

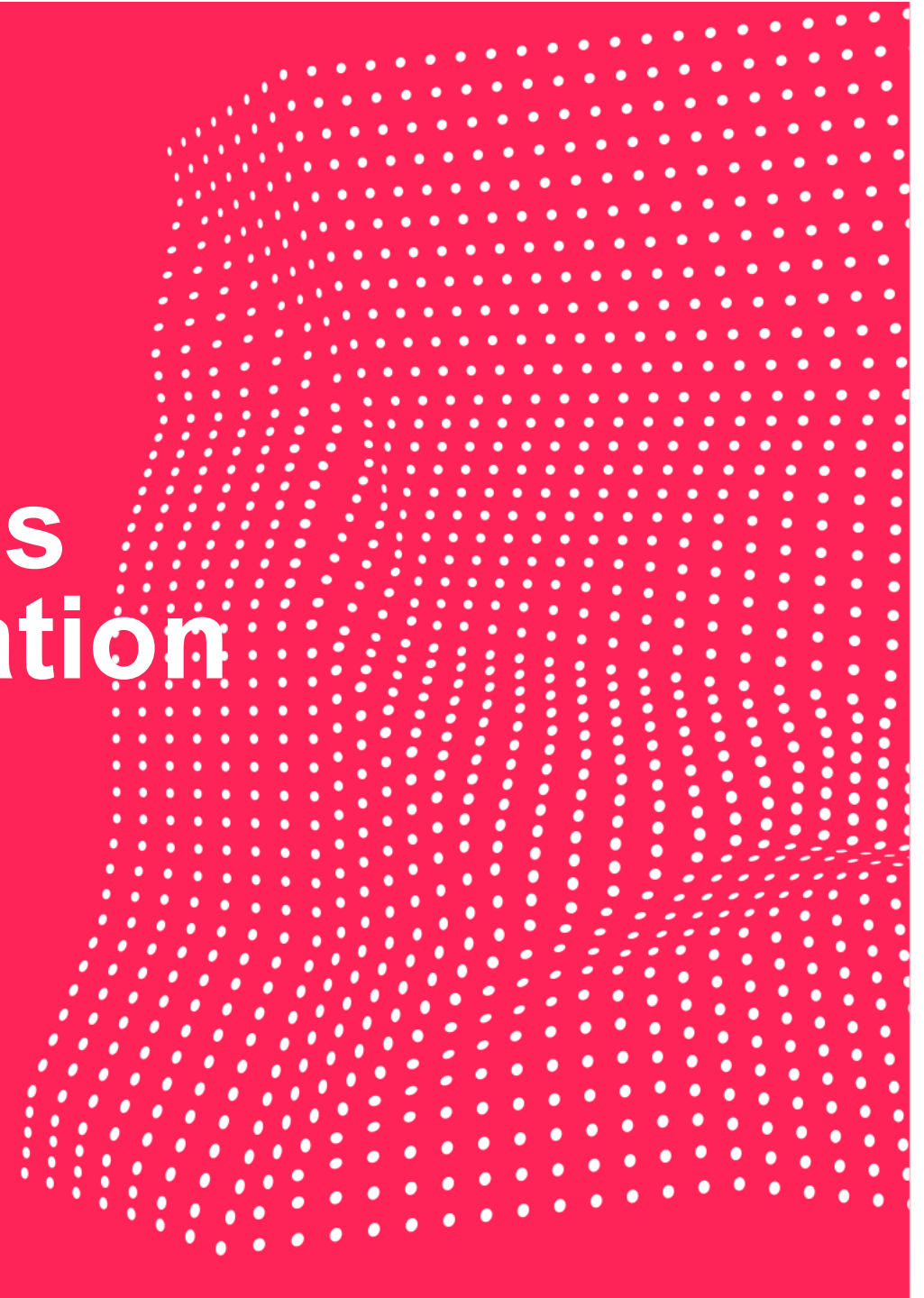
RED HAT FORUM, HELSINKI, 5.9.2017

HELPING THE WORLD GO DIGITAL

ambientia

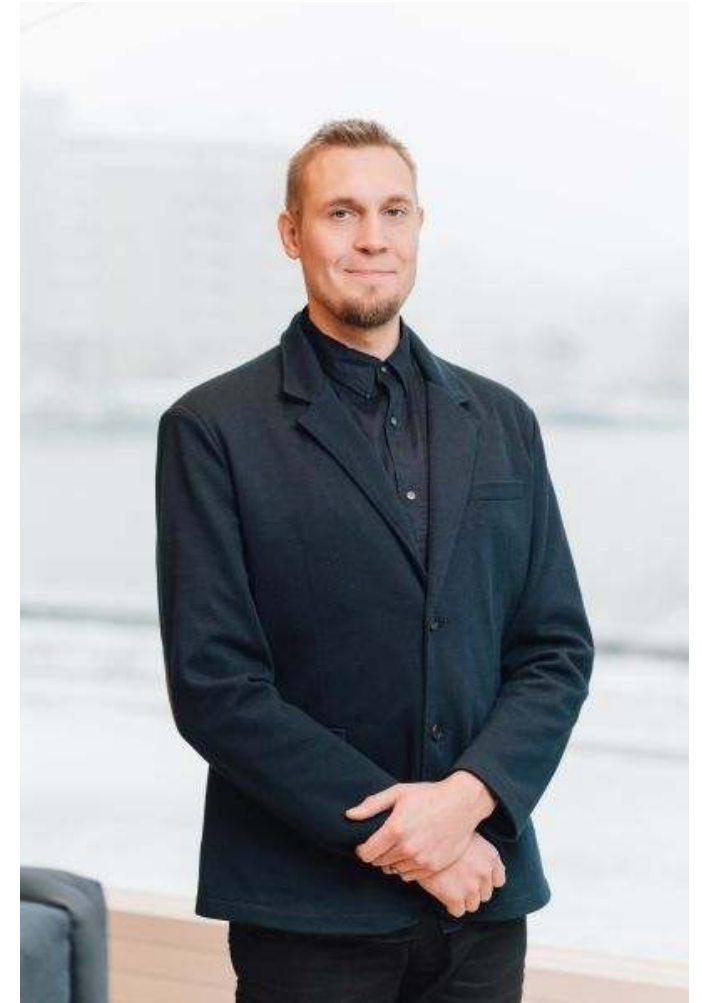
DIGITAL BUSINESS AWARENESS

Three Future Success Stories of Value Creation through OpenShift



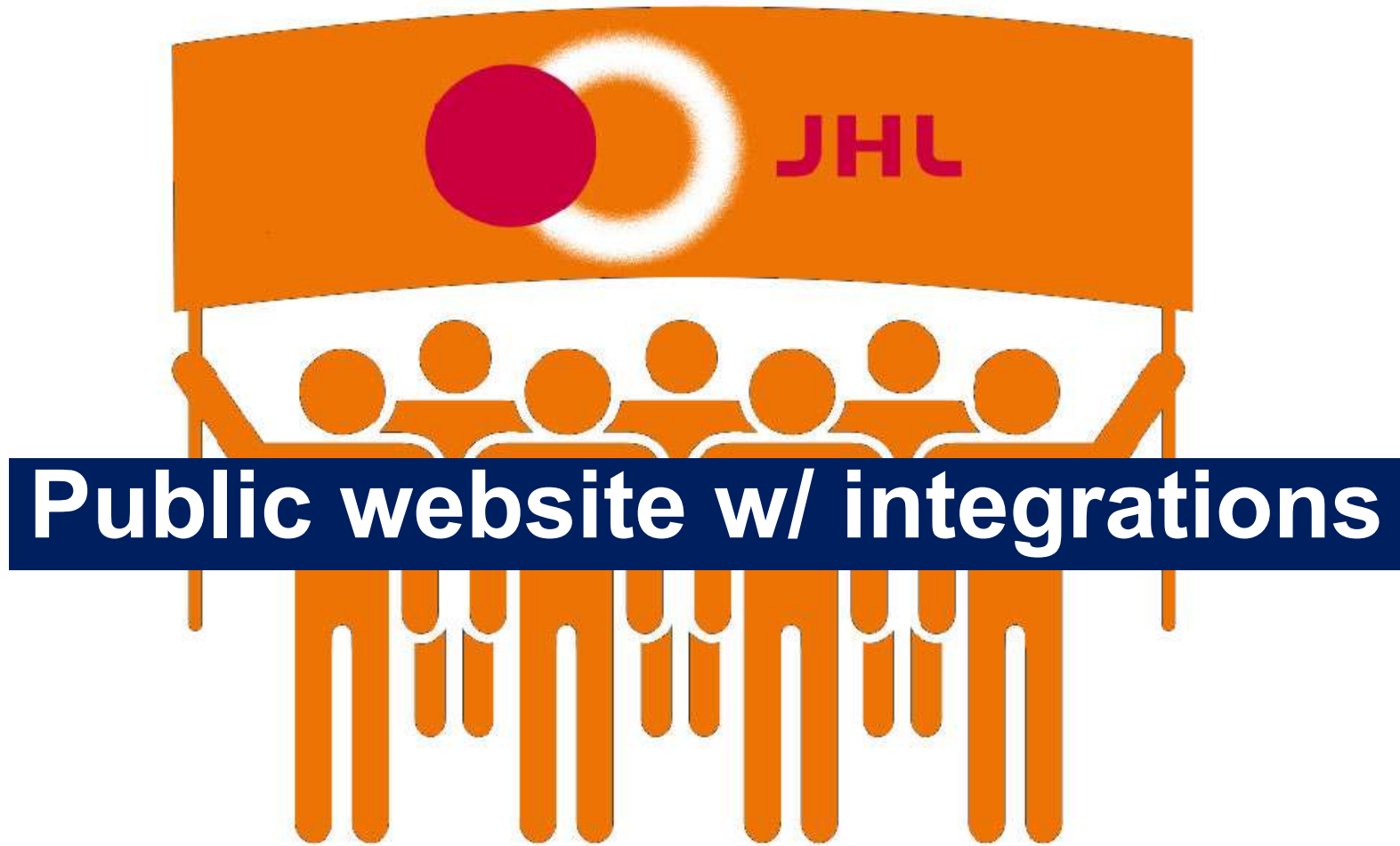
Heikki Malkamäki

- Teams Manager, Ambientia
- Software Developer & team lead background
- 10 years of experience in software industry



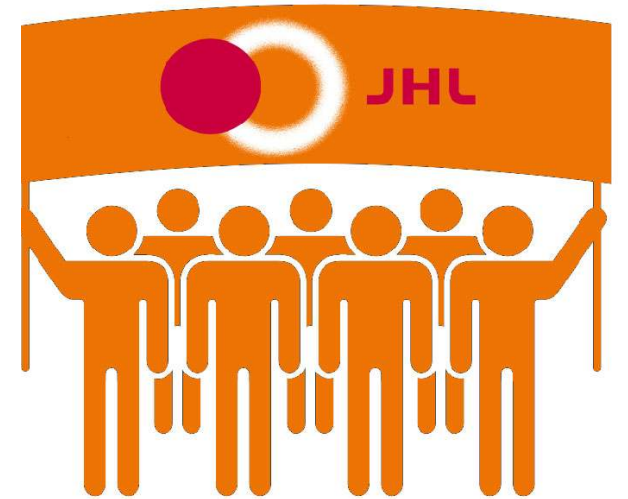
Agenda

- 1 The Trade Union for the Public and Welfare Sectors (JHL)
Public website w/ integrations
- 2 Linnunmaa Lex
Follow-up service for EHS legislation
- 3 Finnish Real Estate Management Federation (Isännöintiliitto)
Digital platform for business enhancement
- 4 Ambientia CI/CD pipeline (2 flavors + one idea)
- 5 Ambientia experience with RedHat OpenShift PaaS

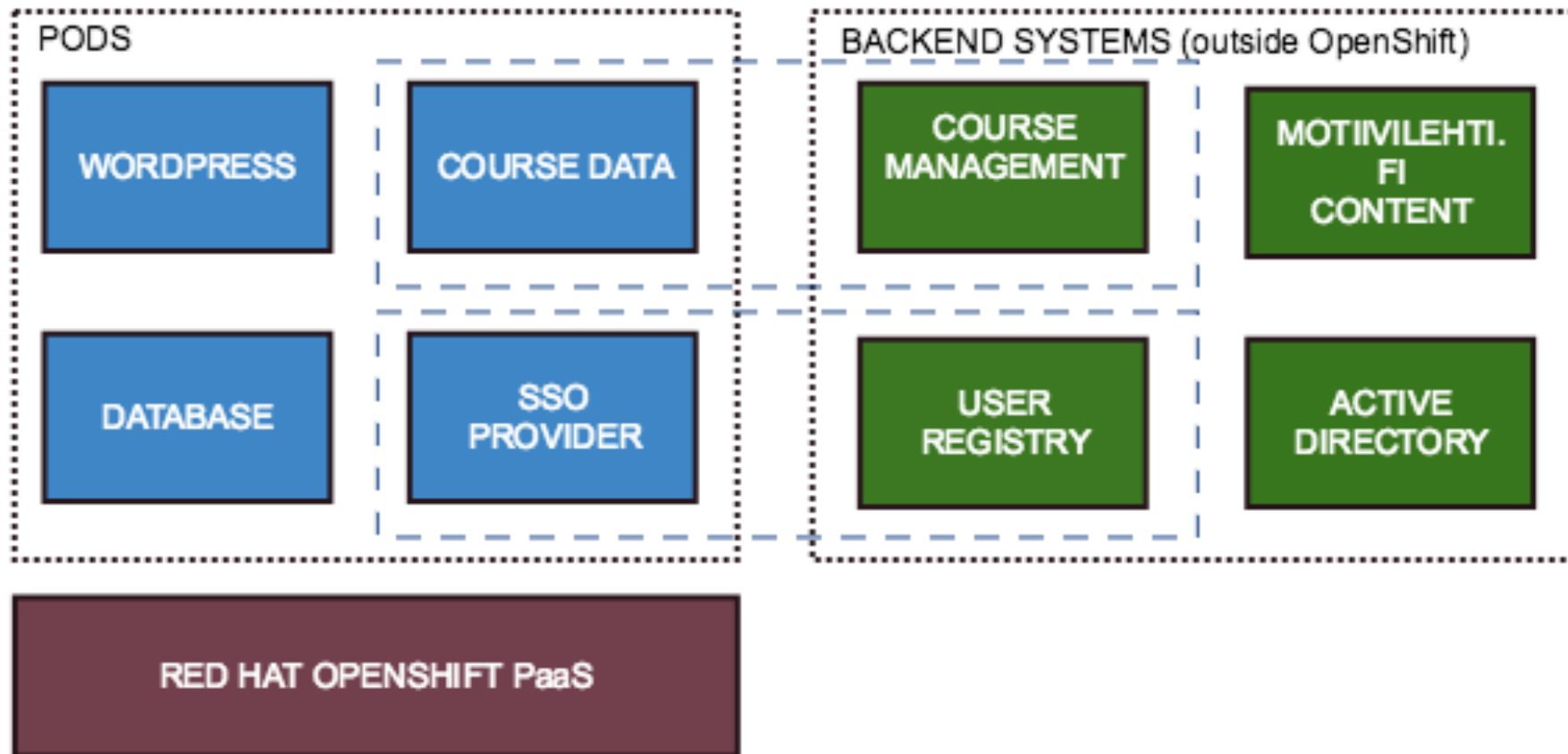


Starting point

- Outdated CMS solution, broken updates.
- Poor performance under heavy load.
- Running costs high.
- Need for refreshment.
- Future ideas.



JHL - Solution architecture



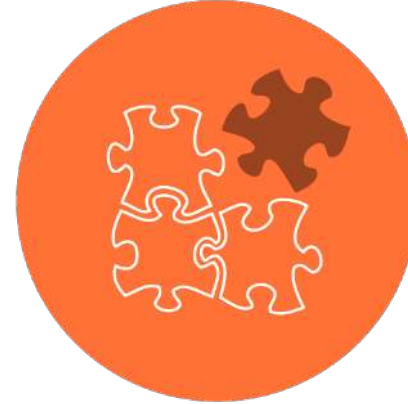
JHL - Benefits from OpenShift



Cost cutting



Modularity



Intact updates



Availability

Lex

*Etsimässä
lakiseurantapalvelua?*

Linnunmaa Lex

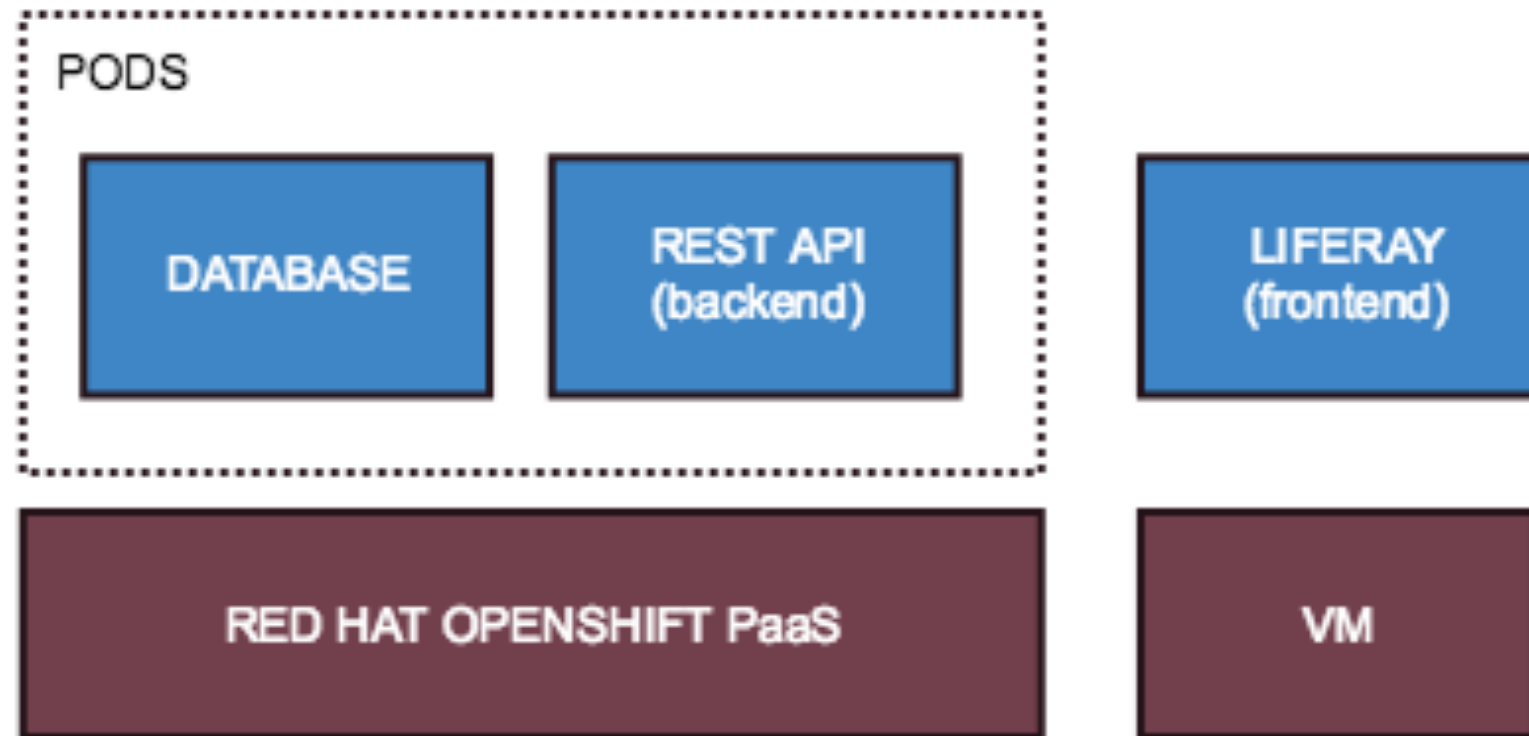
Follow-up service for EHS legislation

Before

- Bad quality solution. Crashes, instability.
- Solution didn't quite evolve with the business.
- Monolithic design inhibiting possibilities.
- Flexibility to support future business opportunities required.



Linnunmaa Lex - Solution architecture



Linnunmaa Lex - Benefits from OpenShift



Flexibility to serve current and future business needs



Speed of delivery



Metering provided support

An aerial night view of a city, likely Helsinki, showing a dense cluster of multi-story apartment buildings. The buildings are illuminated from within, and streetlights are visible on the roads below. The overall scene is a mix of urban architecture and greenery.

Isännöintiliitto

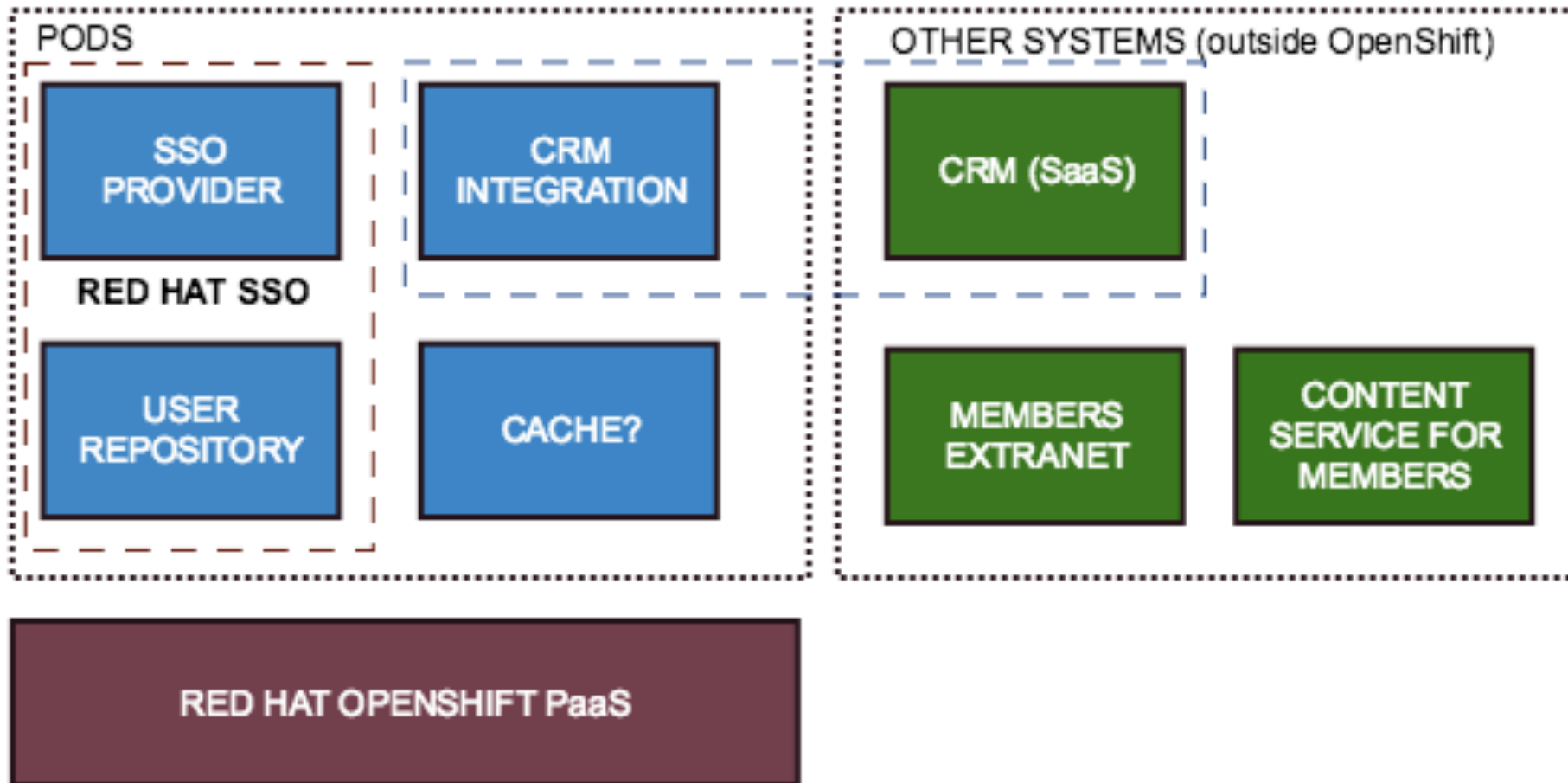
Digital Platform for Business Enhancement

Starting with

- CRM integration needs.
- Solutions evolved during years do not provide flexibility.
- **Lot's of ideas about business digitalization. Idea's refined and prioritized with the aid of Ambientia Business Advisor.**



Isännöintiliitto - Solution architecture



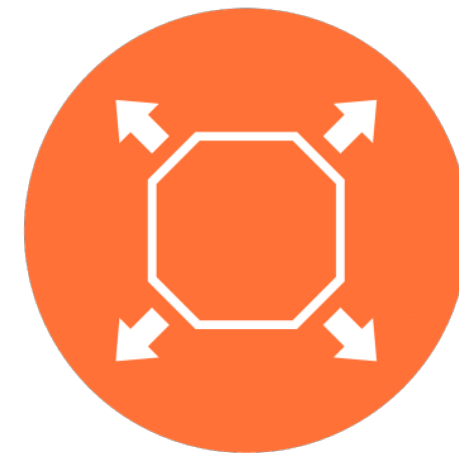
Isännöintiliitto - Benefits from OpenShift



Solid basis for
business digitalization



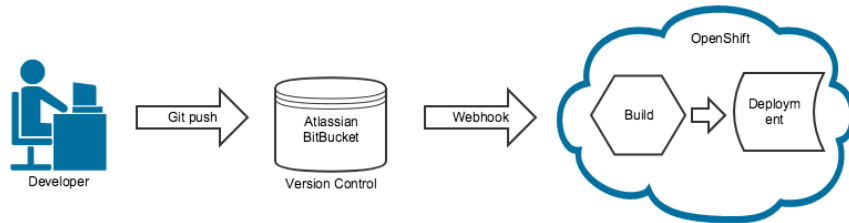
Reduced time to
market



Ready for expansion

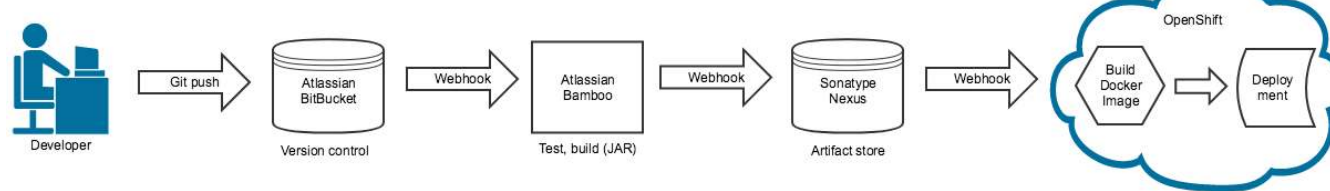
Ambientia CI/CD pipeline

Flavor 1



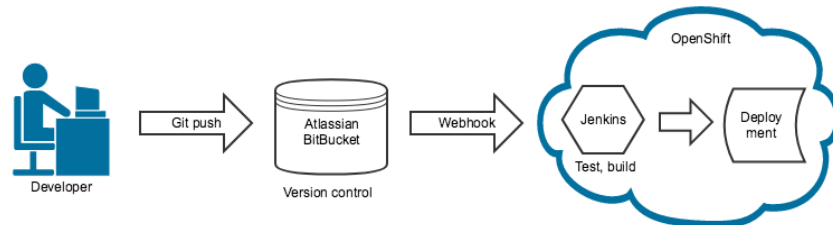
- Pros:
- Just commit and go! Master gets deployed.
 - Developer freedom.
- Cons:
- Builder image eats pod resources which means that a pod must have a lot of extra.
 - Currently no tests.

Flavor 2



- Pros:
- Bamboo features at disposal, e.g. build notifications.
 - No heavy builder images.
 - Build resources do not affect runtime resources
- Cons:
- More systems equals more points of failure.
 - Less developer freedom, Bamboo agent capabilities managed by IT.
 - Bamboo agent is a shared resource which may incur delay when lot of things being built.
 - NDA's pose problems at CI tool (Bamboo).

Future



- Pros:
- Jenkins features at disposal.
 - Resources for building can be managed separately from actual runtime resources
- Cons:
- ?

OUR EXPERIENCE WITH OPENSHIFT

Real excitement about how simple it was to establish a working project in OpenShift.

Speed of delivery is amazing.

Just a quick glimpse to the management console gives a good understanding of what the whole project is about.

Pod/container resources (CPU & RAM) are straightforward to configure.

It's useful and even educating to see resource consumption from OpenShift provided metering.

Easy to quickstart with a simple service.



ambientia

DIGITAL BUSINESS AWARENESS

Briefly about Ambientia





ambientia



Profitable since

1996

Revenue 2016

14 M€

155

Experts at your service

Over

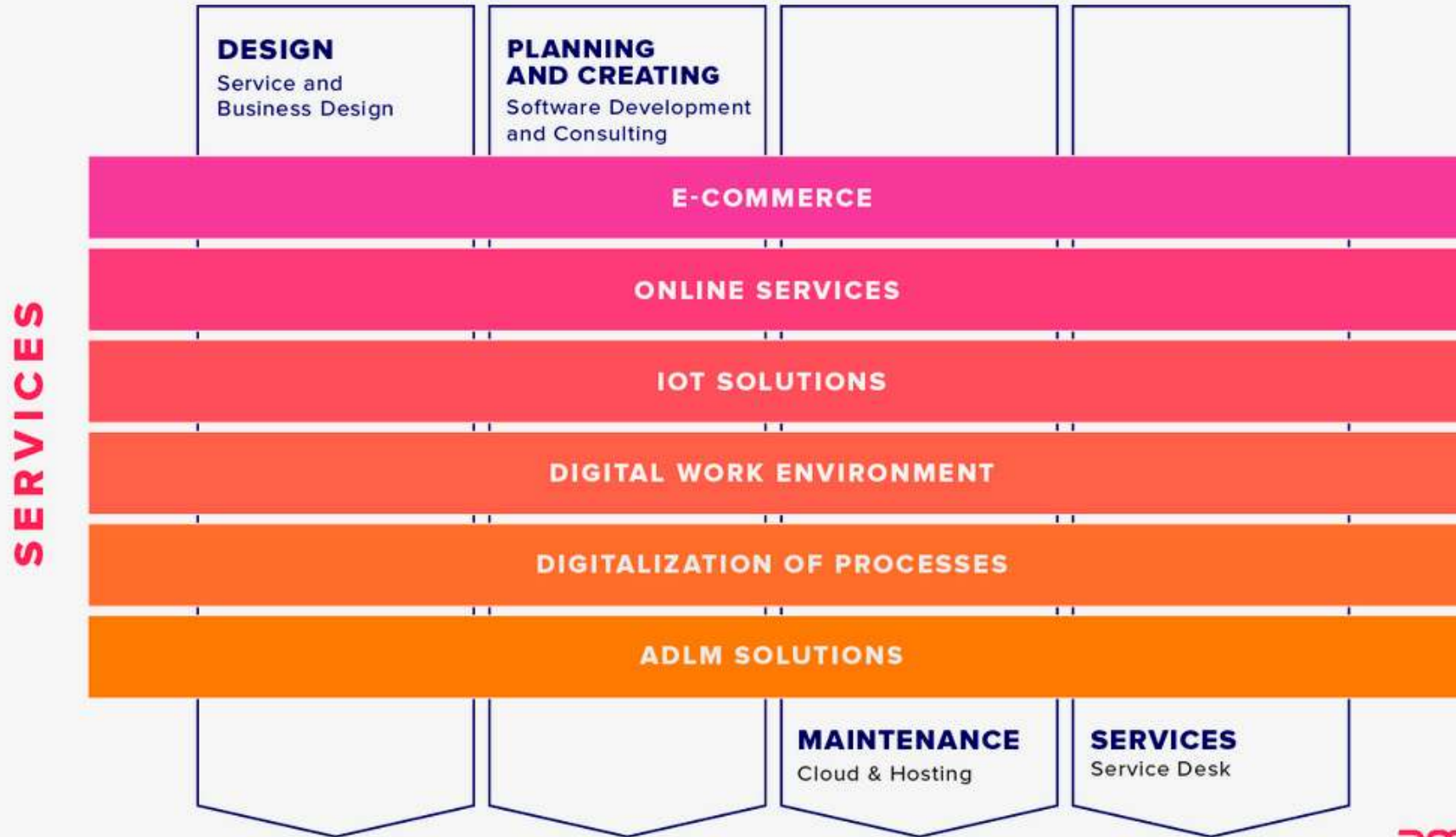
95%

Recommends us

ambientia

**Our job is to digitalize the
success of our customers.**

AMBIENTIA KNOW HOW



ambientia

Ambientia technology partners



a cup of **TOP TOPICS**

14.11. OpenShift Event at Helsinki

Agenda:

- 9-11 Business Insights on Digital Transformation
- 11-12 Lunch & networking
- 12-14 Best practices with OpenShift (technology point of view)

Please visit Ambientia's stand to registrate!

QUESTIONS?

THANK YOU!

ambientia

DIGITAL BUSINESS AWARENESS