



SOLARWINDS®

Wohin mit der Observability?

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Sascha Giese started his career in IT in the early 2000s as a network and system administrator in a public school, where he learned teaching teachers how to use this thing called the internet is more complicated than resolving spanning tree problems.

Giese joined SolarWinds in 2014 as a solution engineer and became a subject matter expert on all solutions in the SolarWinds portfolio. He contributed to the SolarWinds Certified Professional® (SCP) exams and training curriculum.

As an Evangelist, his mission is to put humans into focus. Humans working in IT teams around the globe to keep organizations alive are overlooked easily.

Giese states, **“IT no longer supports the business; IT runs it instead.”**

He studied Media Informatics at the University of Lübeck, Germany, and he holds various industry certifications from Cisco®, Microsoft®, VMware®, Amazon®, and others.

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- Agendas sind böse.





Das Wichtigste Zuerst

Was
must du
beobachten?

Woher
willst du
beobachten?

Ansteigende Komplexität



...

...

CLOUD SERVICES

☁ 100s

INFRASTRUCTURE NODES

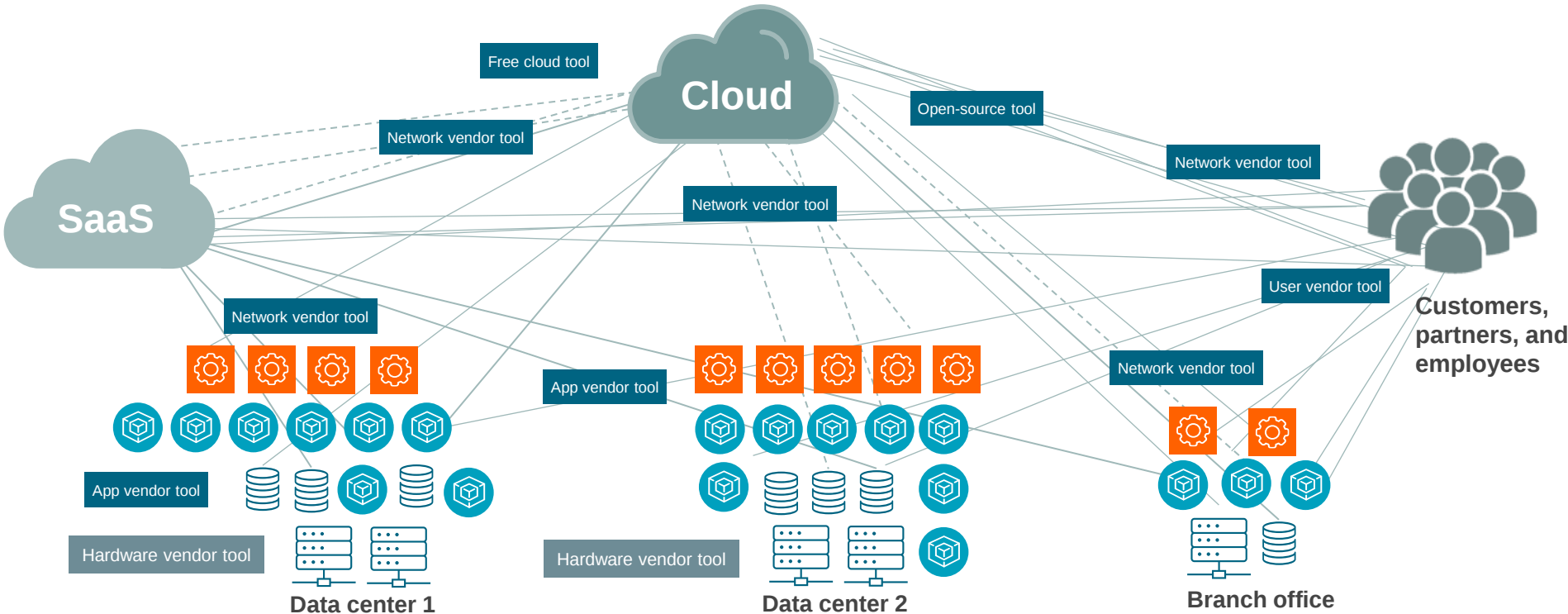
🏠 1,000s

APPLICATIONS

⚙ 100s

DATABASES

🗄 100s



Hybrid and multi-cloud and cloud-native

Infrastructure as a service (IaaS), SD-WAN, secure access service edge (SASE)

Modernization of apps and databases

DevOps, CloudOps, and AIOps teams

Information silos and tool sprawl

Manual root cause analysis

Low productivity

Poor service delivery

High risk and cost

Was heisst Self-Hosted?



- Euer Ding!
 - Application server(s)
 - Web Servers
 - Database Servers
- On-premises in einem Datenzentrum
- In einer privaten Cloud
- In einer öffentliche Cloud
 - Azure
 - AWS
- Oder irgendein Mix!





Primary app servers

- Offloading the website
- Response times between it and other servers
- Port requirements
- Offloading the bulk of the polling load due to other jobs on the primary app server only

Additional app servers

- Response time between it and the database
- Port requirements

Database servers

- High read/write traffic
- Response time between app servers and the database
- Storage
- Traffic
- Cost

Web servers

- Concurrent Users



Who are the users?

- Global org?
- Regional laws and regulations

Red tape?

- Workplace politics

Long term plans

- Try to look two years ahead.
- What changes to expect?

Empty column

- I was running out of ideas.



- High availability (HA)
 - Always on for SQL Server®
 - HA for application servers
- Load balancers for web servers
- Enterprise operations console



Wo Seid Ihr?



Data centers

- Run infrastructure and apps on-premises
- May leverage limited cloud in the future
- Have traditional three-tier apps
- Need little to no automation
- Have tech teams working on managing their specific areas
- Need monitoring solutions with robust capabilities



Cloud-enabled

- Have a cloud modernization strategy in the early stages of execution
- Run applications on-premises with some workloads in the cloud
- Need solutions to help with the cloud modernization journey and provide robust hybrid cloud observability



Cloud-modernized

- Have a cloud modernization strategy and are fast executing it
- Run hybrid IT with multi-cloud workloads (private or public cloud) with distributed services
- Need automation for managing increased complexity
- Need hybrid and multi-cloud observability with AIOps



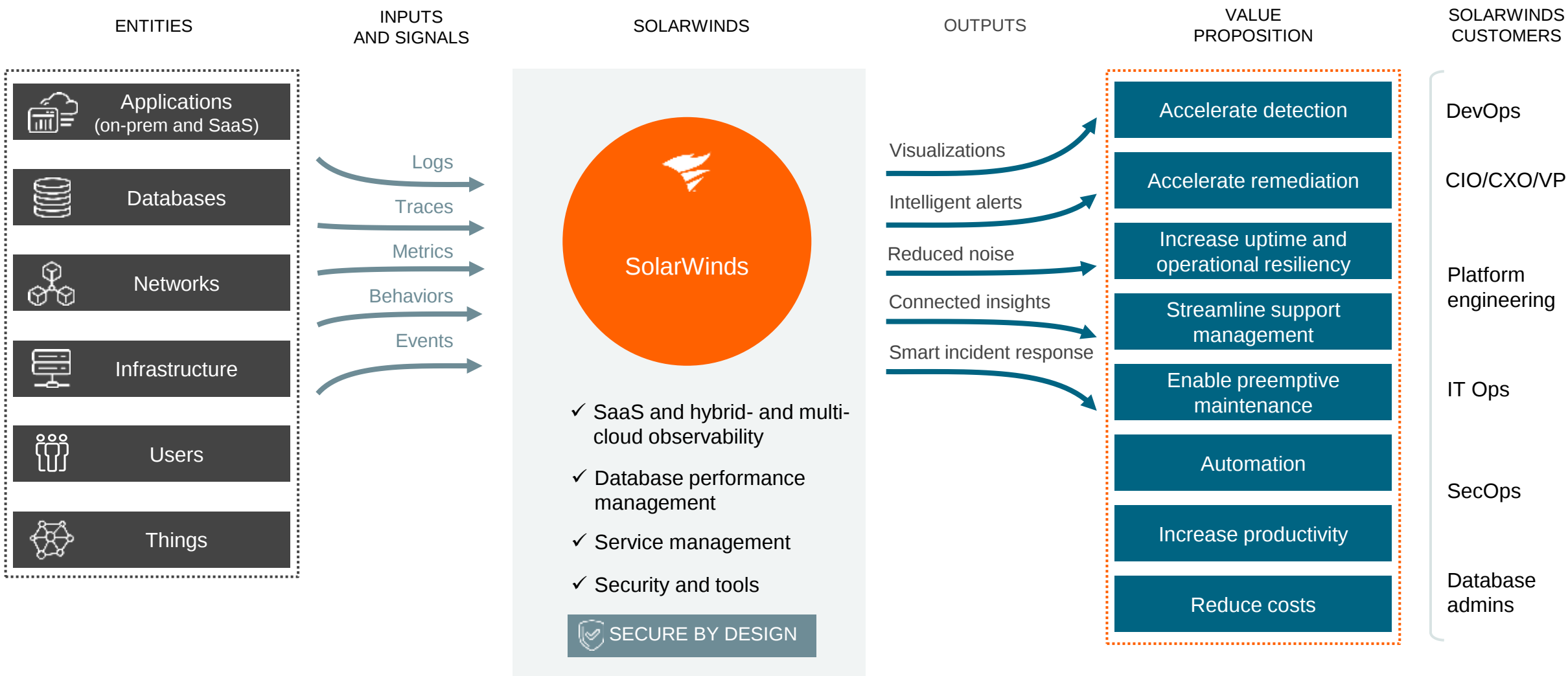
Cloud-native

- Have a cloud-only strategy
- Are cloud-native with distributed services/resources, containers, and microservices
- Have no private cloud strategy
- Need cloud-only observability

Achtung: Gefahr!

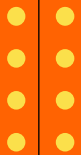


Not Enough? Here's More Food for Thought



Note: Represents SolarWinds goals for product development for 2024 and beyond. Product development goals represent forward-looking statements.

Q&A





**THANK
YOU**





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