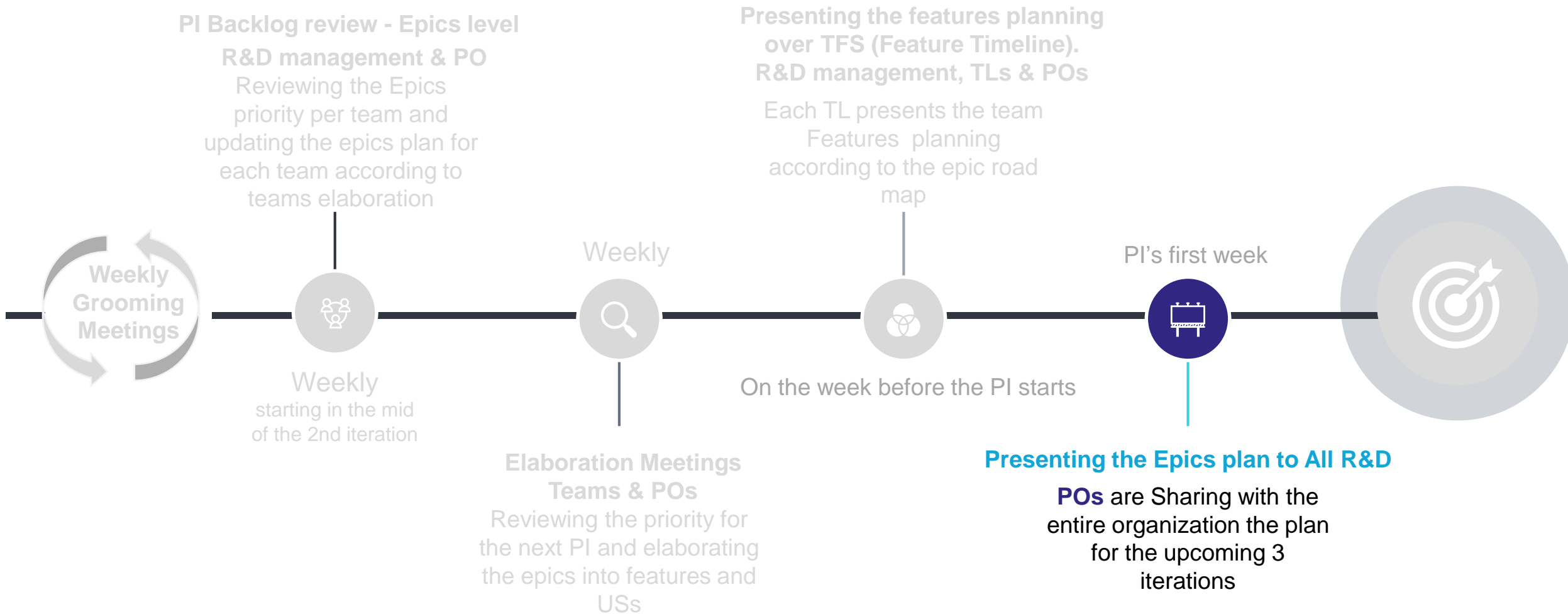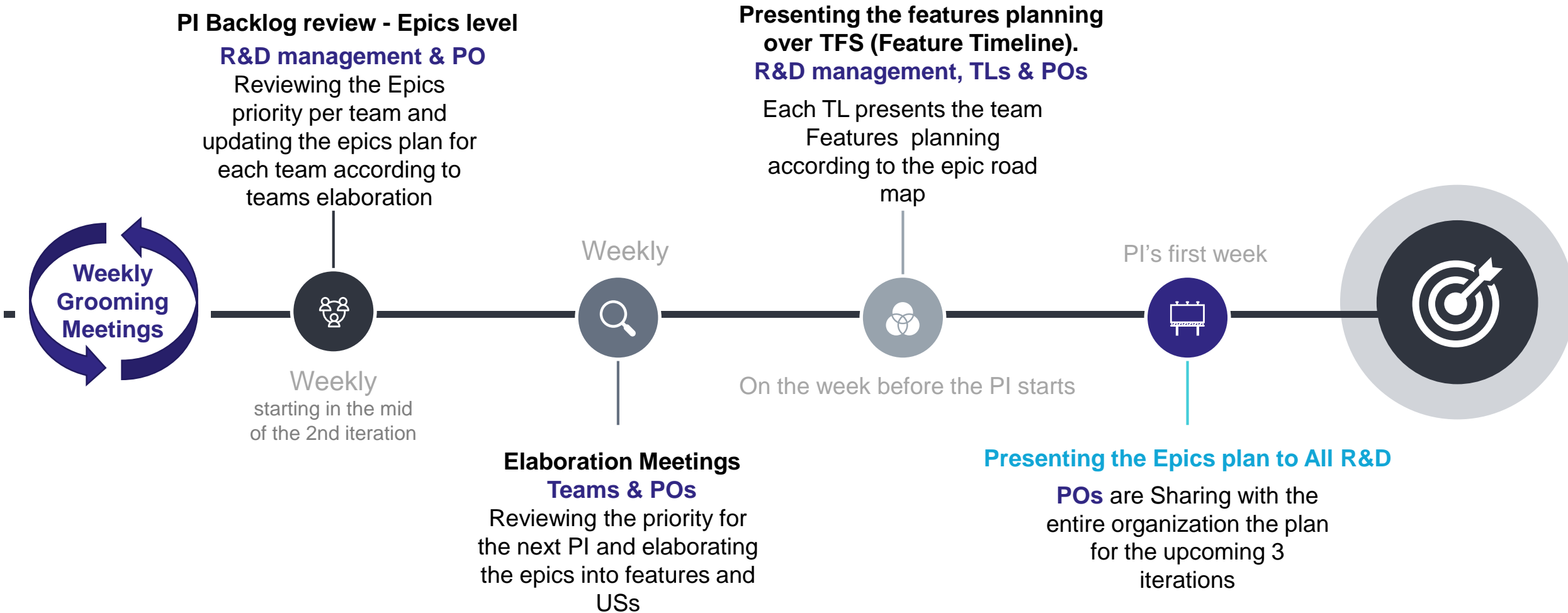# What we need to make it work!

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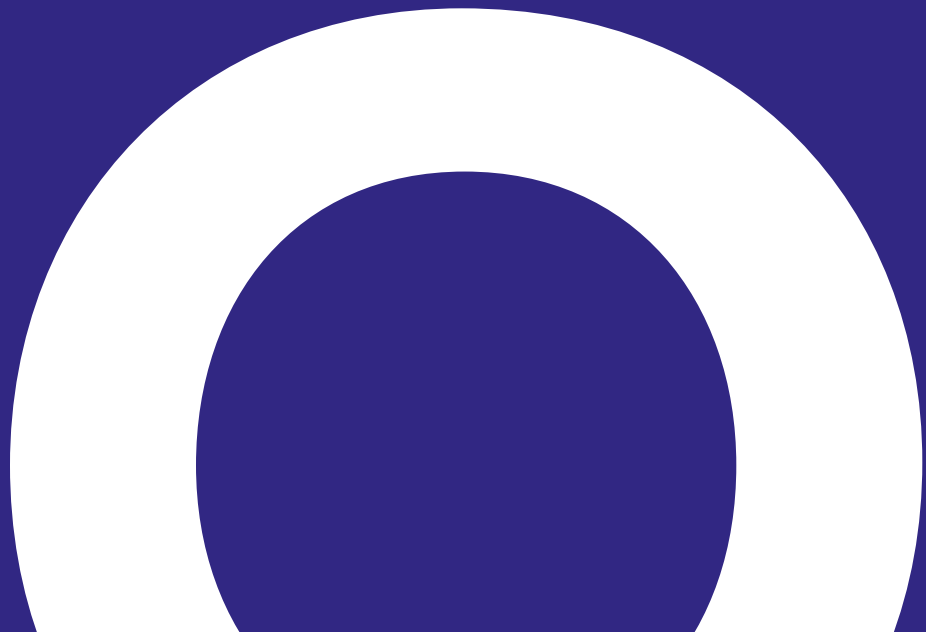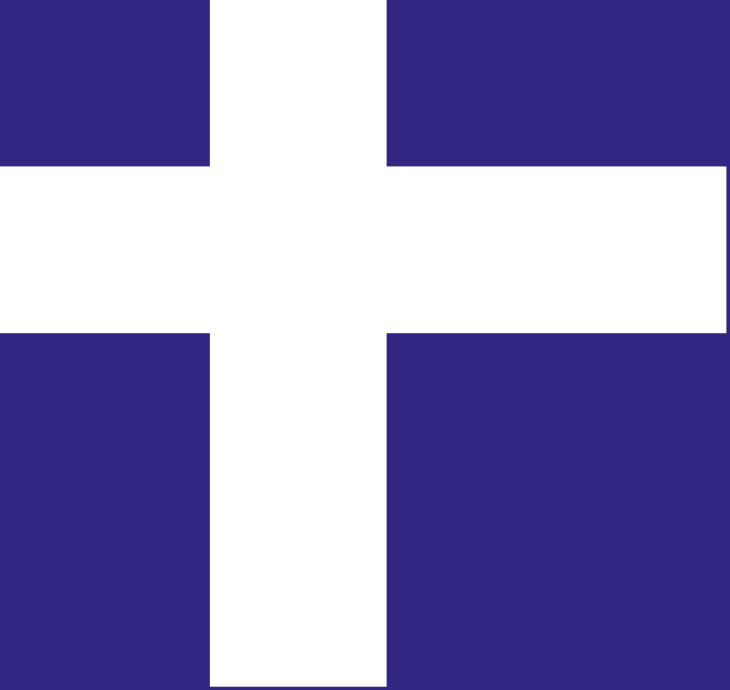
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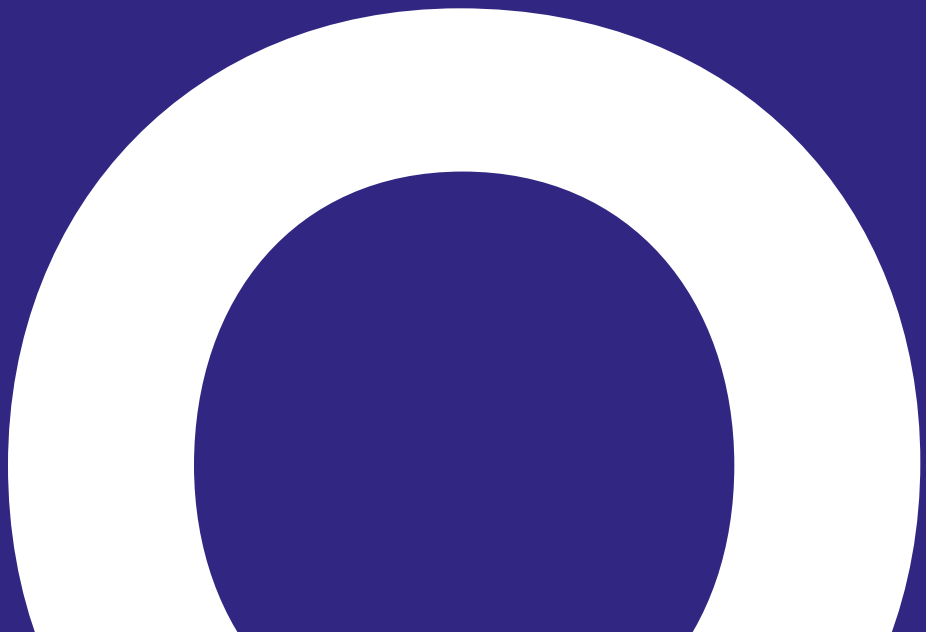
Reality is changing.
Let's be Agile. Let's be better.

OPTIMAL+

Lifecycle analytics you can trust

Thank You!

OPTIMAL+

Lifecycle analytics you can trust

Backup

OPTIMAL+

Lifecycle analytics you can trust

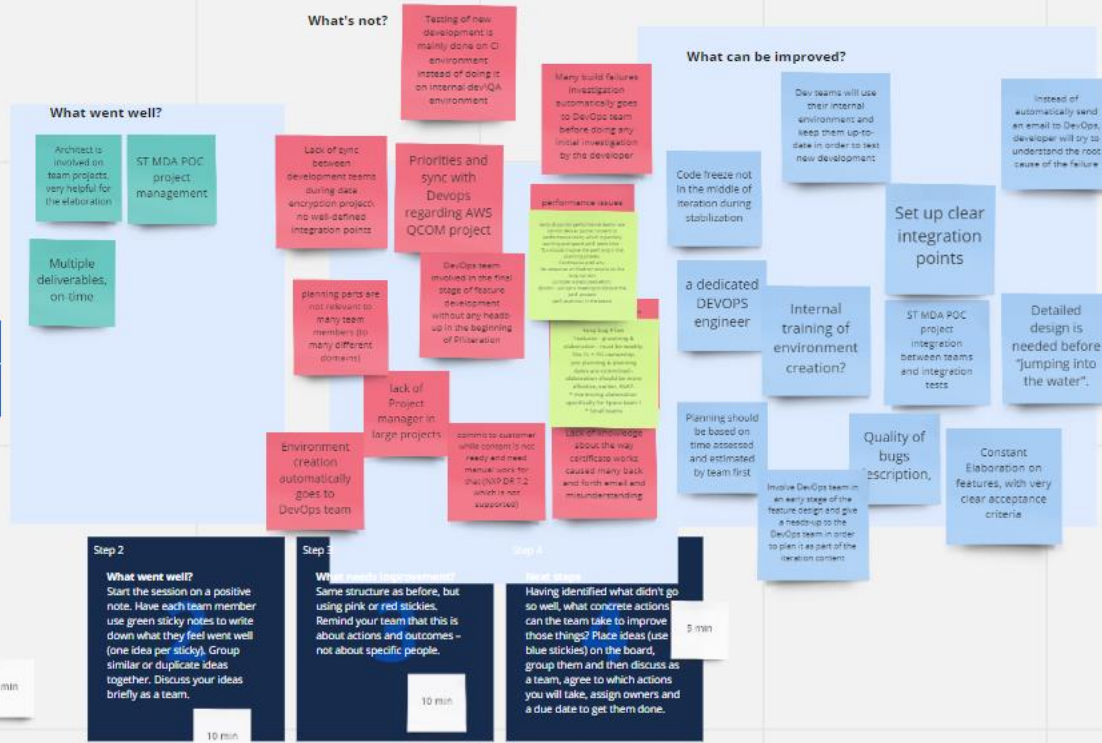# Miro – collaborative boards

miro | Retrospective

Share 36

Tools
Sticky notes
Timer (get it here)

General info
People 4-8
Prep Time 15 min
Time 30 min
Difficulty Easy

Who should be involved?
Include the core project or service team, and perhaps a facilitator.

What went well?
Architect is involved on team projects, very helpful for the elaboration
ST MDA POC project management
Multiple deliverables, on time

What's not?
Testing of new development is mainly done on CI environment instead of doing it on internal devIQA environment
Many build failures investigation automatically goes to DevOps team before doing any initial investigation by the developer
Lack of sync between development teams during data encryption project no well-defined integration points
Priorities and sync with Devops regarding AWS QCOM project
performance issues
DevOps team involved in the final stage of feature development without any heads up in the beginning of Deliberation
planning parts are not relevant to many team members (to many different domains)
lack of Project manager in large projects
commit to customer while content is not ready and need manual work for that (N/O DR 7.2 which is not supported)
Lack of knowledge about the way certificate works caused many back and forth email and misunderstanding
Environment creation automatically goes to DevOps team

What can be improved?
Dev teams will use their internal environment and keep them up-to-date in order to test new development
Instead of automatically send an email to DevOps, developer will try to understand the root cause of the failure
Code freeze not in the middle of iteration during stabilization
Set up clear integration points
a dedicated DEVOPS engineer
Internal training of environment creation?
ST MDA POC project integration between teams and integration tests
Detailed design is needed before "jumping into the water".
Planning should be based on time assessed and estimated by team first
Quality of bugs description,
Constant Elaboration on features, with very clear acceptance criteria
Involve DevOps team in an early stage of the feature design and give a headsup to the DevOps team in order to plan it as part of the iteration content

Step 2
What went well?
Start the session on a positive note. Have each team member use green sticky notes to write down what they feel went well (one idea per sticky). Group similar or duplicate ideas together. Discuss your ideas briefly as a team.

Step 3
What needs improvement?
Same structure as before, but using pink or red stickies. Remind your team that this is about actions and outcomes – not about specific people.

Step 4
Next steps
Having identified what didn't go so well, what concrete actions can the team take to improve those things? Place ideas (use blue stickies) on the board, group them and then discuss as a team, agree to which actions you will take, assign owners and a due date to get them done.

5 min
10 min
5 min
10 min

Originally developed by Atlassian

28%

Confluence – Knowledge sharing