CuriX®

Next generation system resilience

CuriX

ABOUT US

Swiss New Venture

Founded
2020

As part of an IT security group with 100 + employees

zh aw
HSLU Hochschule Luzern
SET
FHNW
Fraunhofer

HQ in
Baar (Zug)

Offices in Bern, Olten, Basel, München and Berlin

swiss made software

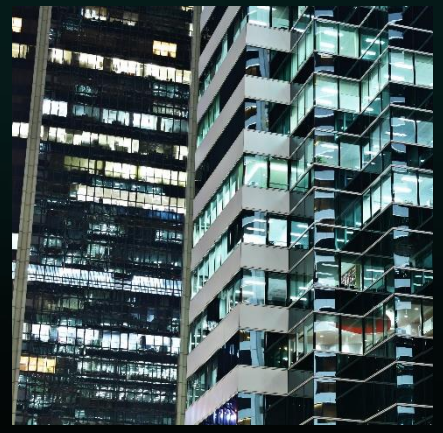
We‘re leading part of
Safety4Rails

A EU – Research Programme about digital and physical security for public transport

SECURIX

Start in
2016

In close collaboration with renowed universities and research partners



We create
Software

With on-shore development and own R&D department

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 883532.

CuriX

OUR VISION

Ensure resilience and performance of IT-systems with AI-based software

Prevent today what would go wrong tomorrow…

acting instead of reacting.

This is not only about cyber crime and dark traces … it is about resilience and sleeping well at night …

If somebody or something is threatening our piece of mind

The normal reflex: repel the attack, defeat the attacker, use an appropriate counter weapon.

And … if the attacker is neither known, nor his route, nor his or her weapon?

And … if the «attacker» comes from inside – on purpose, or by bad coincidence?

The “new normal” is a systemic cure: Use CuriX get your systems resilient.

THE MARKET PROVING THE EVIDENCE

Hacking or operational failure?

KOMMENTAR

Der Ausfall ist eine schwere Blamage für Facebook

Facebook, Whatsapp und Instagram waren am Montag rund sechs Stunden lang nicht erreichbar. Die von Milliarden Menschen genutzten Plattformen waren lahmgelegt. Die Welt scheint zu abhängig von einem Unternehmenskoloss geworden zu sein, der strukturelle Blössen zeigt.

Christof Leisinger, New York
72 Kommentare →
05.10.2021, 04.36 Uhr

Hören Merken Drucken Teilen

IT-Totalausfall bei der Bahn

Ticket-Blackout bei den SBB im Feierabendverkehr

Wegen einer Störung des IT-Systems konnten am Freitagnachmittag bei den SBB keine Billette mehr gekauft werden. Betroffen waren neben der Webseite und der App offenbar auch Automaten und die Software am Schalter. Gegen 18 Uhr geben die SBB eine erste Entwarnung.

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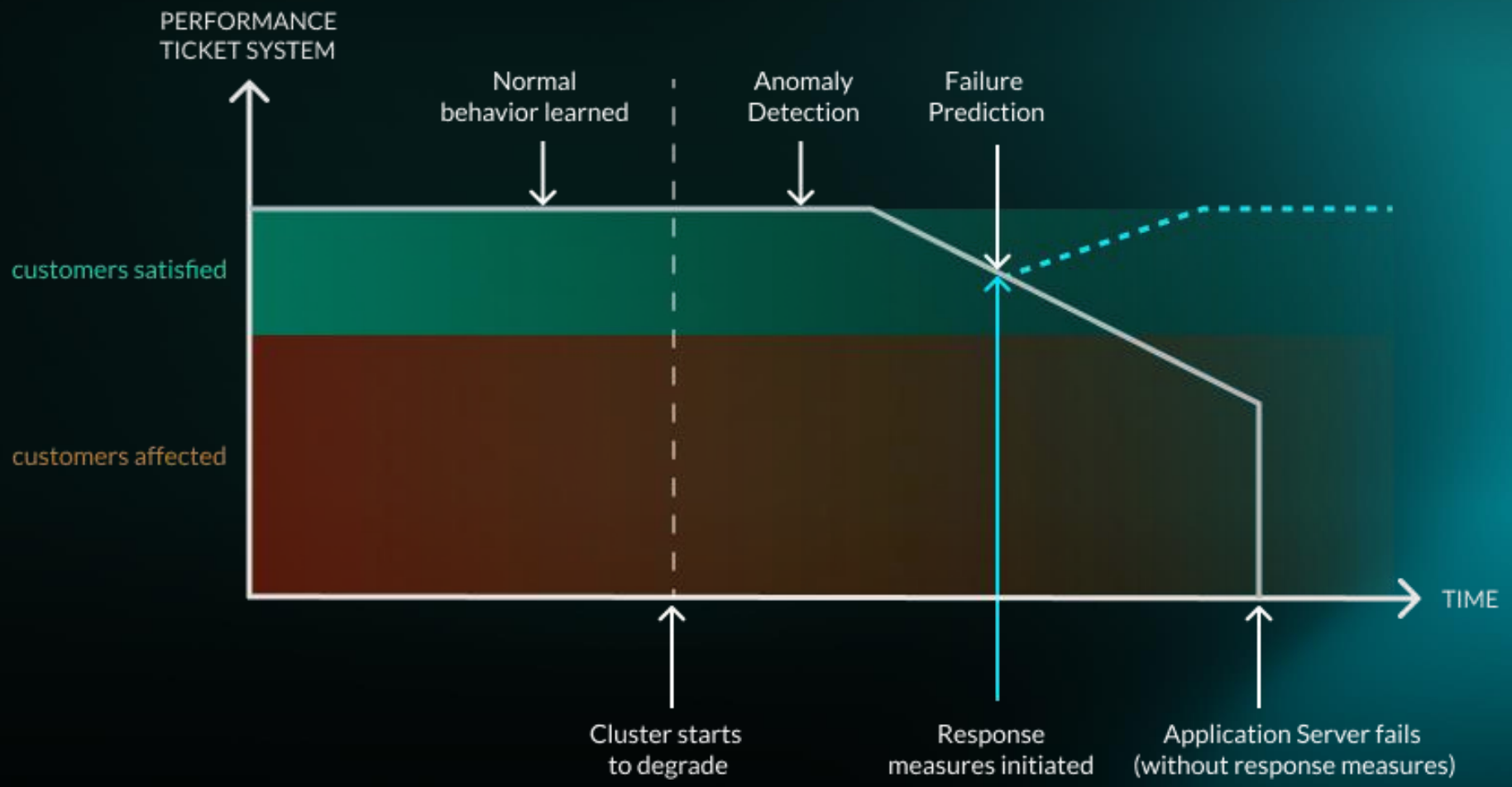
NO BLACKOUTS WITH CURIX

CuriX Timeline



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WHAT PROBLEMS DOES CURIX SOLVE?

Automized and holistic resilience with AI

SECURITY ISSUES

SERVER FAILURE

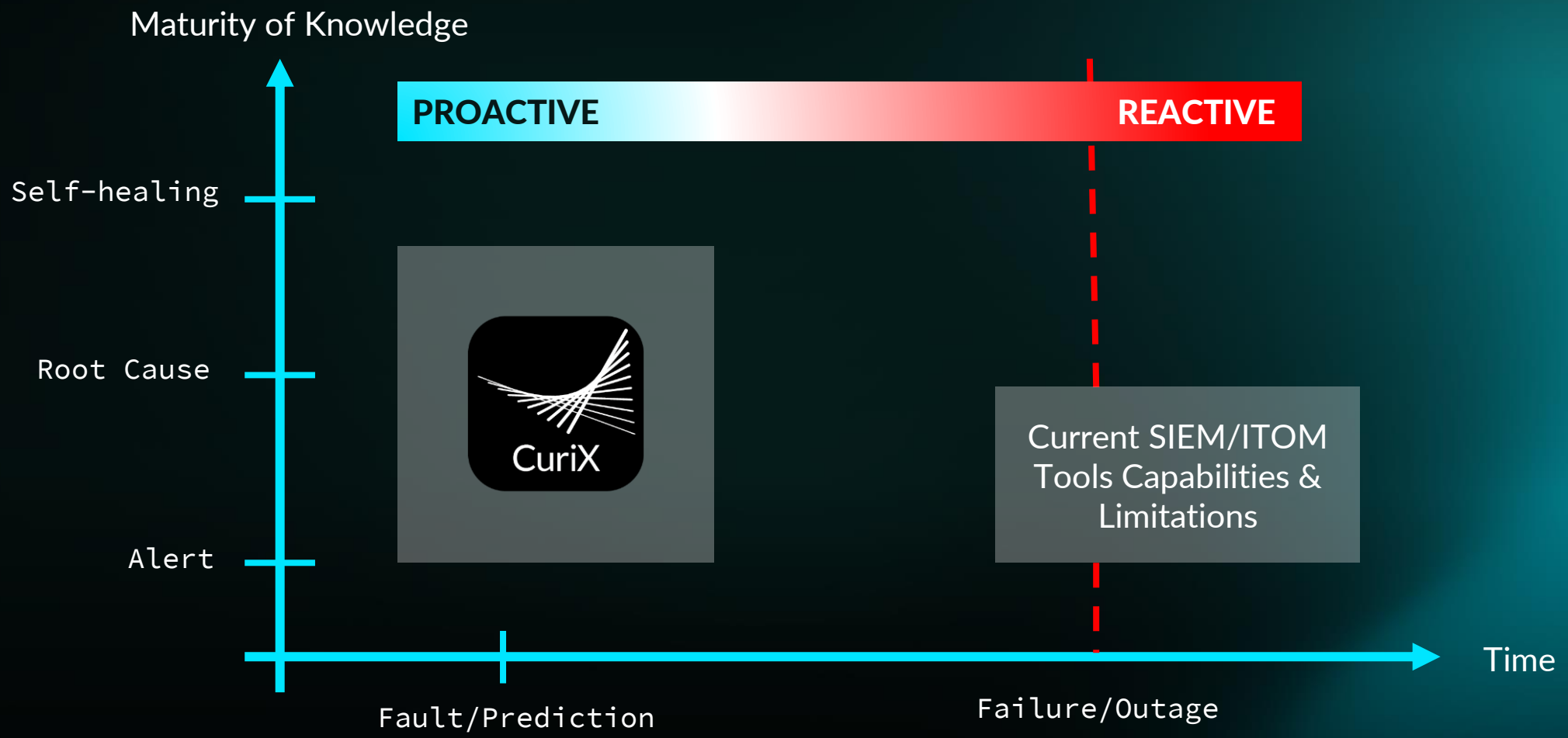
NETWORK PROBLEMS

SYSTEM FAILURE

PRODUCTIVITY ⬆ SECURITY ⬆

SEE NOW WHAT GOES WRONG TOMORROW

«CuriX® NextGen System Resilience» vs. «Classic Tools like Monitoring/SIEM»



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HOW DOES CURIX WORK?

Fully automized - Proactive Instead of Reactive

1

DATA COLLECTION

Collection of data from ongoing operations

2

SMART ANOMALY DETECTION

Automated and criticality-based anomaly detection

3

FAILURE PREDICTION

Automated correlation, criticality ranking, failure prediction

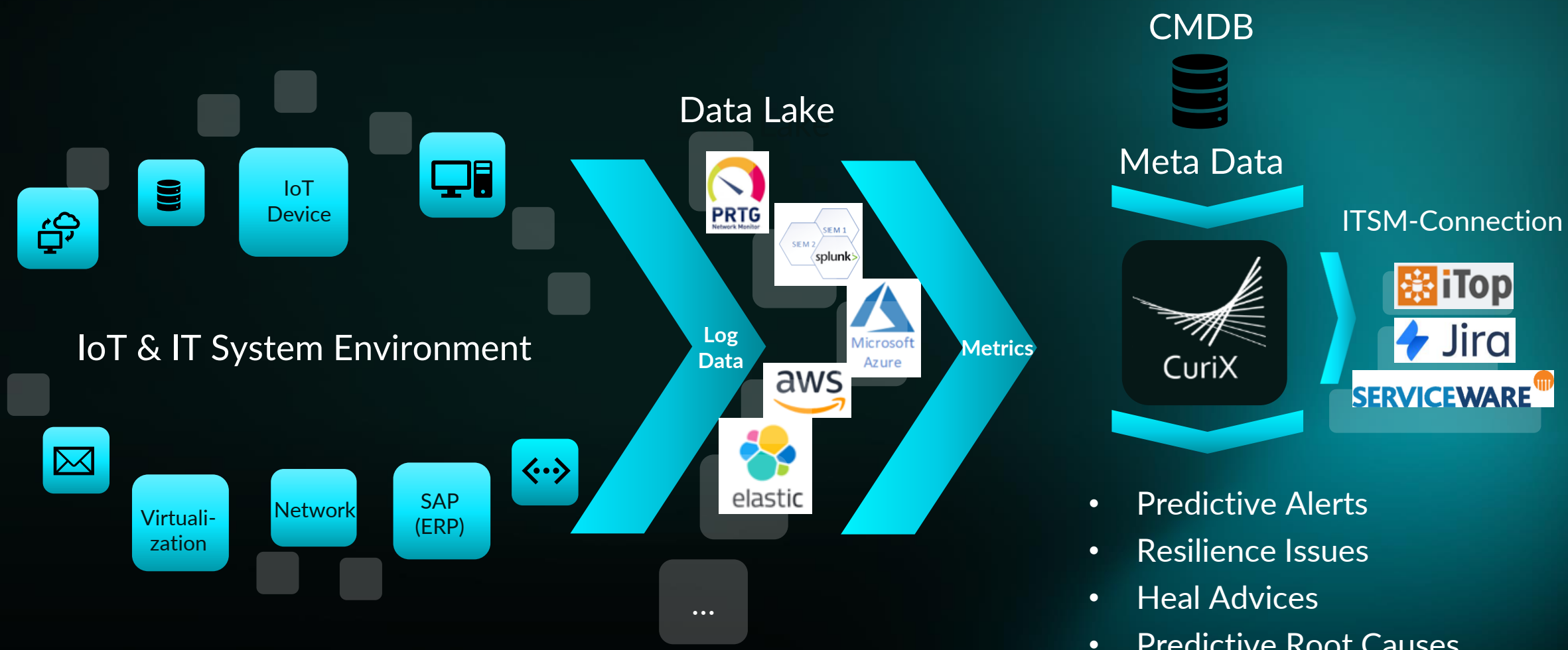
4

FAULT CORRECTION

Resilience issues, predictive root causes, heal advices, self healing

AGNOSTIC DATAFLOW – CONNECT SILOS

The „brainy“ dwarf on the shoulders of the giants



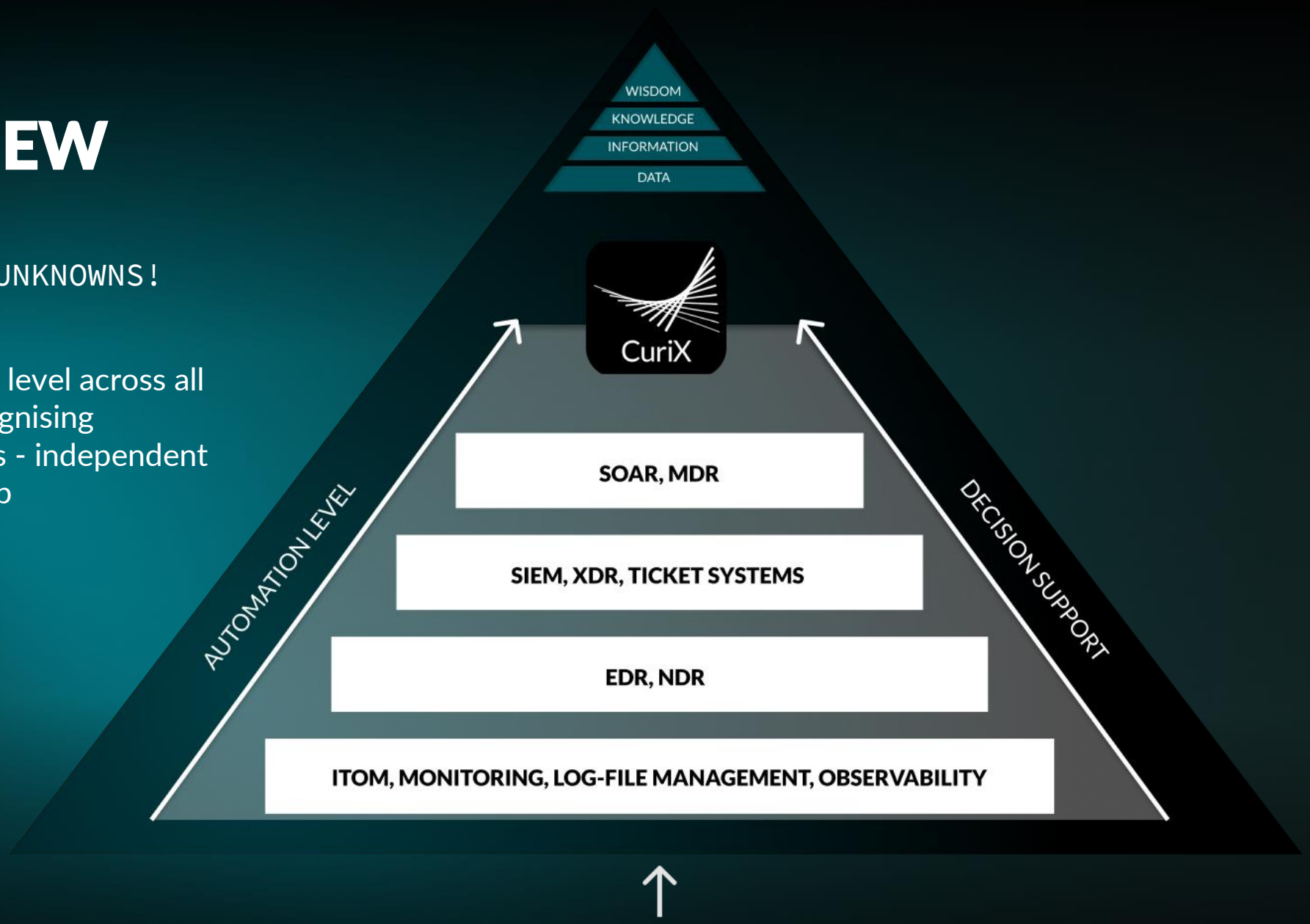
- Predictive Alerts
- Resilience Issues
- Heal Advices
- Predictive Root Causes

CuriX

HOLISTIC VIEW

DETECT THE UNKNOWN UNKNOWNS!
CYBER RESILIENCE

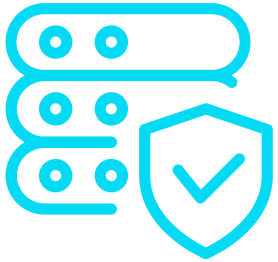
CuriX® increases reliability level across all areas and closes gaps recognising unknown, harmful patterns - independent from existing system setup



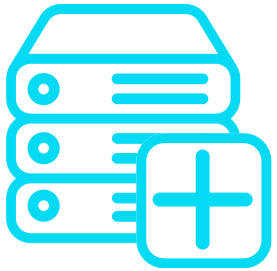
swiss made software

HOW DOES CURIX INTEGRATE?

On-prem | Hybrid | Cloud



FOR YOUR EXISTING IT SYSTEM



AS AN ADD-ON OR STANDALONE

AS A CLOUD SOLUTION

CuriX

WE HELP YOU WITH...

HOLISTIC ANALYTICS
& CONSOLIDATION

PREDICTIVE ALERTING

PREDICTIVE ROOT
CAUSE ANALYSIS

FULLY AUTOMATED
ANALYTICS & RESPONSE

DASHBOARD FOR EACH
STAKEHOLDER-GROUP

OUTAGE PREVENTION

RESILIENCE INCREASE

SAVE RESSOURCES

NOISE REDUCTION

SOURCE & OUTPUT
AGNOSTIC (REST-API)

CURIX® MANAGEMENT PORTAL

The display to your added value

CuriX

REFERENCES

Amazing companies
that trust us.

1000+
Resilient Servers

40.000+
Nodes

SAFETY4RAILS

WEIL GESUNDHEIT ALLES IST SWICA

Marti Group

ivoclar vivadent®

BKW

CURIX® FEATURES / BENEFITS

Versus ELASTIC / SPLUNK / QRADAR

Feature/benefit	CuriX	Elastic	Splunk	QRadar
Anomaly detection	✓	✓	✓	✓
Smart anomaly detection with machine-/deep-learning	✓	✗	✗	✗
Holistic approach, agnostic data sources	✓	✓	~	✗
SIEM functionality only	✗	~	~	✓
Fully automated analysis- and action cycle	✓	~	~	~
Proactive and predictive	✓	~	✓	~
Detect the «unknown unknowns» (unknown patterns)	✓	✗	✗	✗
Pricing, cost efficient, zero configuration effort	✓	~	✗	✗
Available as stand-alone or add-on	✓	✗	✗	✗

CURIX® FEATURES / BENEFITS

Added Value to Monitoring-Tools (eg. PRTG, …)

Feature/benefit	CuriX	Monitoring
Dynamic Thresholds (upper & lower)	✓	✗
Alert noise reduction	✓	✗
Critical Timeperiods	✓	✗
Predictive Route Cause	✓	✗
Zero configuration effort	✓	✗
Fully automated analysis- and action cycle	✓	✗
Proactive and predictive	✓	✗
Enhanced security	✓	✗

YOUR CONTACT PERSONS

Together for the future of IT

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