

How can I document IT landscapes, keep them up-to-date and detect changes?

Alex Aschauer, Fabian Klose & Matthias Scholze | Online web session | June 14, 2022

Digital twin - IT infrastructure & application inventory

Motivation & objectives

Why do I need the IT landscape inventory?

- Basis for analyses, verification, reporting and decision-making
- Existential process information (ITSM, GRC, ISMS)
- Knowledge access and transfer for employees
- Requirement for certifications and regulation

Inventory requirements

- Completeness and correctness
- Up-to-dateness
- Human readable and machine processable

The challenge

- ⚠ Employees do not like (motivation)
- ⚠ Insufficient quality
- ⚠ High workload in terms of time
- ⚠ Frequent changes (container)

Automation

The Reward

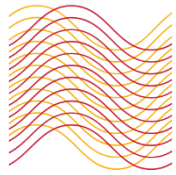
- ✓ Employee effort to obtain information
- ✓ Better decisions based on objective facts
- ✓ Basis for automation and digitalization

Inventory your IT landscape with Versio.io



Digital twin - IT infrastructure & application inventory

Regulatory requirements



BaFin

Regulatory requirements for IT

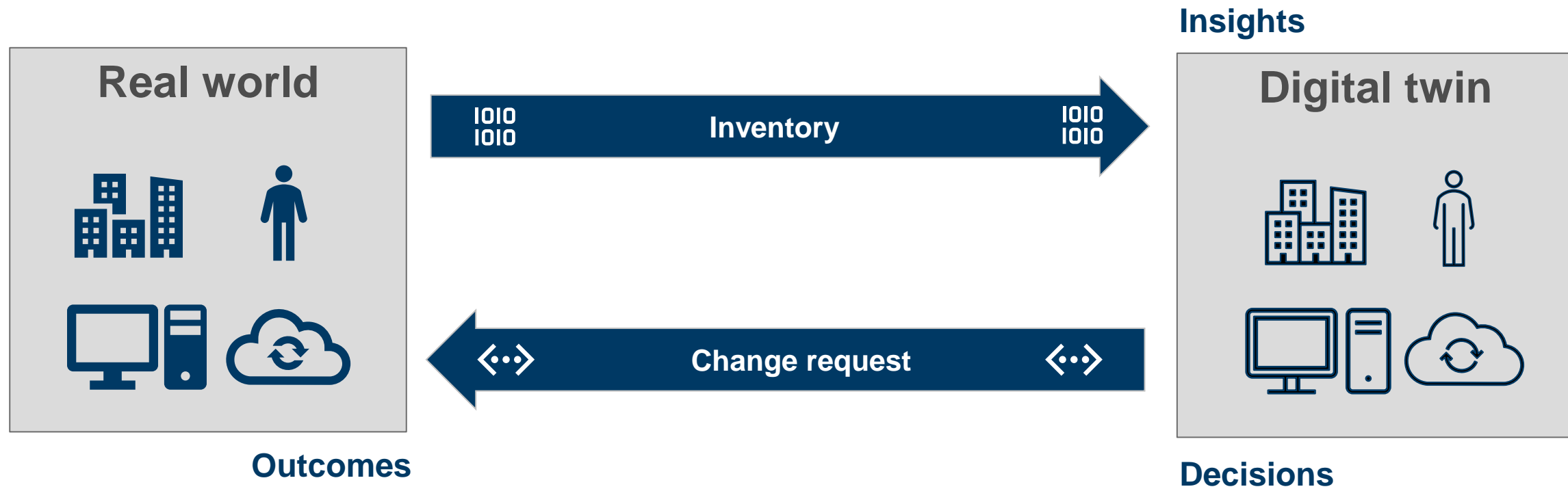
(Bankaufsichtlichen Anforderungen an die IT, BAIT)

The components of the IT systems and their relationships to each other shall be managed in a suitable manner and the inventory data recorded for this purpose shall be updated regularly and on an ad hoc basis. updated regularly and on an ad- ditional basis.

Digital twin - IT infrastructure & application inventory

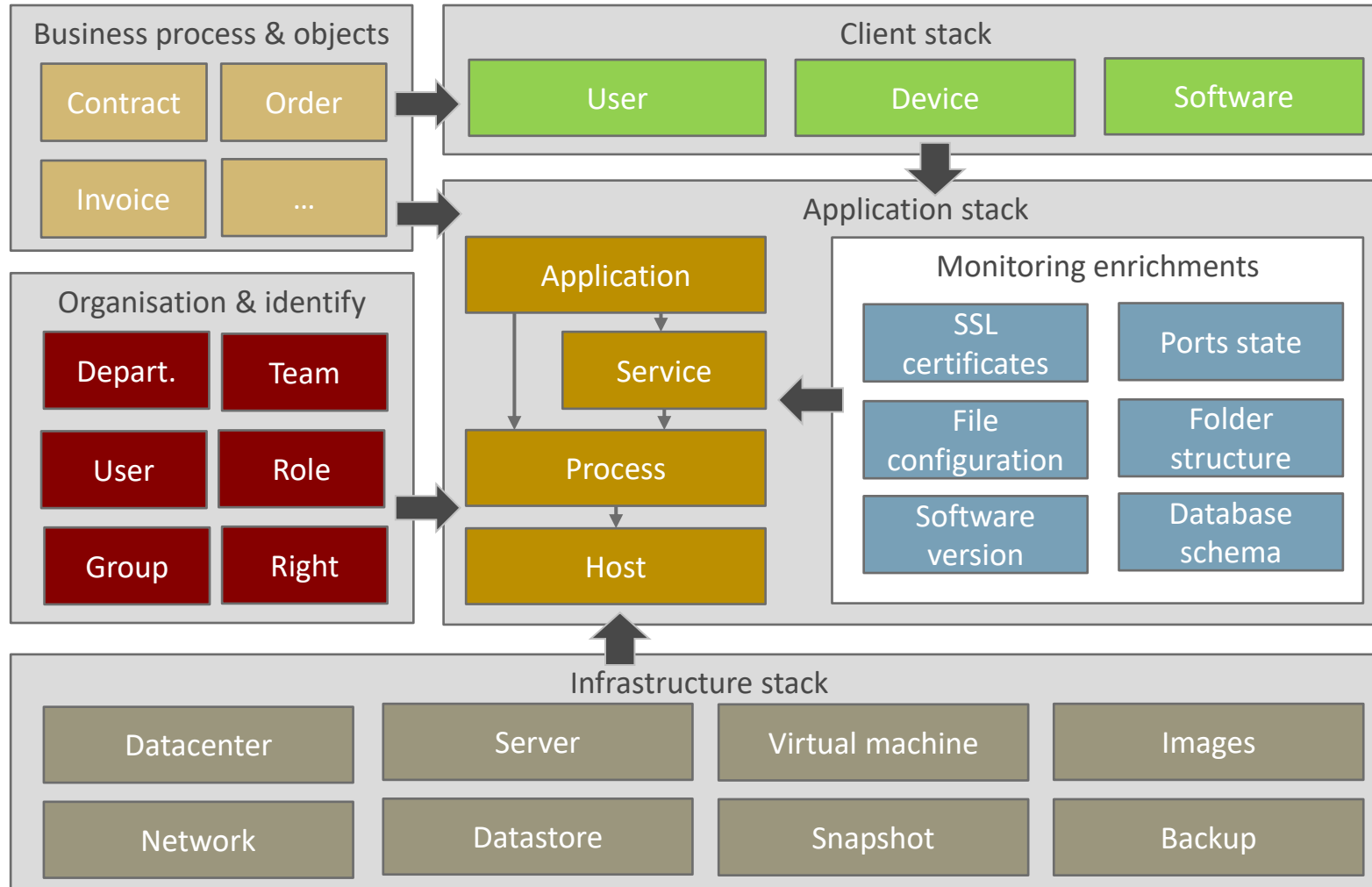
What is a digital twin?

*A digital twin is an image of the real world in a digital representation.
It enables the analysis and verification of the real world without direct access to it.*



Digital twin - IT infrastructure & application inventory

What can be inventoried in a company?



Information technology

- Backend Infrastructure
 - Cloud and container
 - Datacenter and virtualization
 - Server, storage & network
- Workstations
 - Desktop computer
 - Smart devices

Don't forget

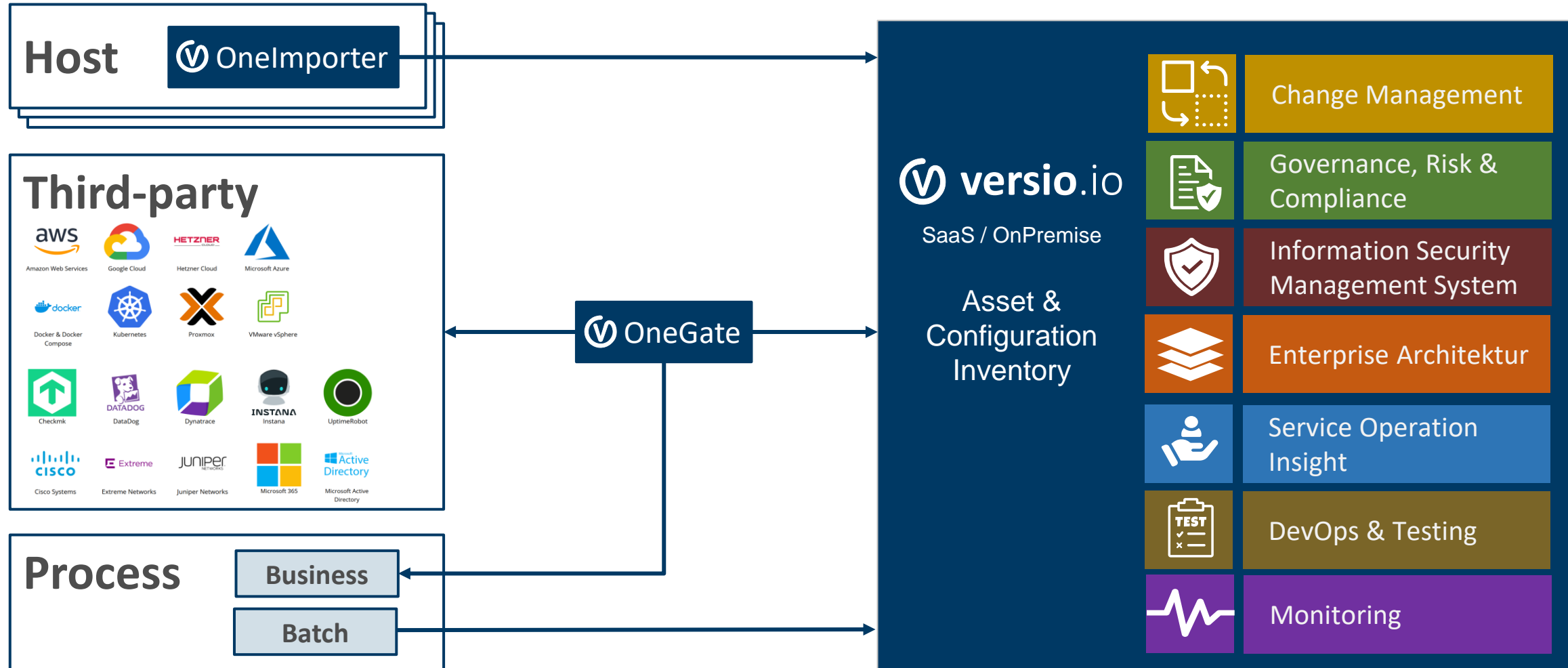
- Organisation
- Business
- Production

Inventory your IT landscape with Versio.io



Digital twin - IT infrastructure & application inventory

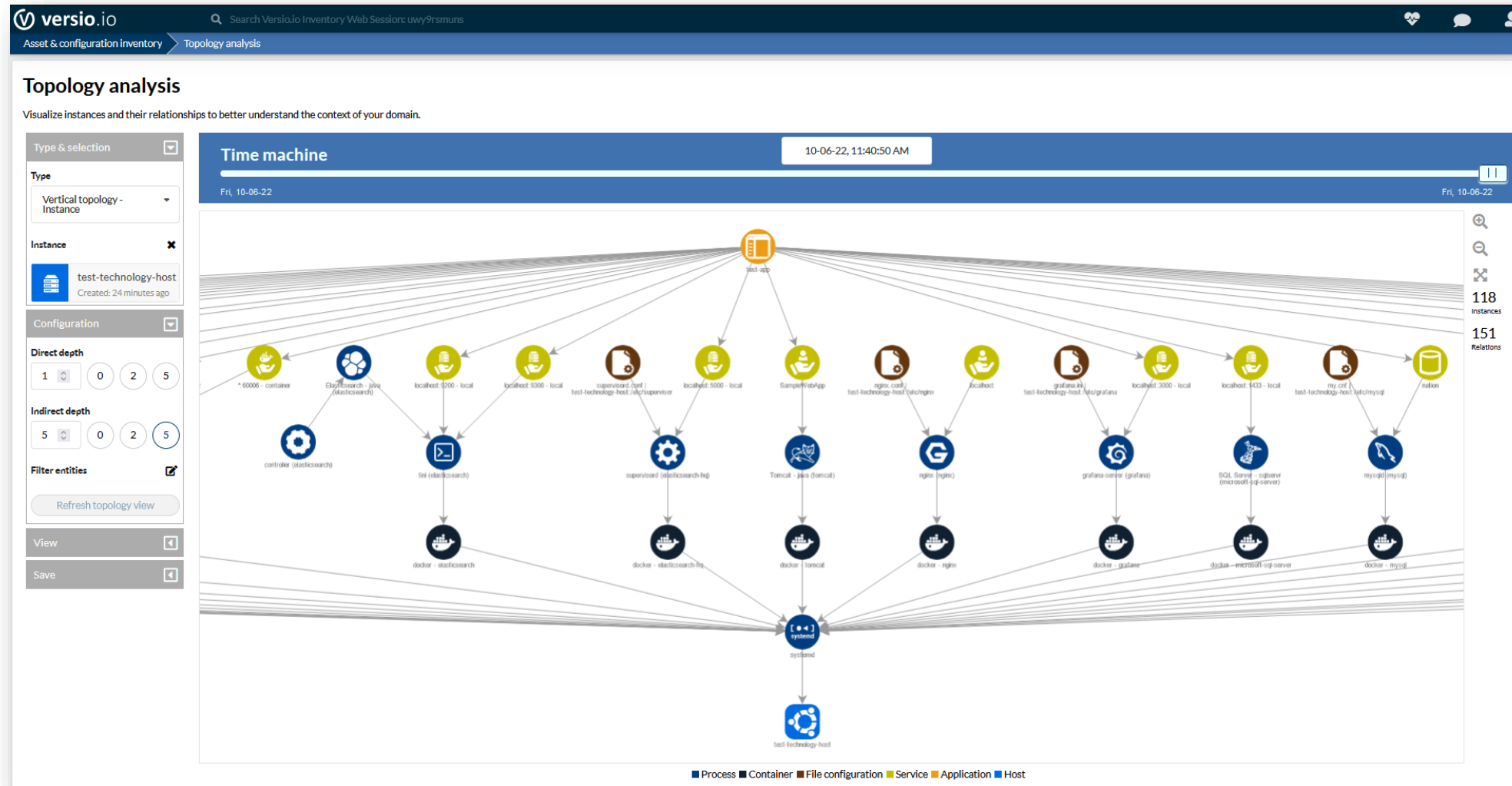
How does the automated inventory work?



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Live demo



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Digital twin - IT infrastructure & application inventory

Summary & outlook

Summary

- The creation and updating of documentation
 - can be extensively automated and
 - saves us unpopular staff work and poor quality.
- The central availability of information
 - saves staff time for procurement
 - improves IT development and IT operations, and
 - increases security, as no direct access is necessary.
- Topologies make the masses of information manageable and controllable.

Outlook - Take the next step with world-class data



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**Thank you for your interest.
Now is time for your questions?**

Alex Aschauer & Matthias Scholze

+49 (30) 22 19 86 51

hello@versio.io

QMETHODS - Business & IT Consulting GmbH
Stargarder Straße 10
10437 Berlin

Telefon : +49 (30) 22 19 86 51
Telefax : +49 (30) 22 19 86 53
E-Mail : hello@versio.io
Internet: <http://www.versio.io>