

PRIVÍTANIE A OTVORENIE - WELCOME TO HOTSPOT!



Roman ROŠTÁR

Corporate Business
Development

ALANATA HOTSPOT

Alanata

- Priestor pre stretnutia komunity ľudí, ktorí chcú dosiahnuť, aby aplikácie pracovali perfektne...
- Obojsmerná komunikácia, otázky môžete posilať na adrese:
sli.do/hotspot2023
- Ideálne neanonymne, aby sme vedeli prípadne odpovedať aj offline
- Využite príležitosť dozvedieť sa viac alebo podeliť sa o svoje názory a skúsenosti
- Otázky prezentujúcim, diskusie s účastníkmi počas prestávky, prezentačný stand s konzultantmi Alanata a možnosťou živých ukážok, social networking ...

ALANATA HOTSPOT:

DYNATRACE

SPÁJA BEZPEČNOST S OBSERVABILITY

Wi-Fi:
Hilton Honors Public

Slido:
#hotspot2023



Alanata

Technology Meets Business

WELCOME

Marcin Galocz
Partner Sales Manager – Eastern Europe

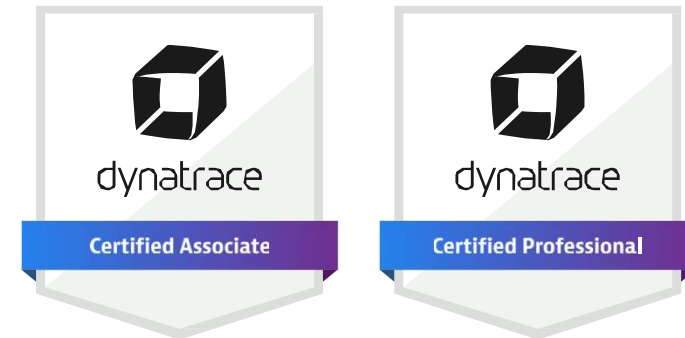


ALANATA A DYNATRACE

Master Partner a RFO pre Slovenskú republiku

- 12 certifikovaných konzultantov, z toho
- **4 konzultantov Dynatrace Professional**
- **7 konzultantov Dynatrace Associate**
- Dlhoročné znalosti a skúsenosti s monitoringom, optimalizáciou performance aplikácií a integráciou
- Vlastné rozšírenia Dynatrace platformy, dostupné celosvetovo na Dynatrace Hube
<https://www.dynatrace.com/hub/?query=alanata>
- Realizované úspešné projekty nasadenia Dynatrace v SR a ČR v rôznych sektoroch – financie, výroba, utility, telekomunikácie, štátna správa

Alanata



DYNATRACE MASTER CERTIFIED

Július Loman



VYBRANÍ ZÁKAZNÍCI

Alanata



J&T BANKA



DataCentrum
medzi Vami a financiami



Program konferencie

09:00 PRIVÍTANIE A OTVORENIE – WELCOME TO HOTSPOT!

09:10 DYNATRACE OBSERVABILITY PLATFORM – NÁJDIME SPOLU, ČO NÁS PÁLI!

Roman Roštár (Alanata)

Dynatrace Software Intelligence platformu predstaví Roman Roštár. Zabezpečte si spolu s certifikovanými konzultantmi Alanata dosiahnutie Observability vašich aplikácií.

09:50 IDEME VLAKOM S DYNATRACE

Radoslav Pirohár (Železničná spoločnosť Slovensko)

Skúsenosti s nasadením Dynatrace Observability Platform na predajných kanáloch ZSSK.

10:15 DYNATRACE MISSION AND VISION – VITAJTE V BUDÚCNOSTI

Jonathan Griffiths (Dynatrace)

Jonathan Griffiths z Dynatrace vám predstaví víziu a smerovanie Dynatrace platformy a ukáže pohľad do budúcnosti Observability očami Dynatrace.

10:45 PRESTÁVKA

11:15 DYNATRACE APPLICATION SECURITY – BEZPEČNE A PLYNULO!

Július Loman (Alanata)

Július Loman predstaví Dynatrace AppSec. Detekcia a prioritizácia zraniteľností vo vašich aplikáciách ako benefit Dynatrace Observability platformy.

11:50 TASTE OF DYNATRACE TEST / OCHUTNÁVKA TESTOVANIA V SLSP

Lukáš Lang (Slovenská sporiteľňa)

V Slovenskej sporiteľni pokračujú úspešné príbehy využitia Dynatrace platformy. Ten aktuálny bude o testovaní a optimalizácii aplikácií v procese ich testovania.

12:15 AKO OBJEKTÍVNE MERAŤ SPOKOJNOSŤ S MOBILNOU APLIKÁCIOU

Júlia Dinková (O2 Slovakia)

Viete, akým spôsobom používajú aplikácie Vaši zákazníci? Sú spokojní alebo frustrovaní? A dá sa s pomocou Dynatrace urobiť z 😞 frustrovaného zákazníka usmiateho 😊?

12:35 ZÁVER

12:50 OBED

 **dynatrace**

Alanata

Technology Meets Business

DYNATRACE OBSERVABILITY PLATFORM - NÁJDÍME SPOLU, ČO NÁS PÁLI!

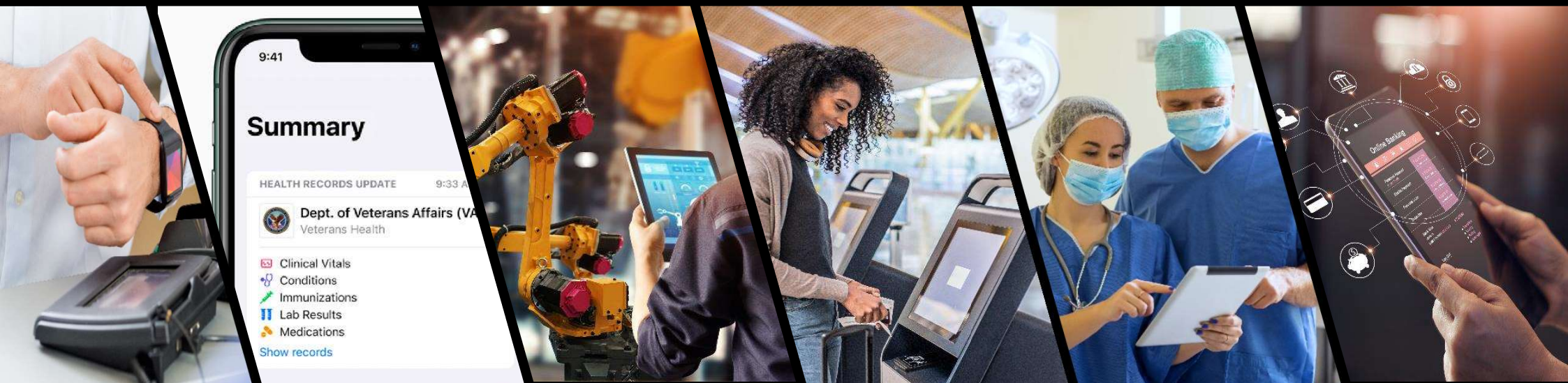


Roman ROŠTÁR

Corporate Business
Development

DIGITÁLNA TRANSFORMÁCIA

Alanata



RETAIL

GOVERNMENT

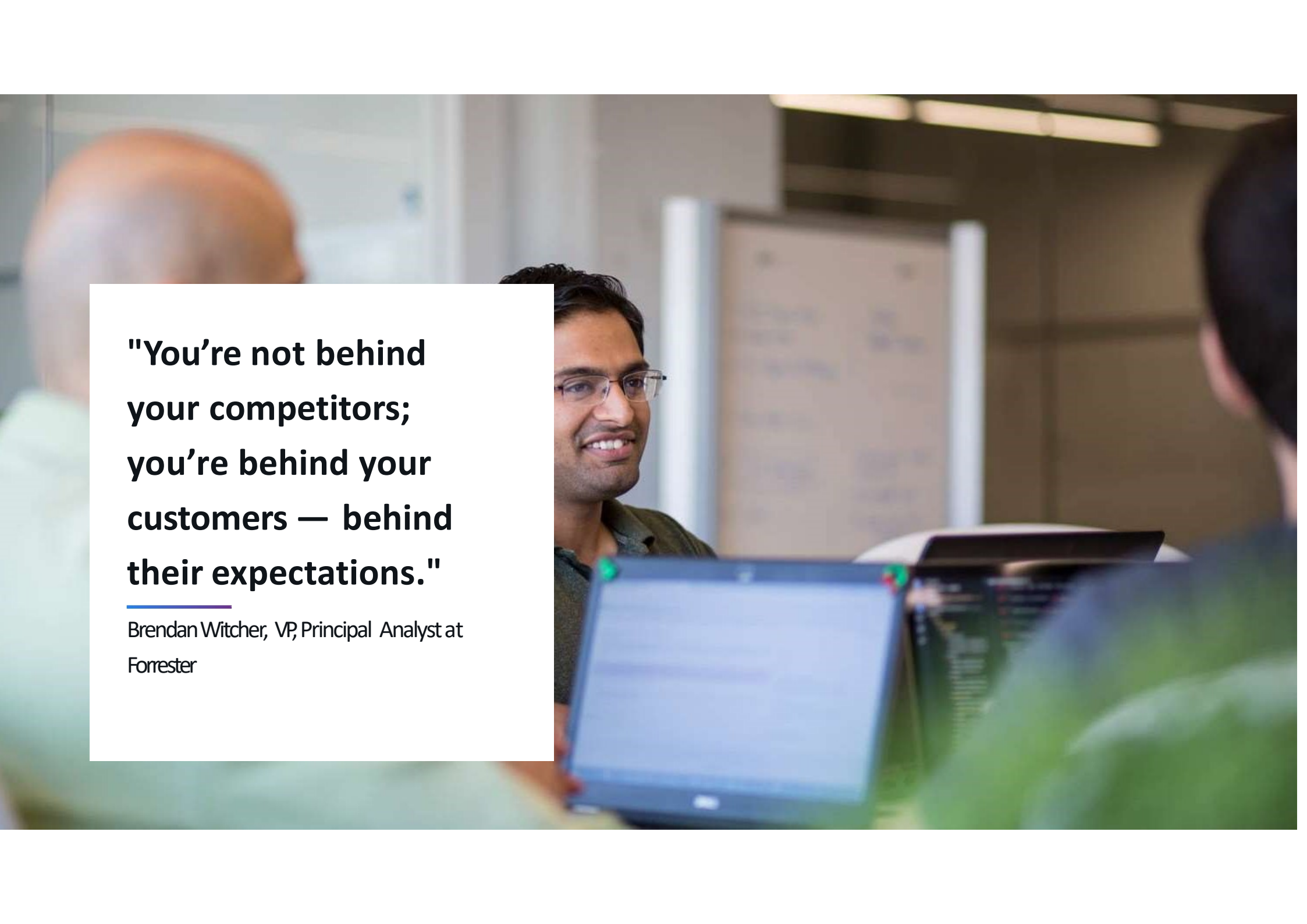
MANUFACTURING

TRAVEL

HEALTHCARE

FINANCE

Digitalizácia transformuje biznis v každom odvetví

A man with glasses and a green shirt is smiling and looking at a laptop in a meeting. Other people are visible in the background, but they are out of focus. The setting appears to be a modern office or conference room.

**"You're not behind
your competitors;
you're behind your
customers — behind
their expectations."**

Brendan Witcher, VP, Principal Analyst at
Forrester

HYBRIDNÝ SVET, HYBRIDNÝ CLOUD

Alanata

- Digitálna transformácia dostala výrazný impulz a tradičný osobný prístup je prepojený s online digitálnym prístupom
- Digitálne kanály sú rovnako dôležité, prípadne aj dôležitejšie ako tie tradičné...
- Pritom je v nich oveľa menšia miera tolerancie „nekvality“ nespokojnými používateľmi a oveľa ľahšia zmena poskytovateľa alebo brand reputačné riziko
- Aplikácie v digitálnych kanáloch sa stávajú chrbticou podnikania, preto musia neustále fungovať perfektne a optimálne
- Ako to však zabezpečiť ???

PREVÁDZKOVAŤ APLIKÁCIE JE NÁROČNÉ...

Alanata

1

Aplikácie sú viac dynamické a kontajnerizované,
čo vytvára komplexnosť a škálu ďaleko väčšiu ako poznáme z minulosti.

2

Zväčšujúci sa objem, typy ako aj rýchlosť tvorby dát
narástli za hranicu, kedy nestačí dáta zobrazíť na dashboarde.

3

Zvyšujúca sa frekvencia zmien
rúca staré prístupy k monitoringu, change a release managementu, bezpečnosti

4

Aplikácie sú dôležitejšie ako kedykoľvek predtým
a tak ako sa biznis stáva viac digitálny, organizácie a zákazníci sa stávajú závislými na tom, aby aplikácie fungovali bezchybne.

5

Zdroje ostávajú limitované
aj keď zvyšujúca sa komplexnosť a ladenie berú stále viac času vyhradeného na inovácie.



PREVÁDZKOVAŤ APLIKÁCIE JE NÁROČNÉ...

Alanata

1

Aplikácie sú dynamické a kontainerizované

creating complexity and scale far beyond that found in old datacenter world

2

Increasing volume, variety and velocity of data

has grown beyond what can be managed on dashboards alone

3

Accelerating frequency of change

strains old approaches to monitoring, release & change management, security, and more

4

Apps are more important than ever

and as every business becomes digital, the business and its customers depend on the full software stack to work

5

Resources remain limited

while increasing complexity and troubleshooting are stealing more time from innovation

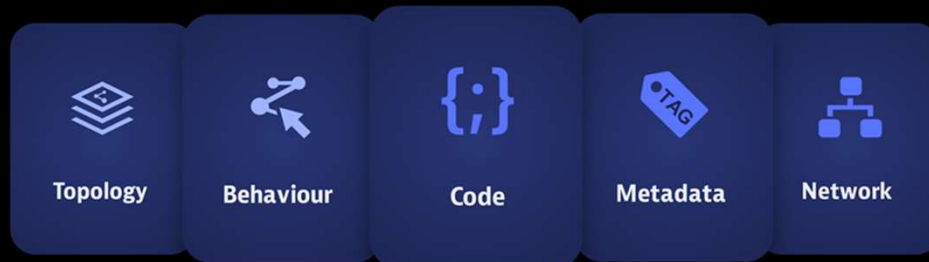


ČO JE OBSERVABILITY?

Alanata



+



+



Kompletný ucelený pohľad

Metriky, logy, trace dáta nepostačujú

Potrebná previazanosť – vzťahy aj metadáta

Informácie z aplikačného kódu

Metriky a udalosti z infraštruktúry, siete

Cloud platformy

Rozšíriteľnosť a automatizácia

GARTNER - APM A OBSERVABILITY

Alanata

Figure 1: Magic Quadrant for Application Performance Monitoring



Source: Gartner (April 2021)

Figure 1: Magic Quadrant for Application Performance Monitoring and Observability

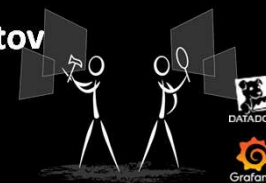


Source: Gartner

Source: Gartner (June 2022)

5. Tvorba dashboardov a reportov

Výstupy a prezentácia dát pre vývoj,
Prevádzku či biznis podľa potrieb



1. Zozbieranie dát

Skriptovanie, špecifické nástroje pre rôzne domény, konfigurovanie



2. Uloženie dát

Často samotné dáta rôzneho typu bez širšieho kontextu. Kontext dát nástroje riešia rôzne.



3. Organizácia dát

Dopĺňanie vzťahov a závislostí, definovanie normálnych a problémových stavov



4. Potlačenie šumu

Kontinuálne nastavovať, korelovať, filtrovať alerty.



6. Škálovanie riešenia

Aktualizácie nástrojov, nové aplikácie, zmeny, nové technológie, zvýšenie objemu dát, nové vzťahy, externé závislosti, ...

Vyžaduje značné úsilie a skúsenosti na vybudovanie a udržiavanie riešenia – uberá z Vášho času. Problémové škálovanie a udržiavanie. Vyťažuje kľúčových specialistov.

DYNATRACE. FULL-STACK OBSERVABILITY

Alanata



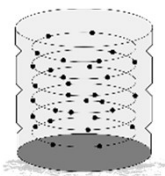
5. Dashboards a analytické obrazovky

Vizualizácie dát presne podľa potrieb jednotlivých oblastí.



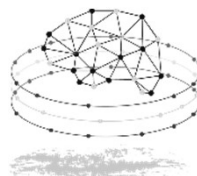
1. Automaticky zbierať dáta

Bez skriptovania, konfigurácie, ďalších nástrojov. Kontinuálne a automaticky



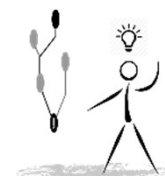
2. Vstavané dátové úložisko pre typy dát

Podpora rôznych typov dát, veľkých objemov a rýchlostí vkladania. Bez nutnosti ďalších zdrojov.



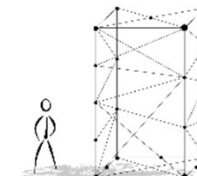
3. Automatická organizácia dát

Vzťahy v prostredí sú nepretržite sledované a aktualizované. Dáta sú vkladané už s kontextom.



4. Automatické potlačenie šumu

Iba problémy vyžadujúce pozornosť a vždy s vysvetlením príčiny a dopadu.



6. Škálované

Jednoducho škálovateľné pre ľubovoľne veľké prostredia, aplikácie, masívne objemy dát.

Minimálne úsilie na prevádzku a údržbu riešenia. Uvoľní čas vašim expertom. Ľubovoľne škálovateľné.

DYNATRACE. ALL-IN-ONE OBSERVABILITY

Alanata



DYI přístup

All-in-one přístup



Jednoduchost

Rychlost

Efektivita

Rozširovatelnost

BEST-IN-CLASS OBSERVABILITY

Alanata



Automaticky objaví a vyzbiera nielen traces, metriky a logy, ale oveľa viac

MULTICLOUD POKRYTIE

Alanata



Traces Metrics Logs + Topology Behaviour Code Metadata Network + API OpenTelemetry keptn

Kubernetes OpenShift AWS Azure GCP Tanzu Enterprise Hybrid cloud

Automaticky podporuje všetky kľúčové IaaS, PaaS a hybrid-cloud prostredia

VIDITEĽNOSŤ CEZ CELÝ HYBRIDNÝ MULTICLOUD

Alanata

600+

INTEGRÁCIÍ

 Software Intelligence Platform

 OneAgent |  PurePath |  Smartscape |  Davis AI incl. AIOps |  Hyperscale

 Traces  Metrics  Logs

 Topology  Behaviour  Code  Metadata  Network

 API  OpenTelemetry  keptn

 Kubernetes  OpenShift  AWS  Azure  GCP  Tanzu  Enterprise  Hybrid cloud

Automatic and intelligent observability

Broadest multicloud and technology support

Otvorená platforma s najširšou podporou out-of-the-box, jednoduchá rozšíriteľnosť

DYNATRACE SOFTWARE INTELLIGENCE PLATFORM

Alanata

Continuous automation



Hybrid cloud observability



Fault domain isolation



Serverless, container, pod and network

Intelligent observability



Hybrid cloud distributed tracing



Automatic code-level root-cause and profiling



Front- & back-end availability and performance

AI-assistance



Run-time vulnerability detection



Impact analysis



DevSecOps automation



Mobile, web browser and API



Feature adoption analysis



Visual session replay

User experience and business analytics



Real-time business insights



Impact and conversion



BizDevOps integration and automation



Closed-loop remediation



Quality gate, service level and delivery



DevOps, SRE lifecycle

Cross team collaboration



Ecosystem integrations



Custom solutions



API programmability

Infrastructure Monitoring

Applications & Microservices

Application Security

Digital Experience

Business Analytics

Cloud Automation

Dynatrace Hub

Software Intelligence Platform

OneAgent | PurePath | Smartscape | Davis AI incl. AIOps | Hyperscale



SaaS and Managed

Traces | Metrics | Logs | + | Topology | Behavior | Code | Metadata | Network | + | API | OpenTelemetry | Keptn

600+
Supported technologies

Kubernetes | OpenShift | AWS | Azure | GCP | Tanzu | Enterprise | Hybrid-cloud

Automatic and intelligent observability

Broadest multicloud and technology support

AUTOMATIZÁCIA A AI MENÍ DÁTA NA ODPOVEDE

Alanata

Automatic Data Capture

OneAgent provides automatic, full-stack data capture for dynamic cloud environments

Automatic Distributed Tracing

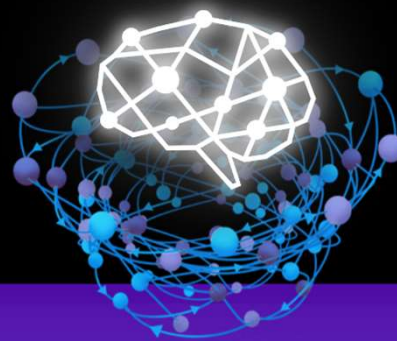
PurePath provides distributed tracing with code-level detail at scale with context

Continuous Dependency Mapping

Smartscape automatically maps dependencies for real-time, precise context

Explainable AI Engine

Davis delivers automatic answers, insights & actions continuously



dynatrace Software Intelligence Platform

OneAgent | PurePath | Smartscape | Davis AI incl. AIOps | Hyperscale



Automatic and intelligent observability

Broadest multicloud and technology support

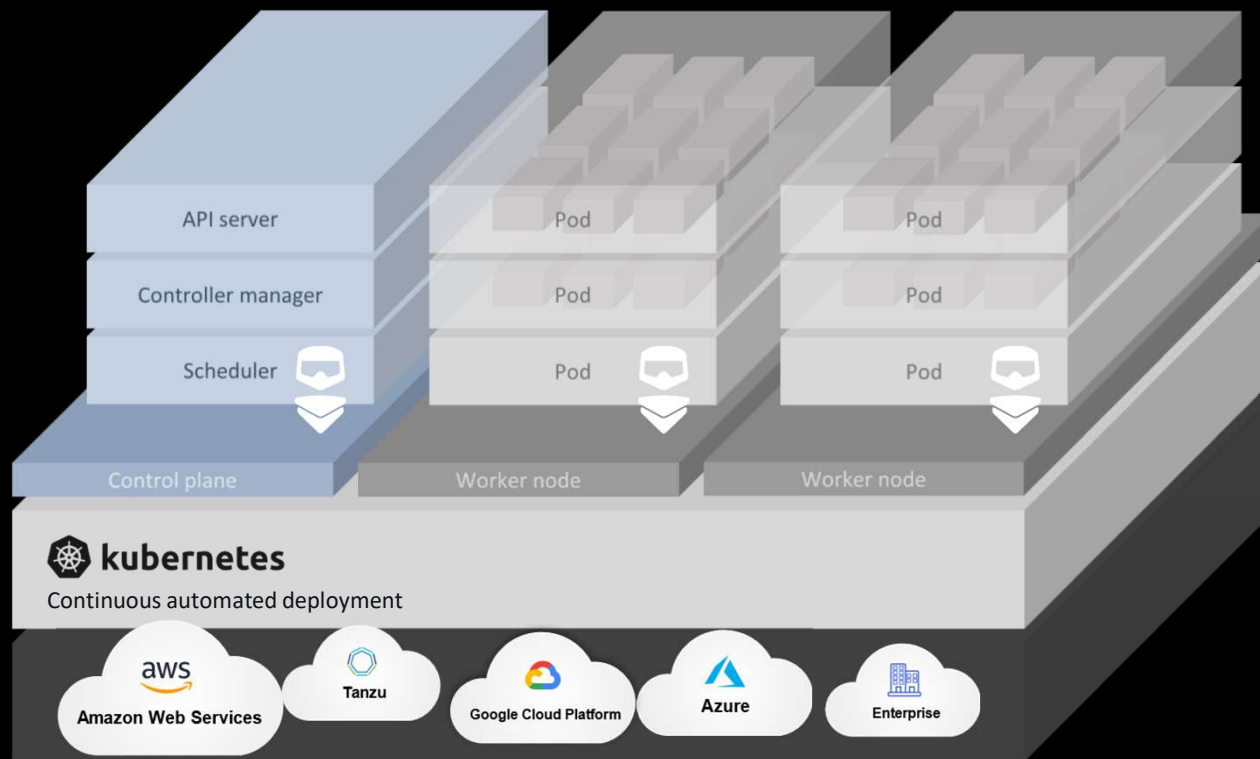
AIOps vlastnosti poskytujú bezkonkurenčnú rýchlosť, efektivitu a jednoduchosť

AKO TO FUNGUJE

Alanata

1. OneAgent

Industry's fastest mean time to observability with zero configuration.
OneAgent continuously auto-adapts to your ever-changing environment.
Say goodbye to changing code, container images, scripts or deployments.

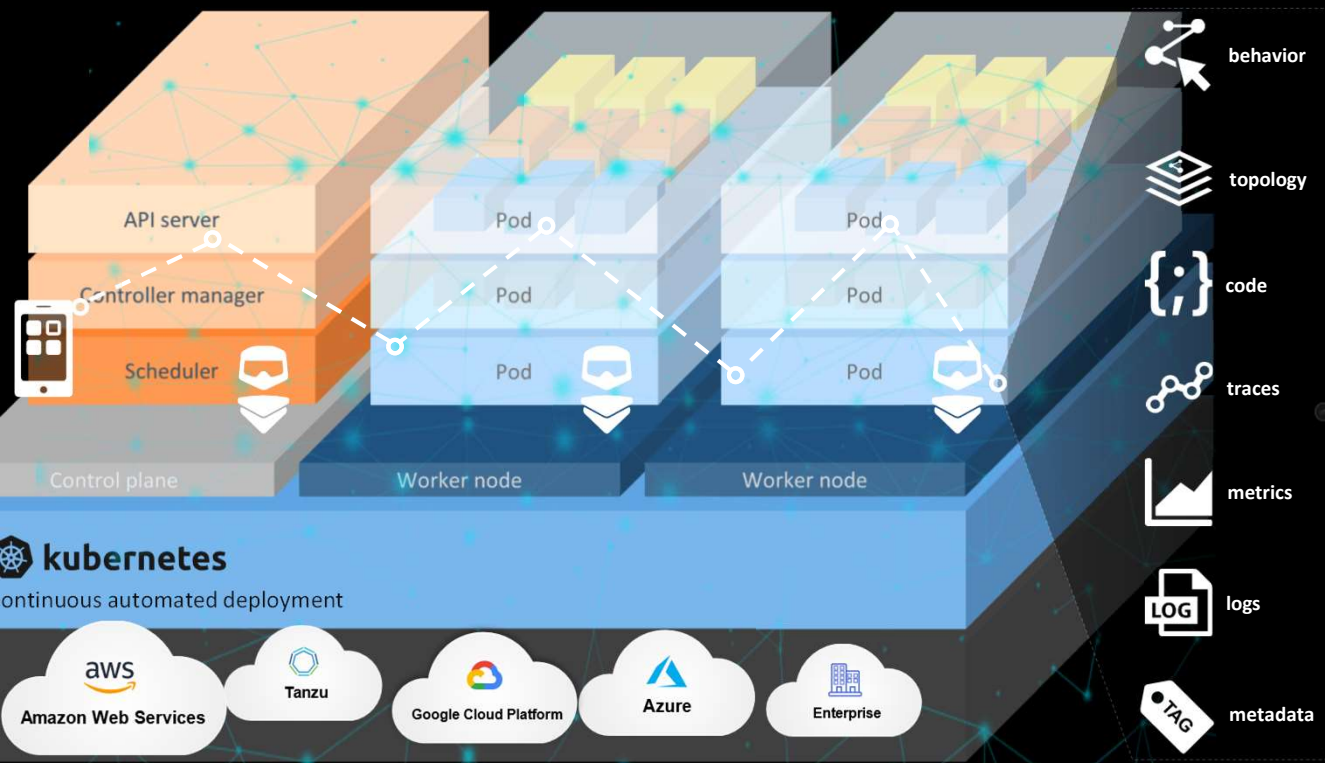


AKO TO FUNGUJE

Alanata

2. PurePath

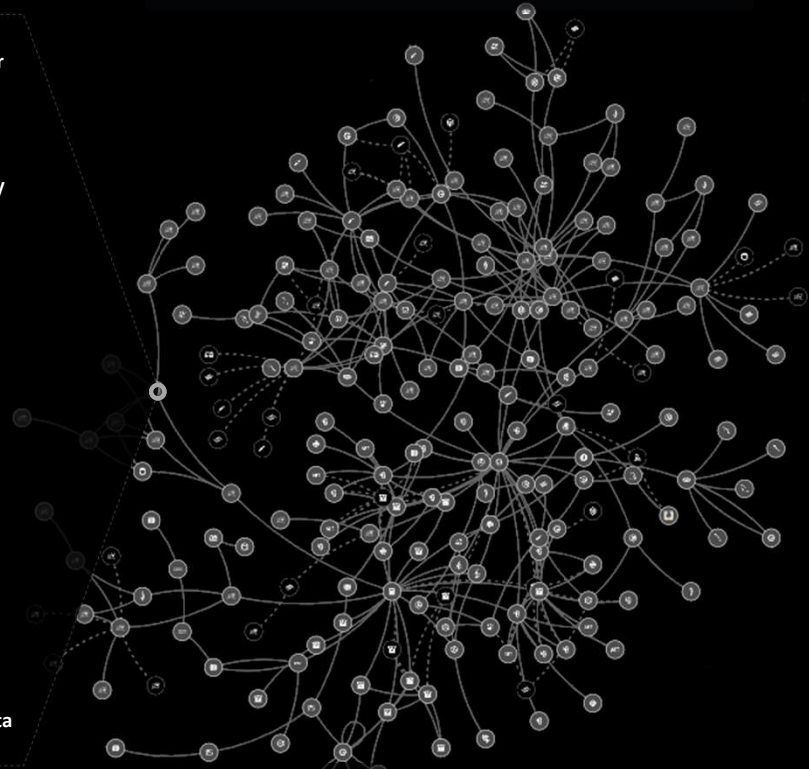
Automatic, end-to-end, deep code-level tracing at scale.



600+ supported technologies

3. SmartScope

Auto-discovered topology and dependency mapping in real-time.

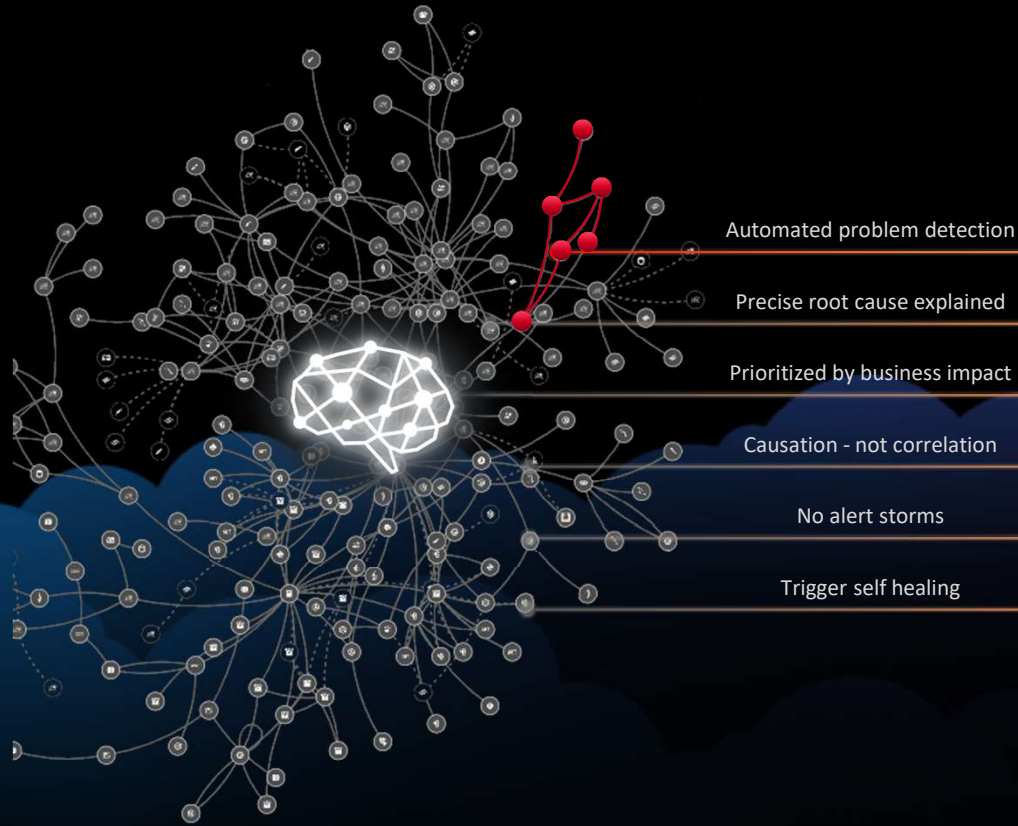


Observability data is automatically mapped into a fully connected, real-time model

AKO TO FUNGUJE

4. Davis AI for AIOps

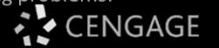
Dynatrace continuously observes, learns and auto-adapts to changes in real-time to detect problems automatically (even the ones you never thought of).



Alanata

“Dynatrace’s AI-driven answers are helping the business to remediate problems quicker, meaning we’re able to spend more time innovating and less time solving problems.”

Anish Patel, Principal Systems Engineer



Problems Problem 694

www.easytravel.com: User action duration degradation
Problem 694 detected at 02:03 - 02:29 (was open for 26 minutes). This problem affects real users.

Affected applications 1 Affected services 10 Affected infrastructure 2

DAVIS™ analyzed 2,942,317,092 dependencies

Business impact analysis
An analysis of all affected service calls and impacted real users during the first 36 minutes of the problem shows the following potential impact.

276 Impacted users (show first 100) 4.33mil Affected service calls

1 impacted application
73.6 User actions per minute impacted

www.easytravel.com
Web application

User action duration degradation
The current response time (4.49 s) exceeds the auto-detected baseline (118 s) by 279 %

Affected user actions	User action	2 User actions
73.6 /min	Geolocation	OS
Browser	All	All

Root cause
Based on time correlation and analysis of all transactions that use these components, this issue has the following root cause

CheckDestination Custom service

Deployment Deployment change Today, 01:57 - 02:03

2 Response time degradations Service CheckDestination slow down Today, 01:58 - 02:18

Events on: Service CheckDestination

Analyze code level, database calls, and outgoing requests. Analyze response time degradation

Metric anomalies detected
Review the metrics which show abnormal or outlying behavior.

Visual resolution path
Click to see how we figured this out.

Comments

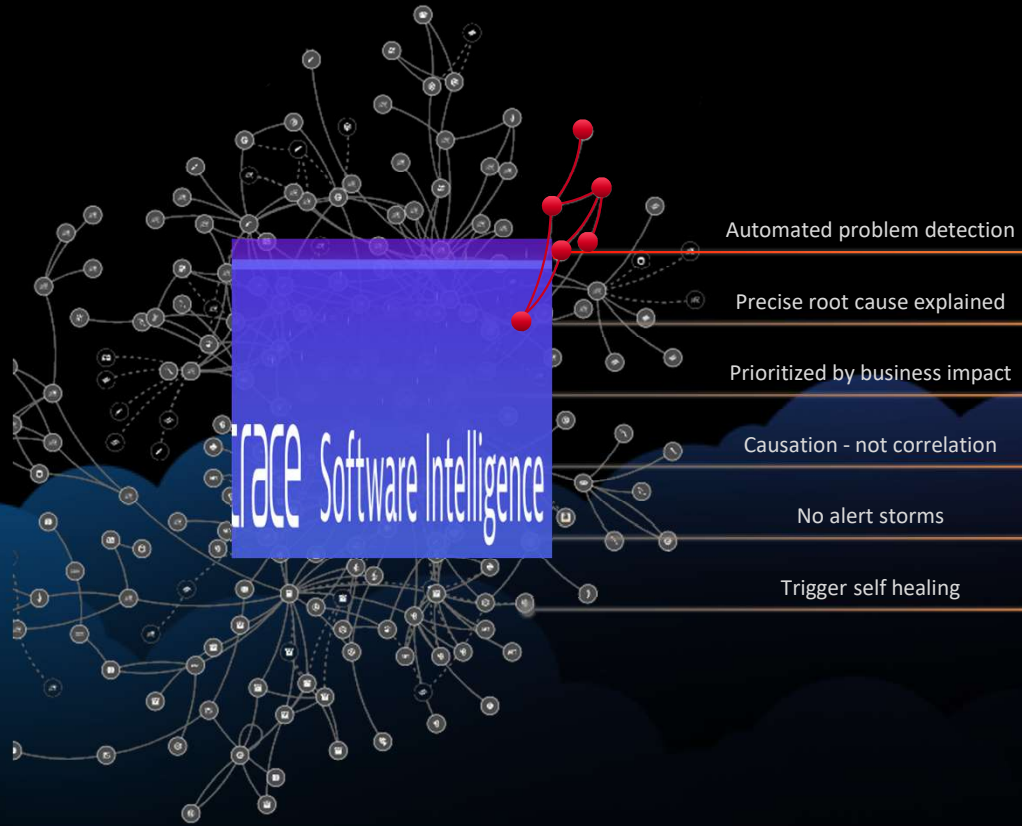
Add comment

No comments posted

AKO TO FUNGUJE

4. Davis AI for AIOps

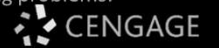
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Problems Problem 694

Search Dynatrace demo...

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Add comment

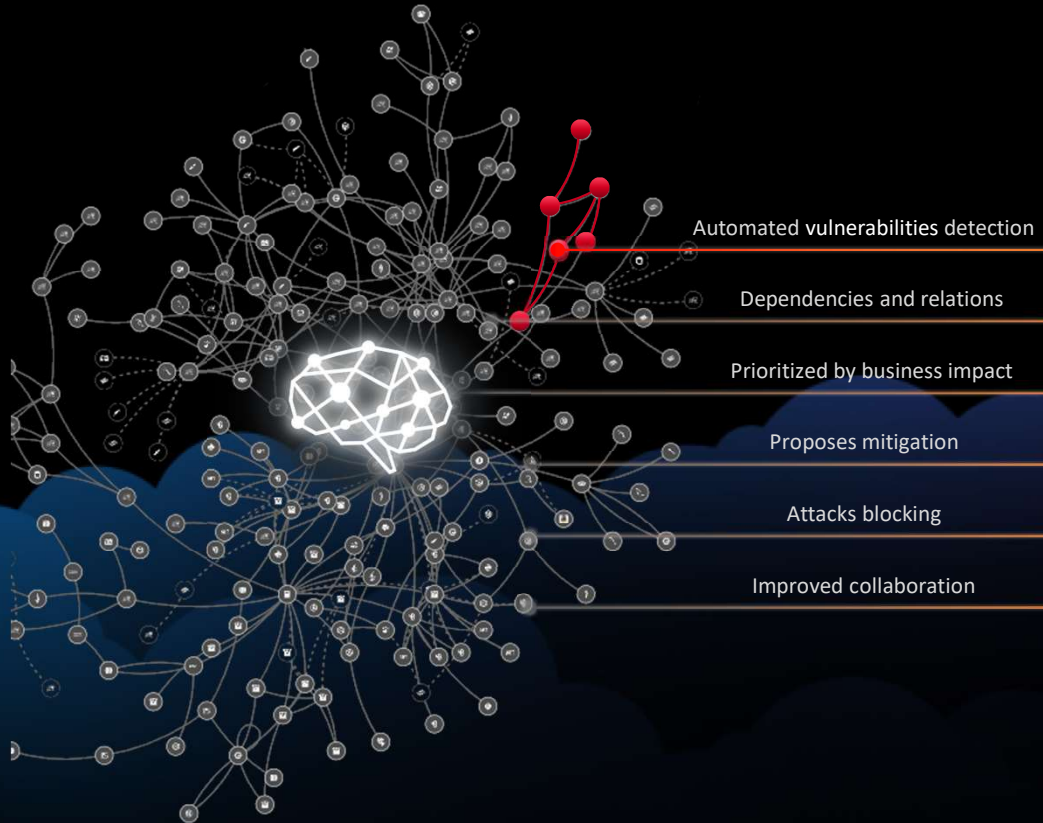
No comments posted

Visual resolution path
Click to see how we figured this out.

AKO TO FUNGUJE

4. Davis AI for AppSec

Davis continuously observes, learns and auto-adapts to changes in real-time to detect vulnerabilities automatically



Alanata

Third-party vulnerabilities 5-606

Remote Code Execution (RCE)

Third-party vulnerability (SNYK-JAVA-ORGAPACHESTRUTS-608097) detected at May 30 05:19

Settings

Public internet exposure
Public network 1

Sensitive data assets
Not detected 0

Vulnerable functions
Not available 0

8.6
High risk

Exploit
Exploit published

Process group
1 affected

Vulnerable components
struts2-core

Context and details

Find out more about this vulnerability, how it can be reached, and what data might be vulnerable because of it.

1 exposed process to the public internet
within 1 process group.

SpringBoot api-gateway-* (api-gateway-7759c5c5df-gv4p2) within 1 process group

[View all exposed process groups](#)

1 affected process
within 1 process group

Description Technology

8.6 High risk problem
Davis Security Score

9.8 Critical risk problem
CVSS as a base

Analyzed with Davis

Public internet exposure

Exposure	Impact on
Public network	No change

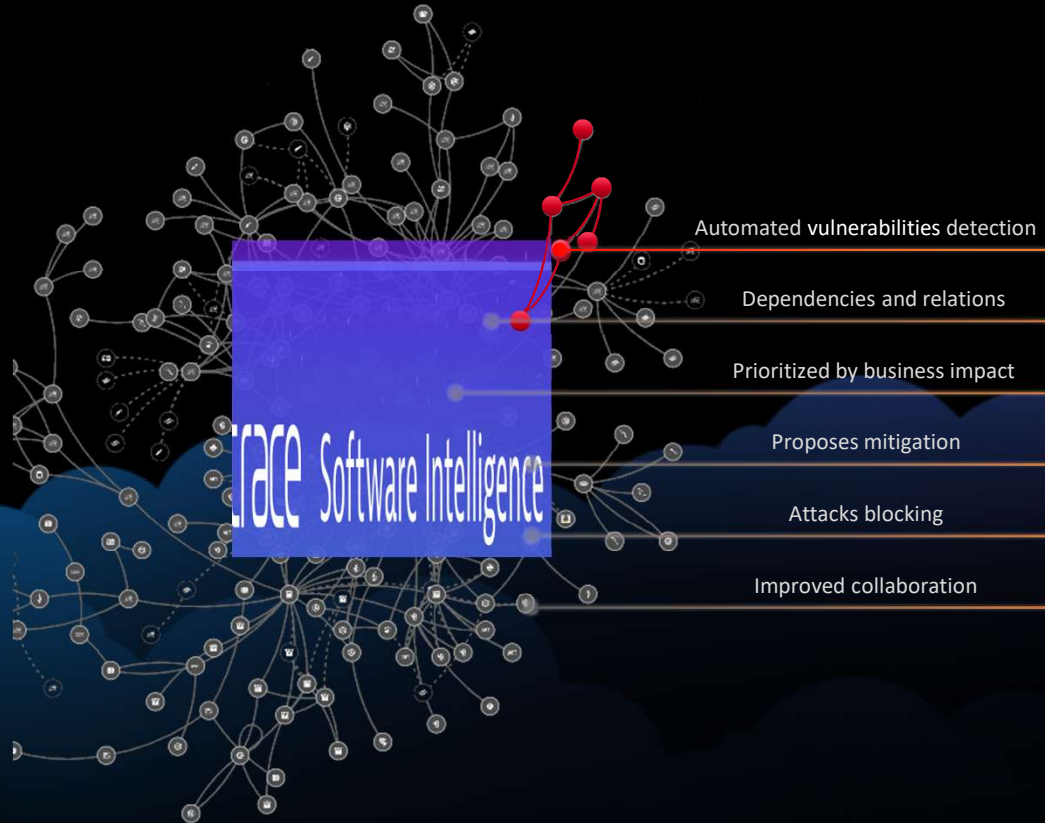
Sensitive data assets

Affected	Impact on
Not within range	Low

AKO TO FUNGUJE

4. Davis AI for AppSec

Davis continuously observes, learns and auto-adapts to changes in real-time to detect vulnerabilities automatically



Alanata

The screenshot displays the Alanata dashboard for a Remote Code Execution (RCE) vulnerability. The main header shows "Third-party vulnerabilities" with a count of 5-606. The vulnerability is identified as "Remote Code Execution (RCE)" with a third-party vulnerability ID (SNYK-JAVA-ORGAPACHESTRUTS-608097) detected on May 30 at 05:19. A "Settings" button is available.

The dashboard provides a risk assessment with a score of 8.6, labeled as "High risk". Key findings include:

- Public internet exposure:** Public network (1 exposed process to the public internet within 1 process group).
- Sensitive data assets:** Not detected.
- Vulnerable functions:** Not available.

The "Context and details" section provides further information, including a link to "View all exposed process groups" and a list of affected processes, such as "SpringBoot api-gateway-* (api-gateway-7759c5c5df-gv4p2) within 1 process group".

On the right side, a summary of risk levels is provided:

- 8.6 High risk problem:** Davis Security Score
- 9.8 Critical risk problem:** CVSS as a base
- Analyzed with Davis:** Public internet exposure (Exposure: Public network, Impact on: No change)
- Sensitive data assets:** Affected: Not within range, Impact on: Low

AKO FUNGUJE DYNATRACE

Alanata



1. OneAgent

Continuous, automatic discovery & observability across your full stack



2. PurePath

Distributed tracing and visibility down to code-level.



3. Smartscape

Automatic, real-time topology mapping with context.



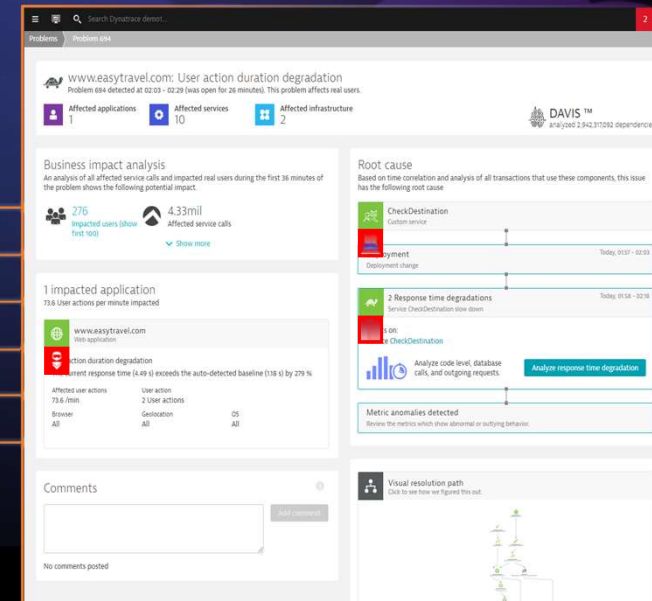
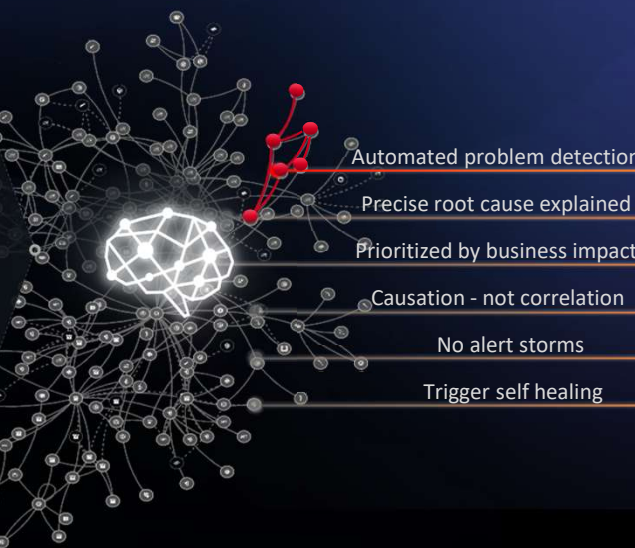
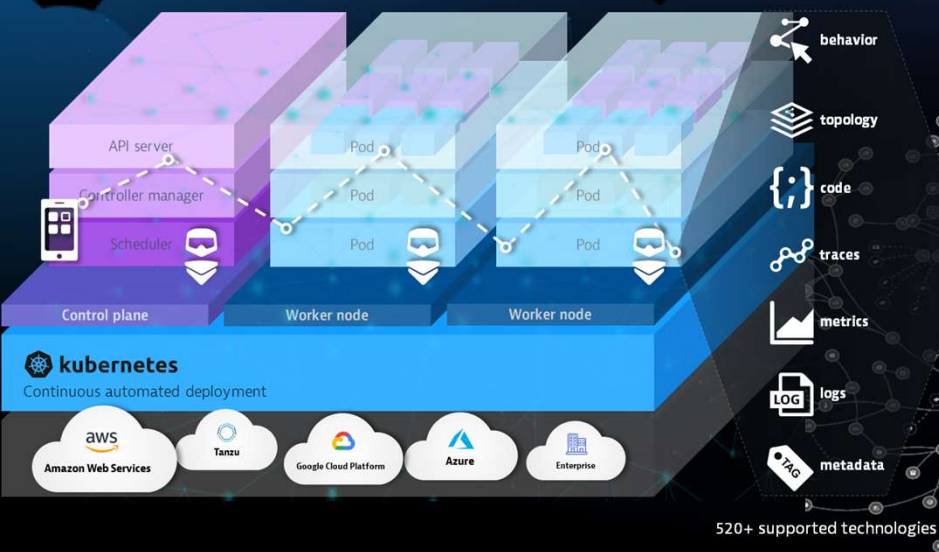
4. Davis AI-Assistant

AIOps with explainable answers that drive self-healing & automation.



5. Hyperscale

Scalable across hundreds of thousands of hosts, millions of entities, on-premise & multi-clouds.



FLEXIBILNÉ MOŽNOSTI NASADENIA

Alanata

Your cloud

Dynatrace Managed (on Premise)

Dynatrace cloud

Your apps, services, and infrastructure in your hybrid cloud

OneAgent automatically and continuously discovers, instruments, and observes

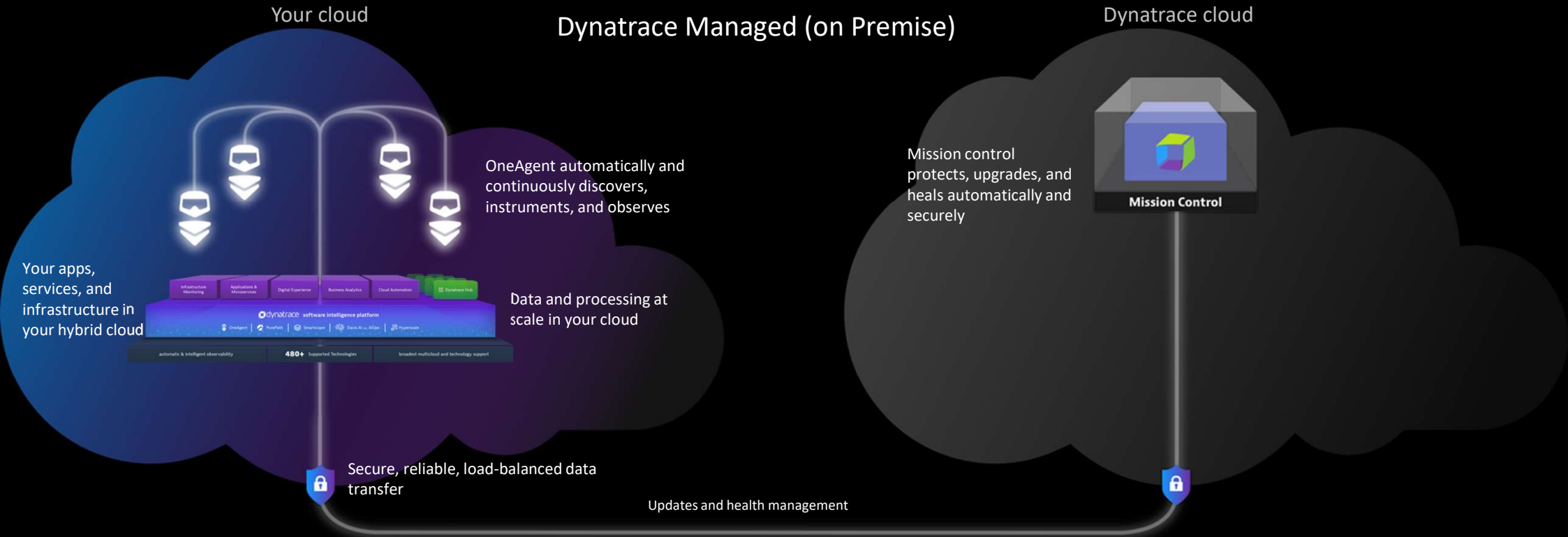
Data and processing at scale in your cloud

Mission control protects, upgrades, and heals automatically and securely

Mission Control

Secure, reliable, load-balanced data transfer

Updates and health management



FLEXIBILNÉ MOŽNOSTI NASADENIA

Alanata

Your cloud

Dynatrace SaaS

Dynatrace cloud

Your apps, services, and infrastructure in your hybrid cloud

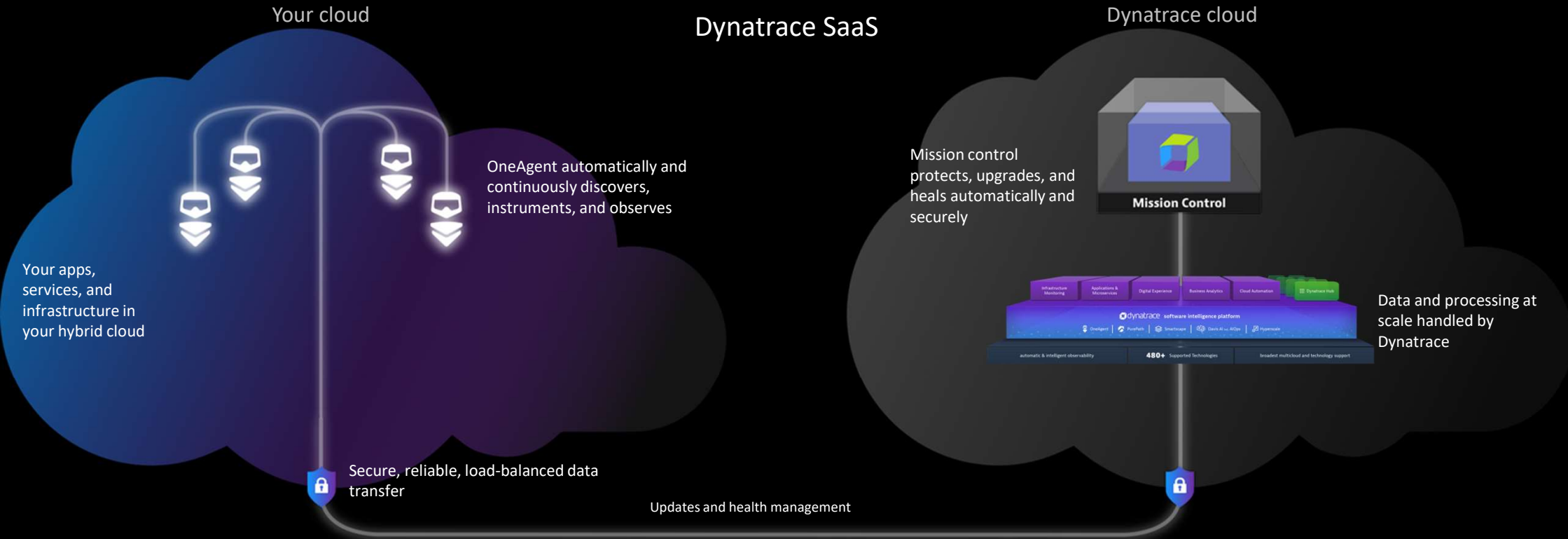
OneAgent automatically and continuously discovers, instruments, and observes

Mission control protects, upgrades, and heals automatically and securely

Data and processing at scale handled by Dynatrace

Secure, reliable, load-balanced data transfer

Updates and health management



DYNATRACE SOFTWARE INTELLIGENCE PLATFORM

Alanata

Continuous automation

- Hybrid cloud observability
- Fault domain isolation
- Serverless, container, pod and network

Intelligent observability

- Hybrid cloud distributed tracing
- Automatic code-level root-cause and profiling
- Front- & back-end availability and performance

AI-assistance

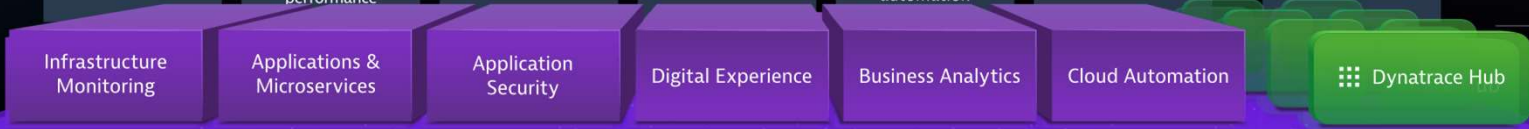
- Run-time vulnerability detection
- Impact analysis
- DevSecOps automation

User experience and business analytics

- Mobile, web browser and API
- Feature adoption analysis
- Visual session replay
- Real-time business insights
- Impact and conversion
- BizDevOps integration and automation

Cross team collaboration

- Closed-loop remediation
- Quality gate, service level and delivery
- DevOps, SRE lifecycle
- Ecosystem integrations
- Custom solutions
- API programmability



dynatrace Software Intelligence Platform

OneAgent® | PurePath® | Smartscape® | Grail™ | Davis® AI

SaaS and Managed

- Traces
- Metrics
- Logs
- +
- Topology
- Behavior
- Code
- Metadata
- Network
- +
- API
- OpenTelemetry
- Keptn

600+
Supported technologies

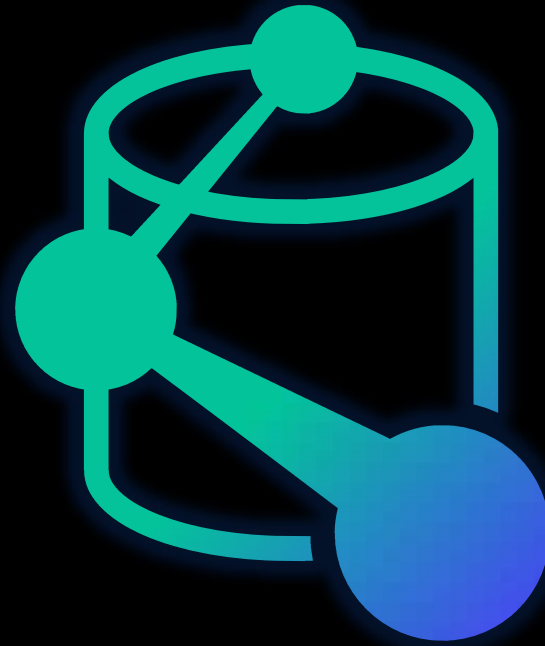
- Kubernetes
- OpenShift
- AWS
- Azure
- GCP
- Tanzu
- Enterprise
- Hybrid-cloud

Automatic and intelligent observability

Broadest multicloud and technology support

GRAIL MENÍ PRAVIDLÁ

Alanata



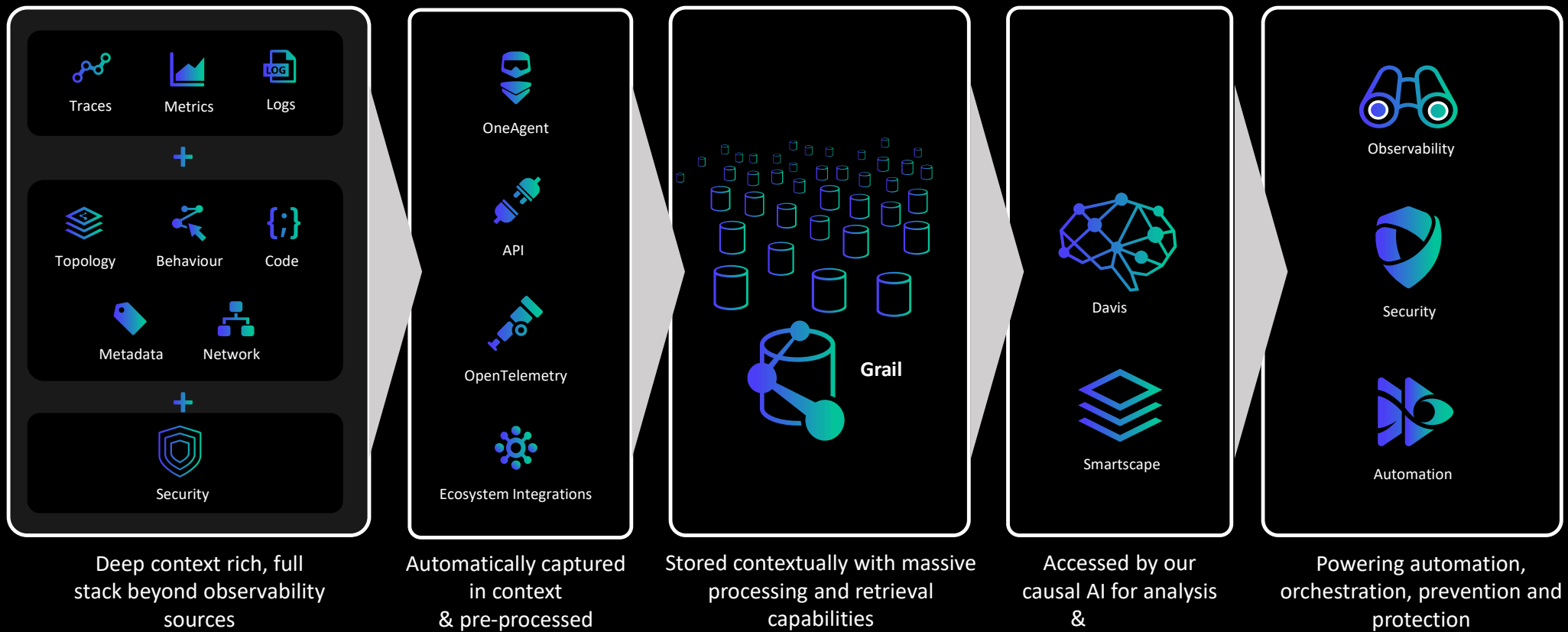
Grail™

Grail is a causal data lakehouse with a massively parallel processing (MPP) analytics engine. It leverages the new Dynatrace Query Language (DQL) for context-rich analytics

ZABUDOVANÝ DO ARCHITEKTÚRY

Alanata

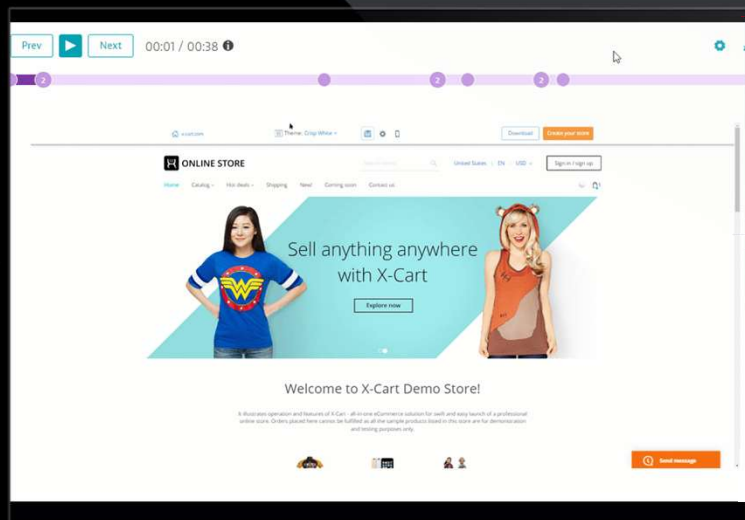
Poskytuje odpovede a inteligentnú automatizáciu nad dátami



DIGITÁLNY BIZNIS

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Je potrebné doplnenie observability aj do biznisových interakcií používateľov. Vedieť ako používajú aplikácie, získať plnenie biznisových cieľov KPI v reálnom čase, zefektívniť kolaboráciu medzi IT a biznisom. Pomôže to dosahovať lepšie výsledky digitálnych služieb poskytovaných cez elektronické kanály a zlepšiť používateľskú skúsenosť zákazníkov.



⚠️ Rage clicks detected

Adobeid: 5398762..

Timefromlastvisit: 11.2

viewname: page.autopay..

producttype: coffemug

Adresstype: residential

pagetype: PDP

cartvalue: \$14.50

loyaltystatus: Gold

pagename: autopay.checkout

🚩 Successful conversion



KOMPLEXNE PREPOJENÉ

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DASHBOARDY - IT PREVÁDZKA

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Search Dynatrace demo2...

Last 72 hours 2

Executive Dashboard

Owned by scott.zillitto@dynatrace.com No tags applied

Overview

Problems **2/181**

Application health **All fine 18**

Synthetic monitors **All fine 11**

Environment

Application health **All fine 18**

Live user activity **797 Live users, 70 Live locations**

New users: Recurring

Top applications by live users:

www.opensta...ytravel.com	299
www.easytravel.com	80
www.vmware.easytravel.com	1

Application Overview

Worldmap (Apdex) **www.angular.easytravel.com**

Web application **www.angular.easytravel.com**

Apdex rating: **0.92 (Good)**

JavaScript errors: **0.3 /min**

Actions / min: **48.5 /min**

Load actions: **3.7 s**

XHR actions: **0.4 s**

Custom actions: **0.02 s**

User breakdown **www.angular.easytravel.com**

- 2.2% Real users
- 7.9% Robots
- 89.9% Monitors

Smartscape **1/378 Services**

Network status **Volume 368 Mbit/s**

Talkers: **48 Hosts**

Synthetic monitor health **All fine 11**

Service health **/356**

Worldmap (Active users) **www.angular.easytravel.com**

Top conversion goals **www.angular.easytravel.com**

Overall conversion rate: **55.1%**

Milestone - Login: **55%**

Credit card validated: **44.2%**

User behavior **www.angular.easytravel.com**

28.0k Active sessions (Sep 07, 11:32 - Today, 11:32)

Actions per session: **7.3**

Session Duration: **35.6 s**

AWS **4 RDS instances, 24 Load balancers, 742 EC2 instances**

Host health

Database health

Worldmap (Bounce rate) **www.angular.easytravel.com**

Bounce rate **www.angular.easytravel.com**

Bounce rate (last 72h): **23.7%**

JavaScript errors **www.angular.easytravel.com**

0.3 /min Javascript errors

DASHBOARDY - BIZNIS

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Dashboards + Dashboard

EasyTrade Overview Dashboard

Saved 20 days ago

Read only

Last 2 hours

Trade Volume

Buy

422

Sell

448

Trade Dollar Volume

Buy (Total)

195.21M

Sell (Total)

36.32M

Buy (Avg)

462.58K

Sell (Avg)

81.07K

Trade Performance

Buy Latency (Avg)

12.29 ms

Sell Latency (Avg)

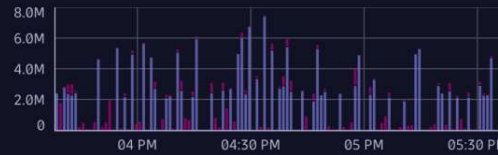
12.83 ms

Trades by TradeType



buy sell

Volume by TradeType (Total)



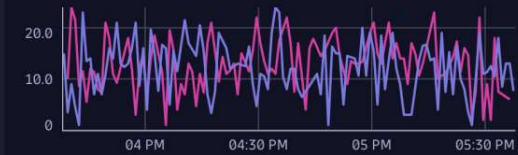
buy sell

Volume by TradeType (Avg)



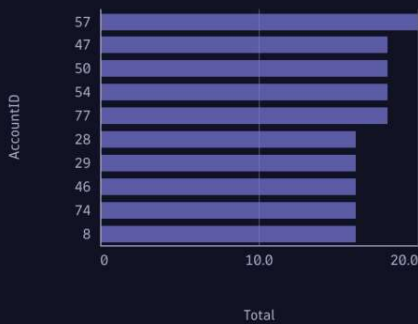
buy sell

Latency (Avg)



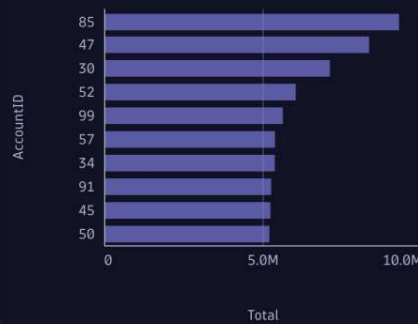
buy sell

Top Trade Volume by Account ID



Total

Top Trade Dollar Volume by Account ID



Total

Top increase in value by Account ID

Account ID	BalanceChange
54	14,259
96	13,274
37	12,268
71	11,556
57	11,054

Time from deposit to first Sell

Account ID	Seconds
16	3,437
11	1,411
21	606
10	372
19	112

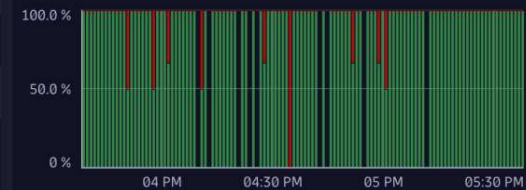
Buy SLA status

95.73% Met ✓

Sell SLA status

97.32% Met ✓

Buy SLA status



Sell SLA status

Most recent trades

DASHBOARDY - BIZNIS

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Dashboards + Dashboard

Bobbleheads Dashboard Saved 7 days ago Read only

Last 2 hours

Orders and Reviews

Order Processing and Warehouse Health

Orders Processed

3563 ✓

Orders Sales

\$35452.0 ✓

Net Promoter Score (NPS)

78.0 ✓

Order to Warehouse

5.76 hrs ✗

Warehouse to Shipment

29.36 hrs ✗

Shipped to Delivered

22.94 hrs ✓

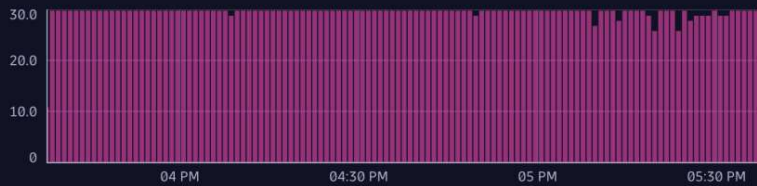
Order to Delivery

58.04 hrs ✗

Warehouse Failure Rate

12.56 % ✗

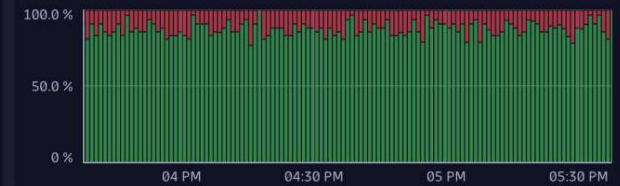
Orders Processed



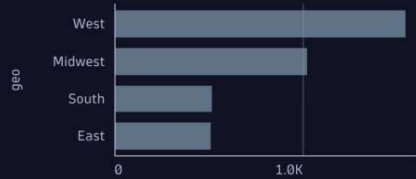
Order to Delivery (hrs)



Warehouse Failure Rate



Orders by Geo



Top Bobbleheads

Bobblehead	Total
Richard L. Lambert	48
Francisco Merino Menares	47
Arun Gopal	44
Susan R. StClair	44
David Rupert	43
Troy S. Igney	43
Andrew Chasin	42

Warehouse Status

Warehouse	SLO	Penalty	Orders	TIWD	ErrorRate
Boston	✓	\$0	501	24 hrs	0.0%
California	✓	\$0	521	24 hrs	0.0%
Florida	✓	\$0	508	24 hrs	0.0%
Michigan	✓	\$0	499	24 hrs	0.0%
Minnesota	✓	\$0	520	24 hrs	0.0%
Nevada	✗	\$187750	510	61 hrs	50.0%
Oregon	✓	\$0	499	24 hrs	0.0%

Warehouse Service Status

Warehouse	ServiceName	Used
Boston	lightningDistribution	✓
California	lightningDistribution	✓
Florida	lightningDistribution	✓
Michigan	lightningDistribution	✓
Minnesota	lightningDistribution	✓
Nevada	lightningDistribution	✓
Nevada	oldfaithfulDistribution	⚠
Oregon	lightningDistribution	✓

Customer Reviews Summary



DASHBOARDS

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Quick overview

Problems

1 / 313

Hosts

1 / 31

Web checks

All fine 12

Applications

All fine 21

Services

All fine 115

Databases

All fine 10

Smartscape

Cloud & infrastructure

AWS account
demo environment

1	1	12
RDS instances	Load balancers	EC2 instances

VMware vCenter
emea-gdn-vc002

	Last Mon	Today	2
Migrations	2	2 -	
Guests	11	11 -	ESXi hosts

Database
easyTravelBusiness (Derby Client)

112 /min	845 /min	1 ms
Transactions	Statements	Response time

Docker

3 Docker hosts

Application health

Action duration
www.easytravel.com

Services

104	1	6
Web	Messaging	RMI/Custom

18. Jul 20. Jul 22. Jul 24. Jul

User experience

Apdex
www.easytravel.com

Most used 3rd party providers
www.easytravel.com

SLO / SERVICE LEVEL OBJECTIVES

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SLOs





Review the status and error budget of each defined service-level objective or add a new custom SLO. For details, see [Service-level objectives](#) or have a look at the SLOs [demo mode](#) preview.

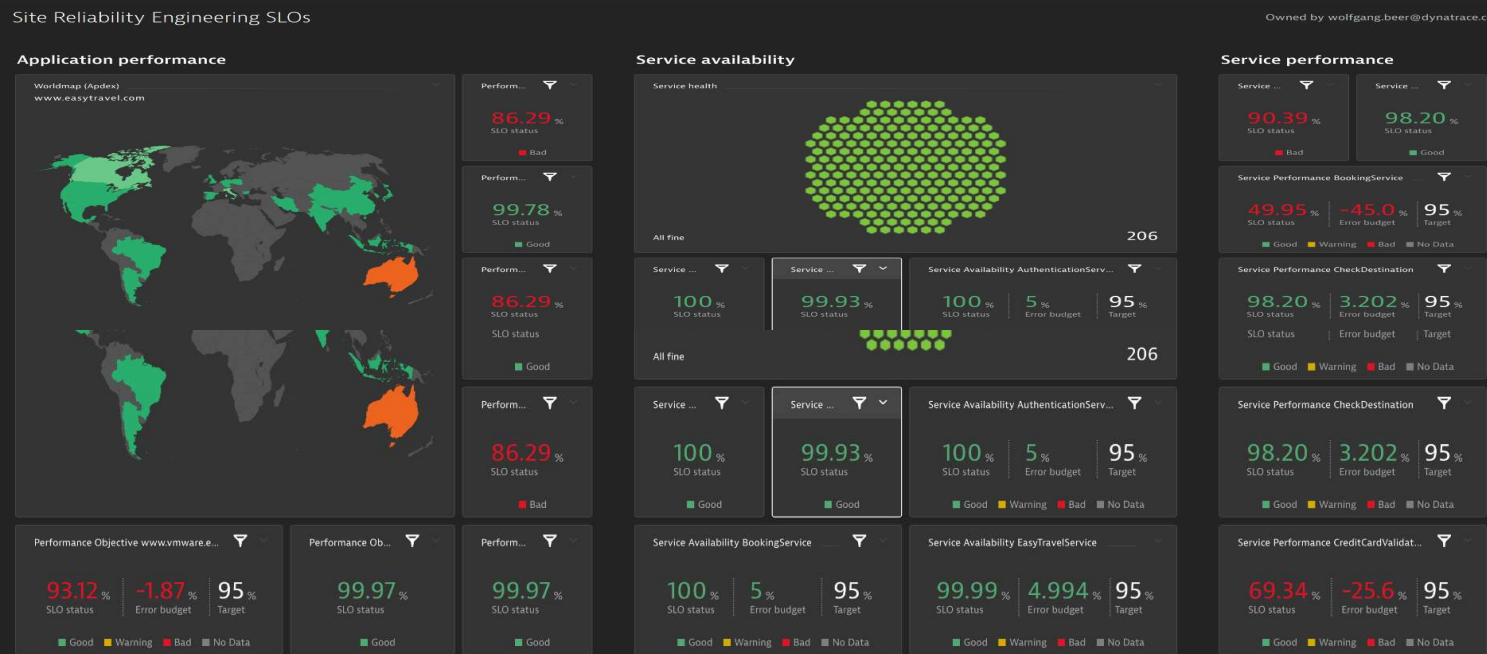
Definovanie a vyhodnocovanie SLO nad meranými dátami

Filter by

26 SLOs

Show results for SLO timeframe

Name	Status	Error budget	Target	Warning	Timeframe	Actions
Service Performance CreditCardValidation Service Slo_fastcreditcardrequests / Service RequestCount Server	69.315 %	-25.685 %	95 %	97.5 %	-1d	   
Service Performance JourneyService Service Slo_fastjourneyrequests / Service RequestCount Server	90.389 %					
Synthetic SLO angular easytravel booking Synthetic Browser Availability Location TotalWoMaintenanceWindow > 95.0%	93.391 %					
Synthetic SLO angular easytravel booking TWMW Synthetic Browser Availability Location Total > 95.0%	93.391 %					
Synthetic SLO for www.angular.easytravel.com TWMW Synthetic Browser Availability Location TotalWoMaintenanceWindow > 95.0%	100 %					
Synthetic SLO www.angular.easytravel.com Synthetic Browser Availability Location Total > 99.98%	100 %					



INTEGROVATEĽNOSŤ

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Efektívnejšie využitie

OnPremise & Cloud



DevOps



Business automation



Integrácia na ITSM

Autonomous Operations



Konsolidácia monitoringu

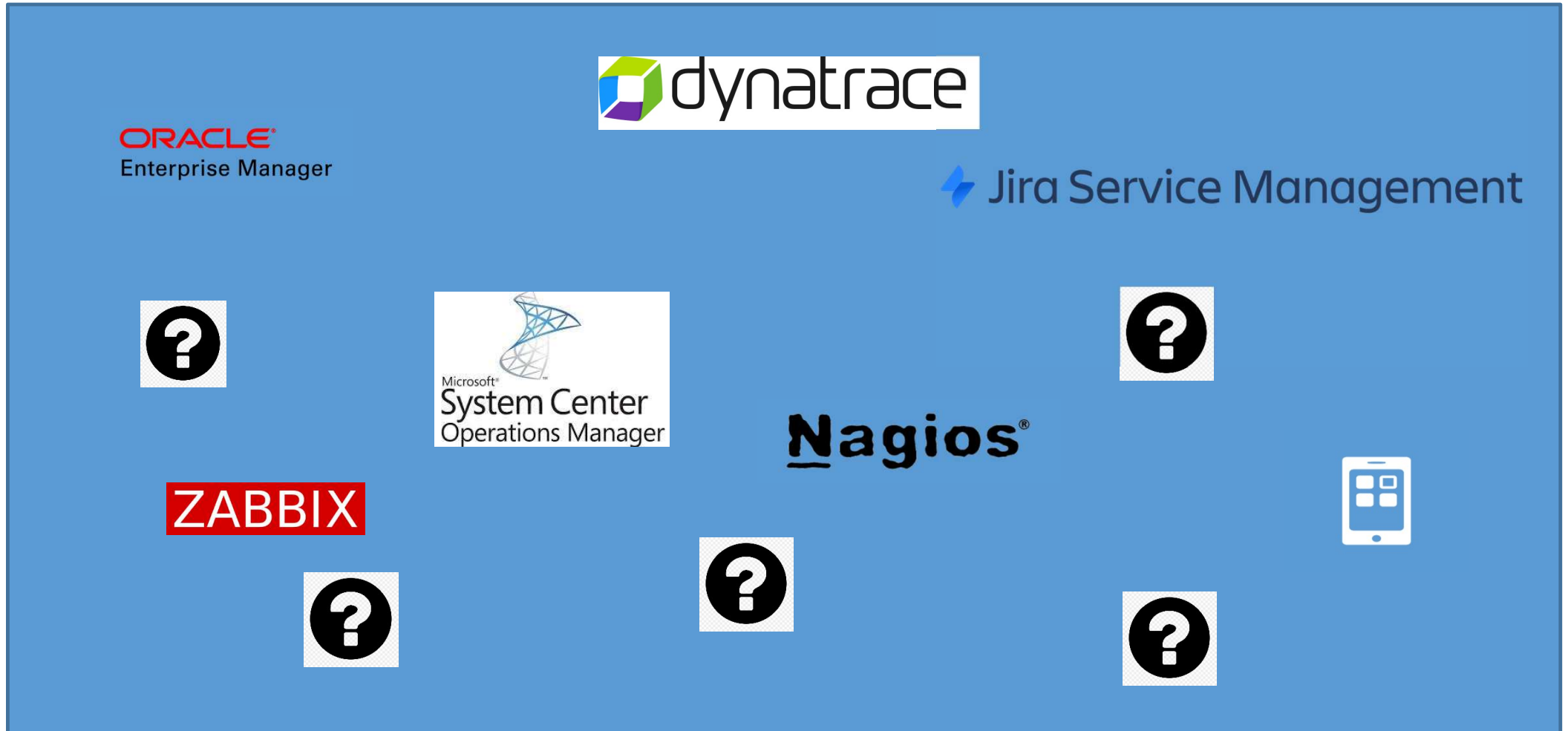


Open Ingest



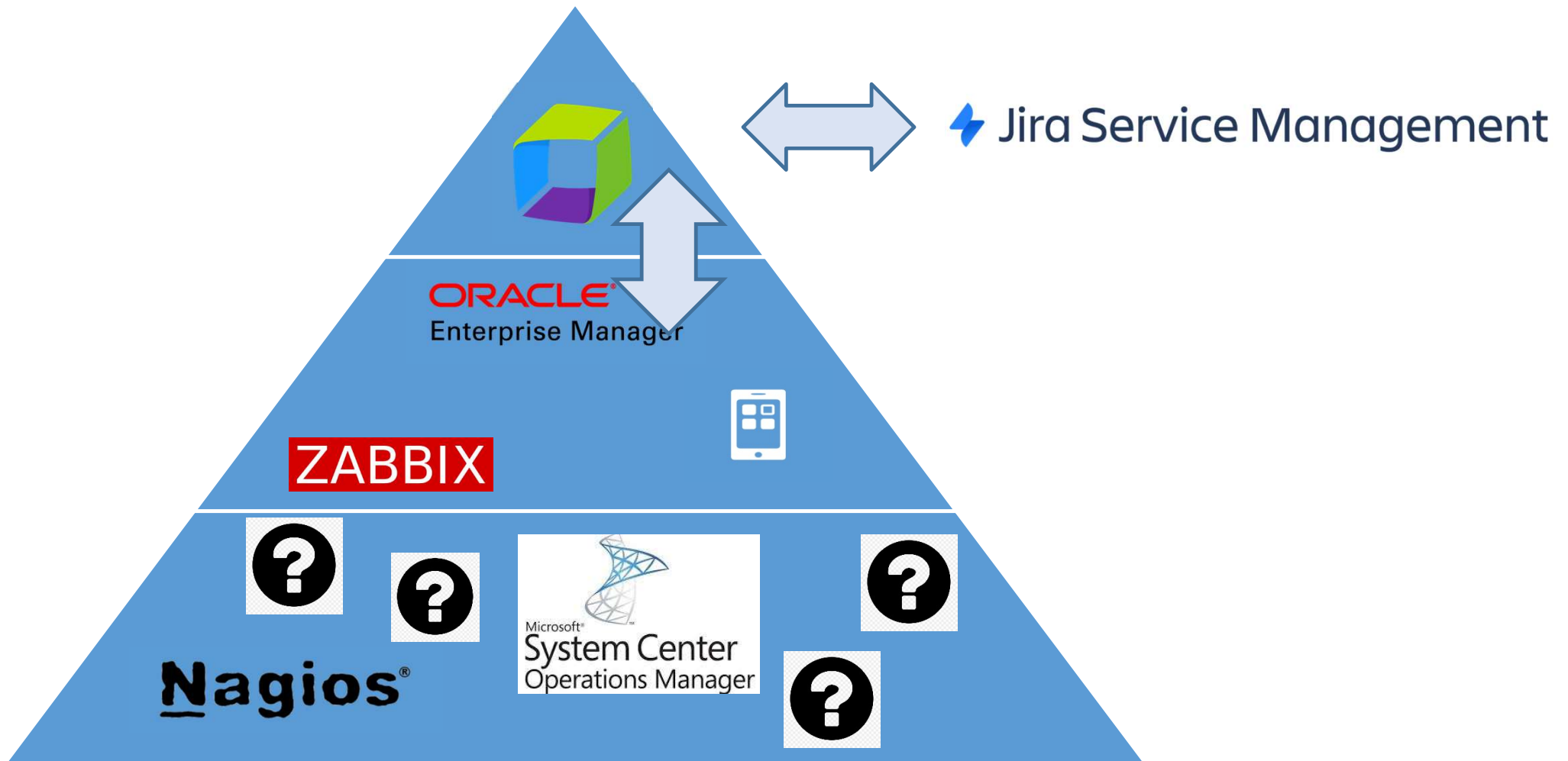
PRÍSTUP KU KONSOLIDÁCIÍ MONITORINGU

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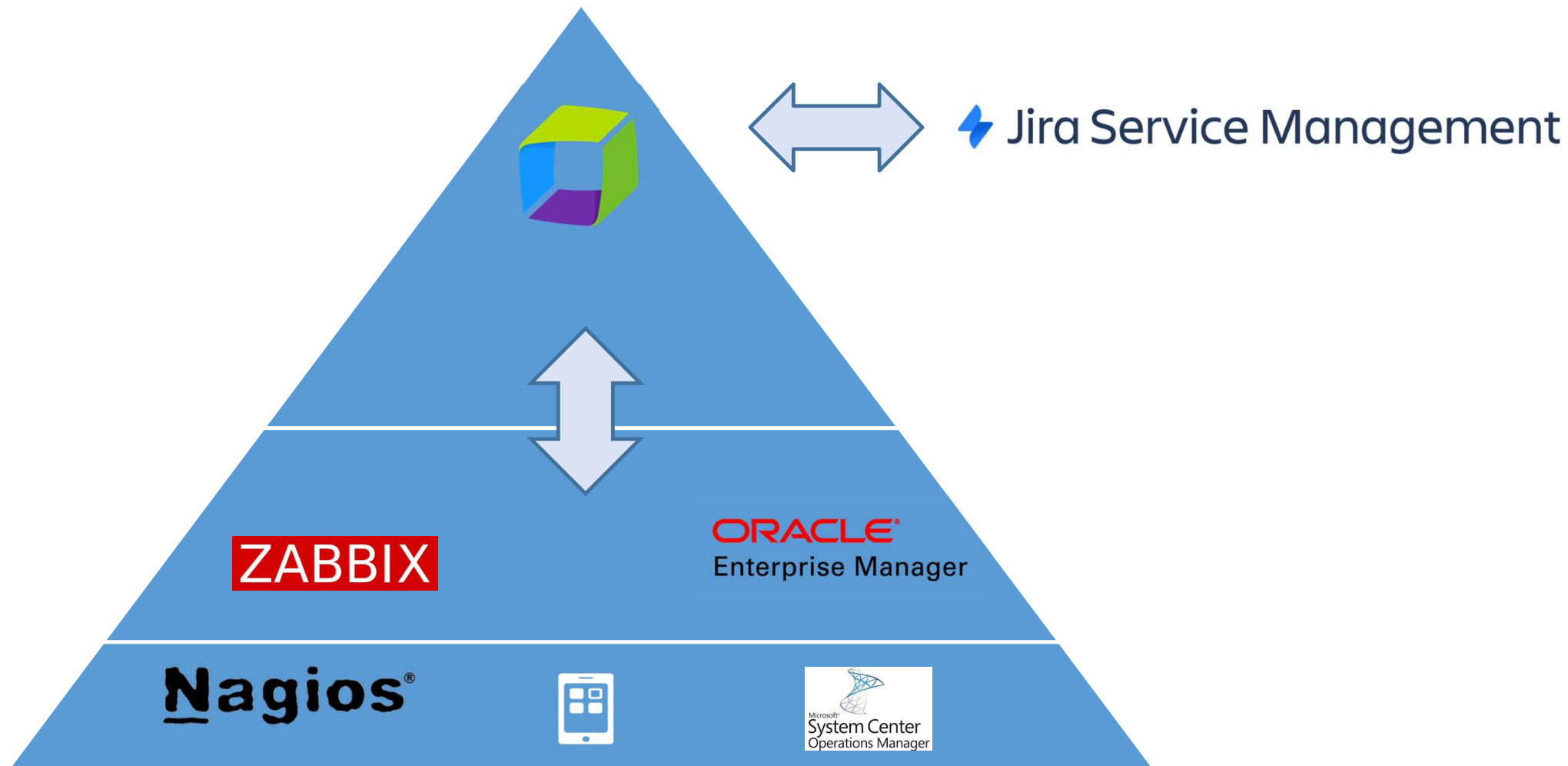
PRÍSTUP KU KONSOLIDÁCIÍ MONITORINGU

Alanata



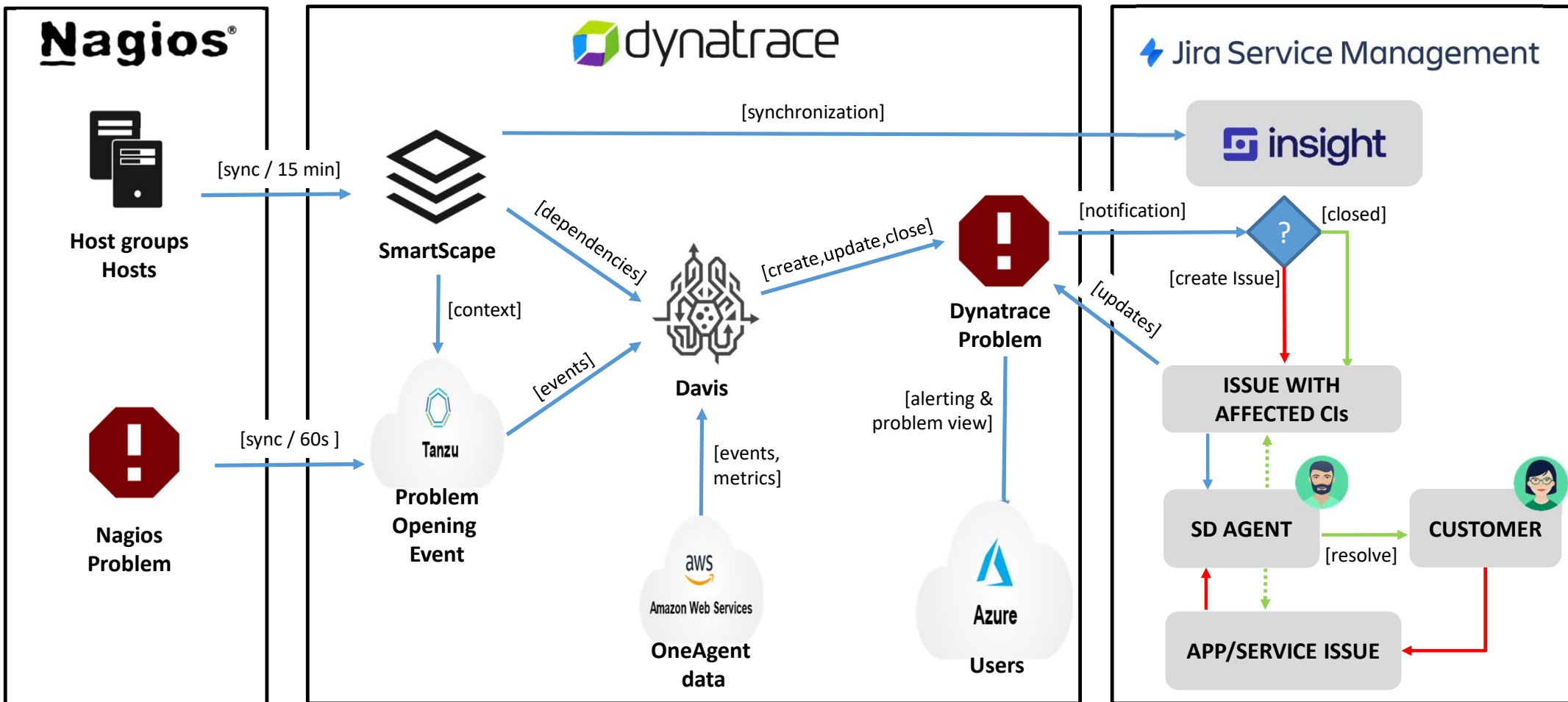
PRÍSTUP KU KONSOLIDÁCIÍ MONITORINGU

Alanata



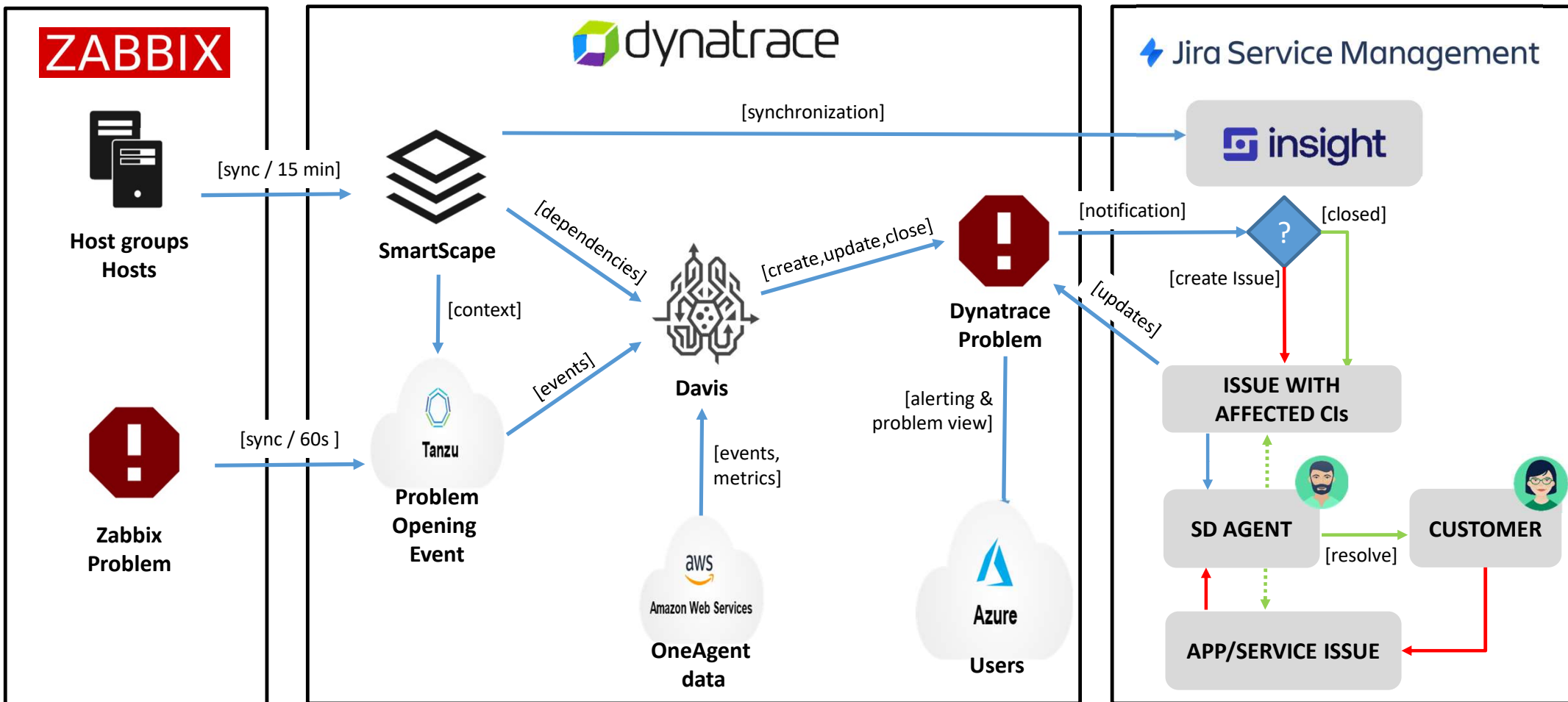
END TO END INTEGRÁCIA

Alanata



END TO END INTEGRÁCIA

Alanata



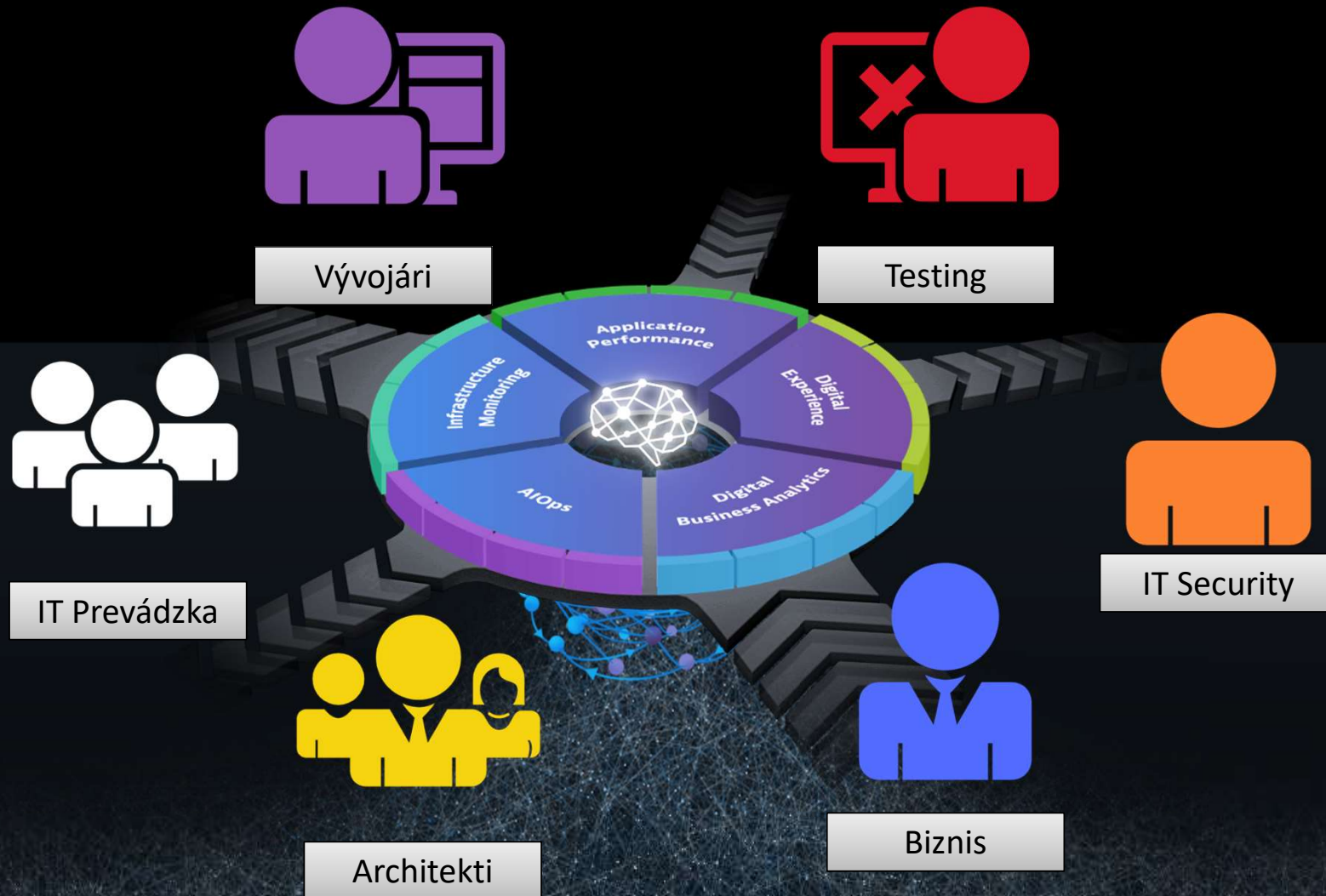
VYBRANÍ ZÁKAZNÍCI - EXTENSIONS

Alanata



PRE KOHO JE DYNATRACE?

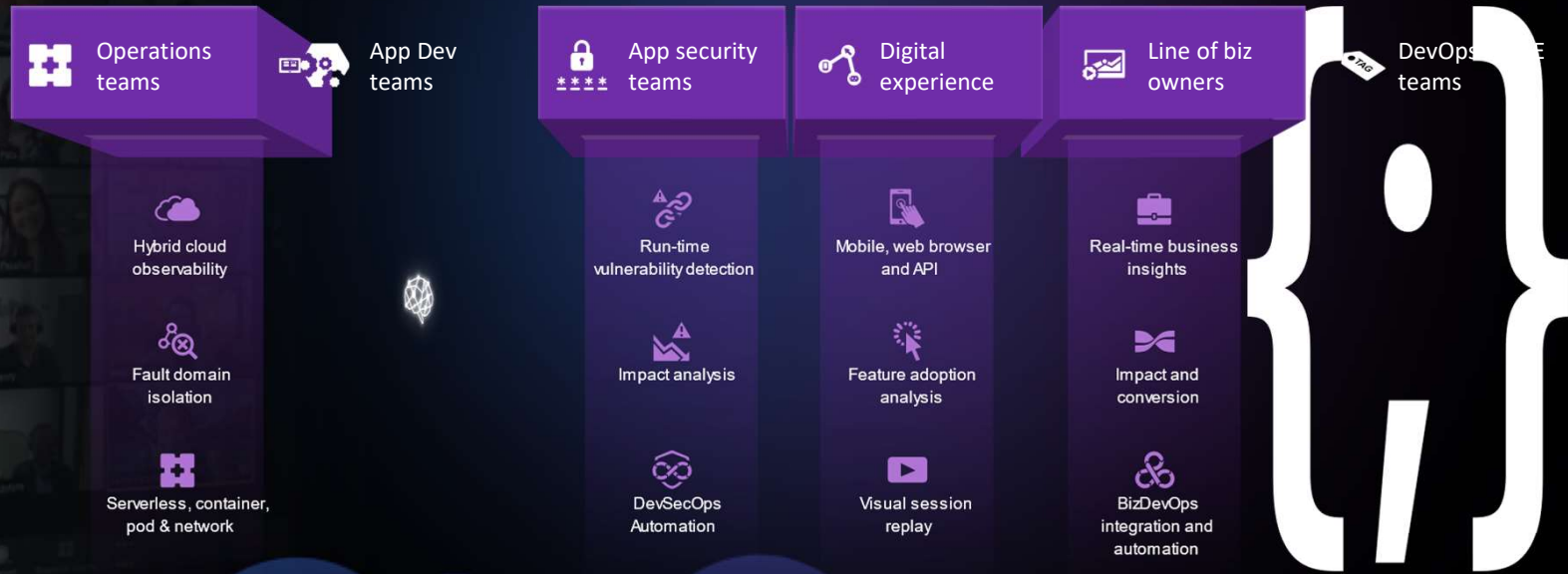
Alanata



EMPOWER YOUR ORGANIZATION

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Digital transformation is a team sport. Spark collaboration between biz, dev, and ops with the broadest set of purpose-built use cases all in one place.



“I used to open up my email first thing in the morning, now I open up Dynatrace... along with 400 others at Dish daily.”

Eric Harris, Director, Enterprise Systems

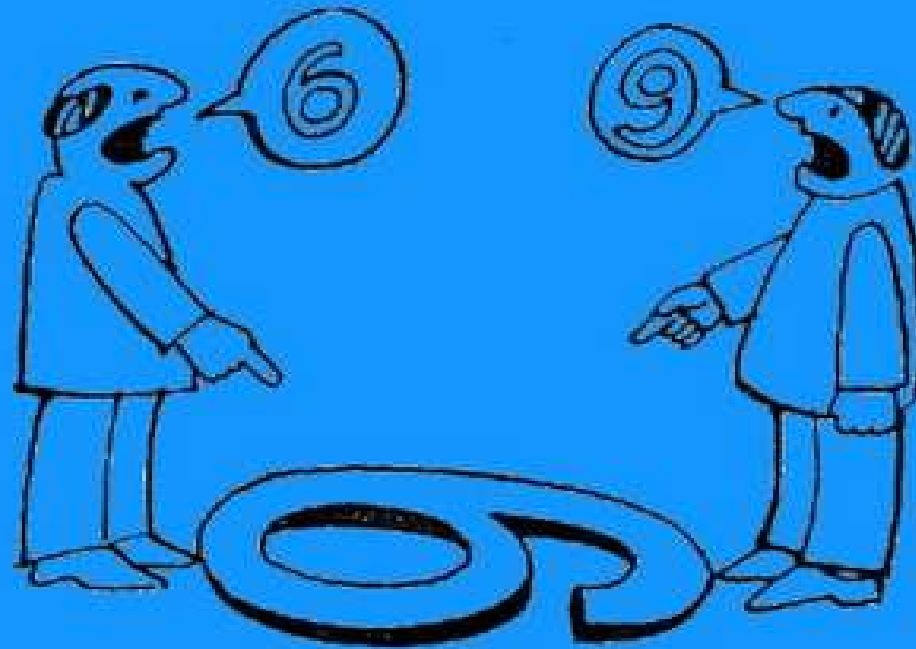


ROZDIELNA REČ? UHOL POHĽADU!

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The reason why:

Different Perspective from Biz and DevOps



TEAMWORK?

Alanata

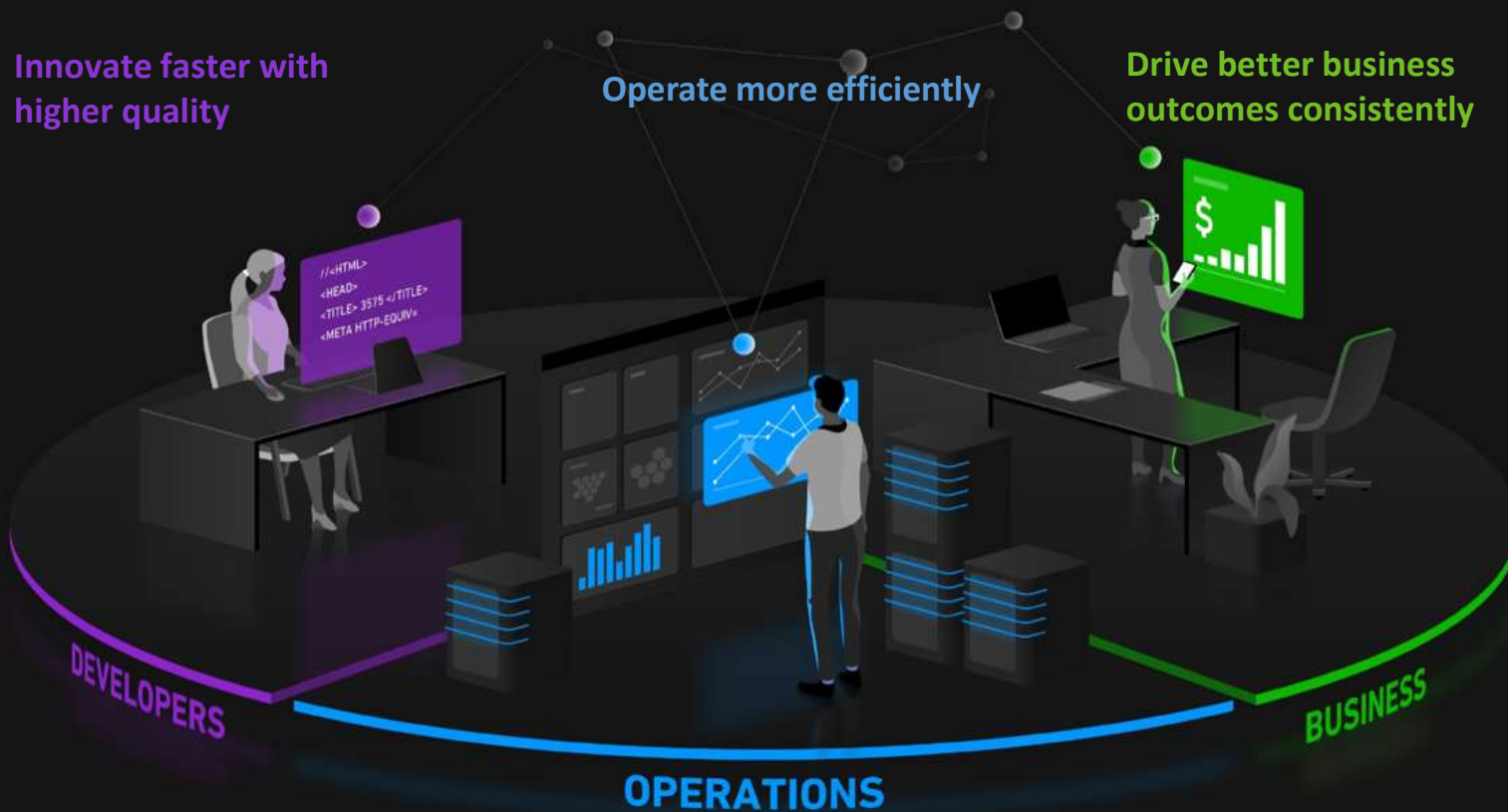
Skvelé, že tá diera nie je
v našej časti člna !



KOOPERÁCIA TÍMOV - BIZDEVOPS

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Spoločný pohľad, jeden zdroj pravdy o aplikáciách

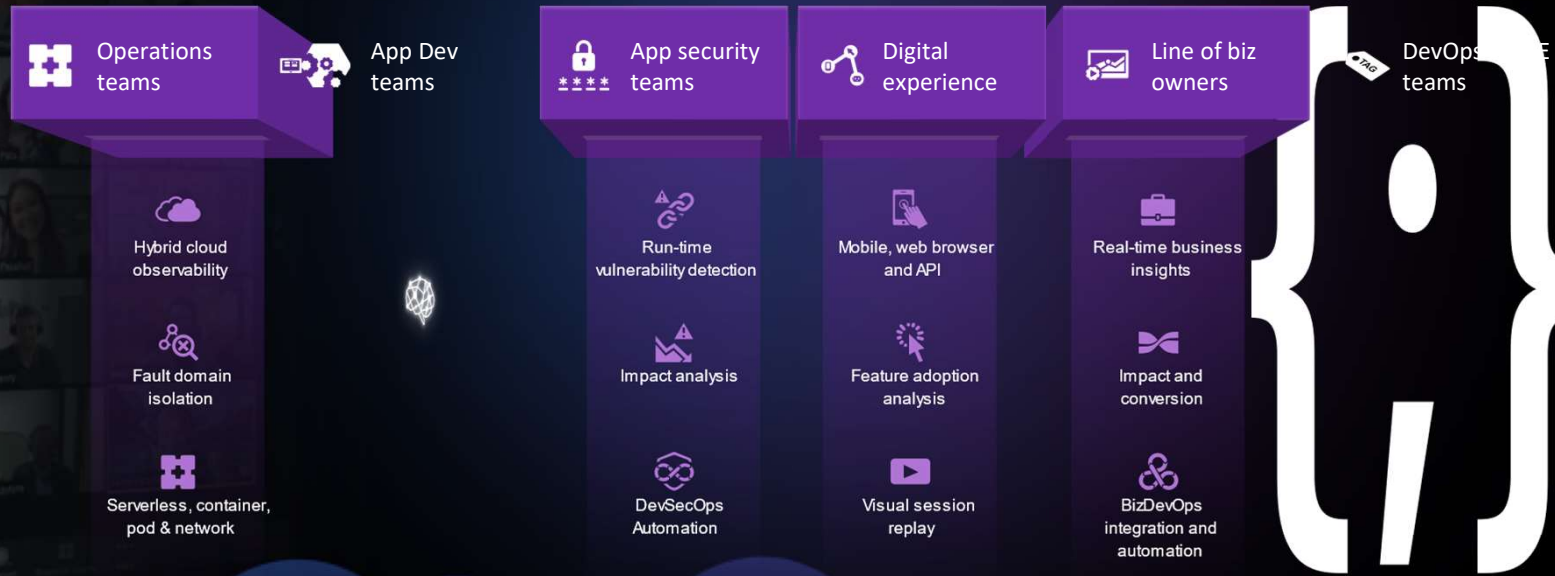


- Spätná väzba biznisu na nové release v reálnom čase
- IT priority zladené s biznisovými KPI
- Prepojenie biznis funkčnosti a aplikačnej výkonnosti pre biznis vlastníkov

POSILNITE VAŠU ORGANIZÁCIU

Alanata

Digitálna transformácia je kolektívny šport. Zlepšite kolaboráciu medzi biz, dev, ops a sec tímami, keďže môžu adresovať najrôznejšie požiadavky a use cases efektívne, na jednom mieste, v jednom nástroji



“I used to open up my email first thing in the morning, now I open up Dynatrace... along with 400 others at Dish daily.”

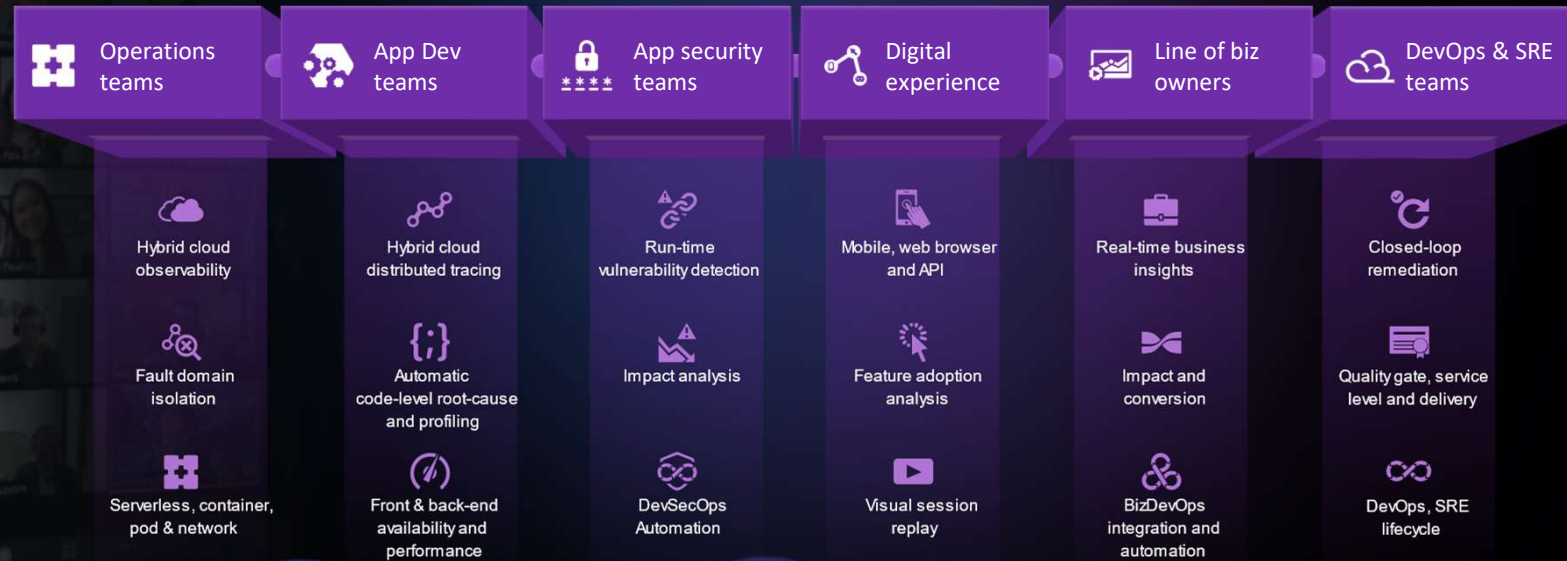
Eric Harris, Director, Enterprise Systems



POSILNITE VAŠU ORGANIZÁCIU

Alanata

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“I used to open up my email first thing in the morning, now I open up Dynatrace... along with 400 others at Dish daily.”

Eric Harris, Director, Enterprise Systems



Otázky?

Alanata

The background features a gradient from orange to blue. Overlaid on this are various semi-transparent icons representing technology and business: a laptop, a server rack, a smartphone, a cloud, a shield with a target, a database cylinder, a document, and several circular icons containing symbols like a leaf and a gear. The word 'Alanata' is prominently displayed in the center in a white, stylized font.

Technology Meets Business