Case Study: Transforming for Performance, Cost, and Innovation

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January 14th, 2026

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Core Insurance at Scale

centris

26 major clients

8000 daily Enterprise users

CHF 103M revenue

343 employees

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OpenShift Workloads at Centris

Frontend Services

Broker Portal

API-Gateway

CI/CD Pipeline

Data Platform

PostgreSQL

MongoDB

ElasticSearch

Swiss Health Information Processing (SHIP)

Output Management System (OMS)

Einheitliches Lohnmeldeverfahren (ELM)

eDossier Solution

Kolumbus SwissDRG

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The Efficiency Trap (The Challenge)

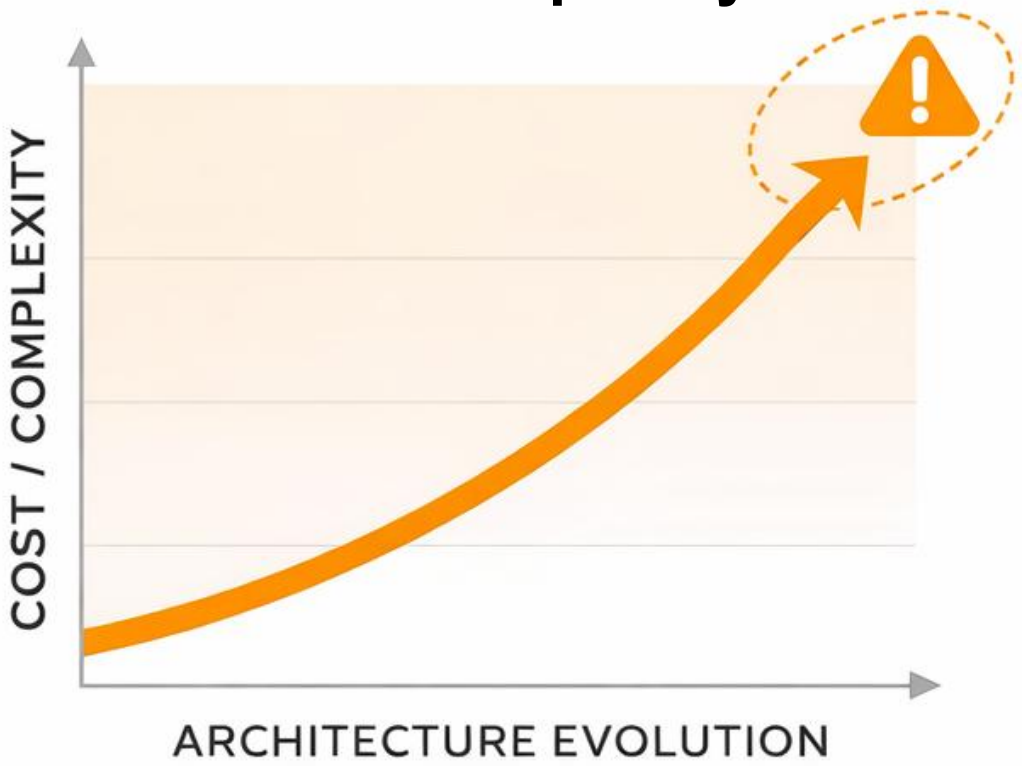
Pain Points

Bottlenecks
Performance, flexibility and segmentation

License Bloat
Paying for "Virtual Cores" + Hypervisor fees = unsustainable TCO

Version Lock-in:
High manual effort to manage multiple versions for different customers.

Cost / Complexity



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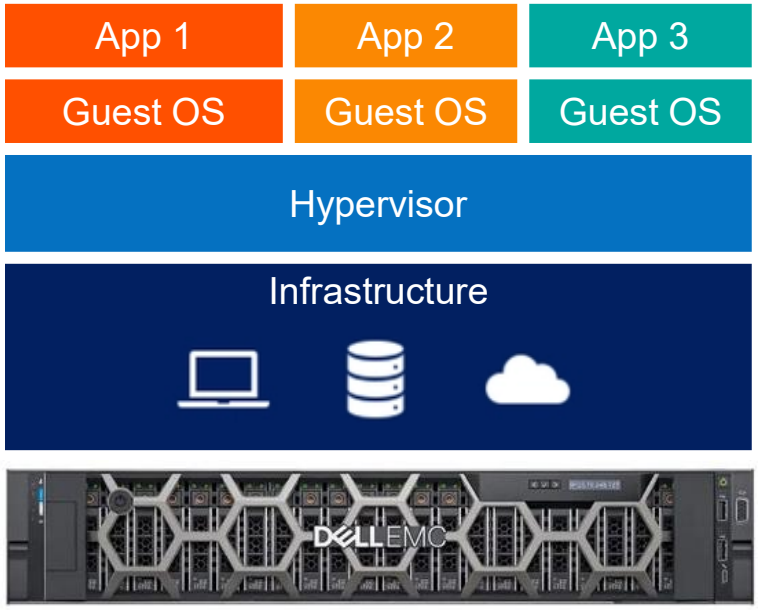
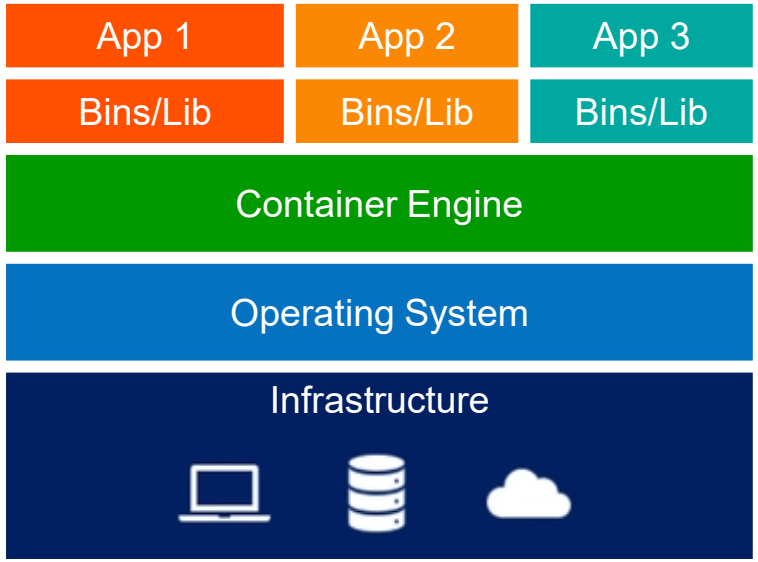
The Architecture Shift: Bare-Metal & AMD

Transition from current to container-optimized OpenShift

Today



Future



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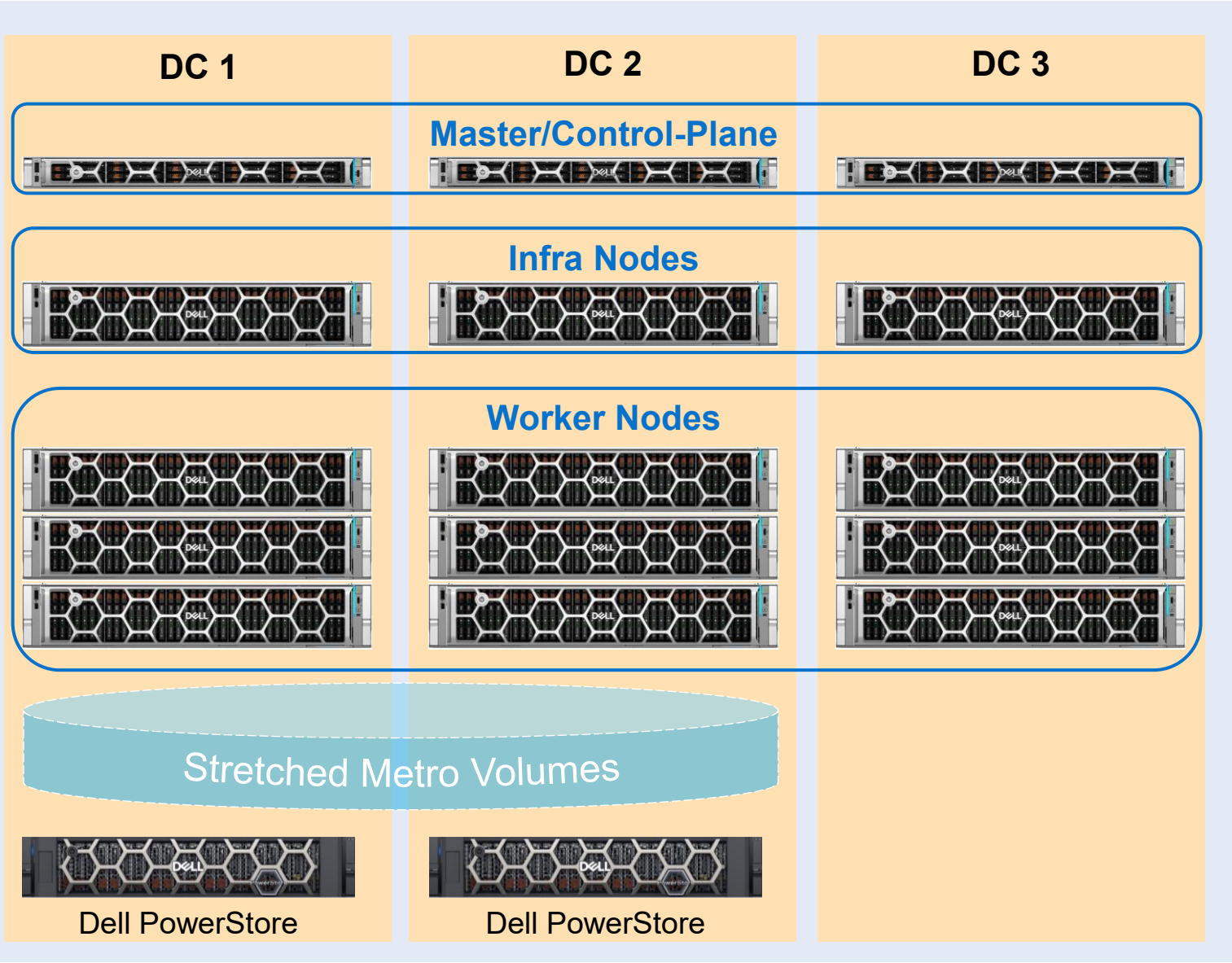
New Environment



3 x Master/Control-Plane (Dell R6715)
CPU: 1S AMD EPYC™ 9255
RAM: 192 GB

3 x Infra Nodes (Dell R6725)
CPU: 2S AMD EPYC™ 9555P
RAM: 1536 GB

9 x Worker Nodes (Dell R6725)
CPU: 2S AMD EPYC™ 9555P
RAM: 1536 GB

PowerStore Metro + Dell CSI
What Matters for Kubernetes

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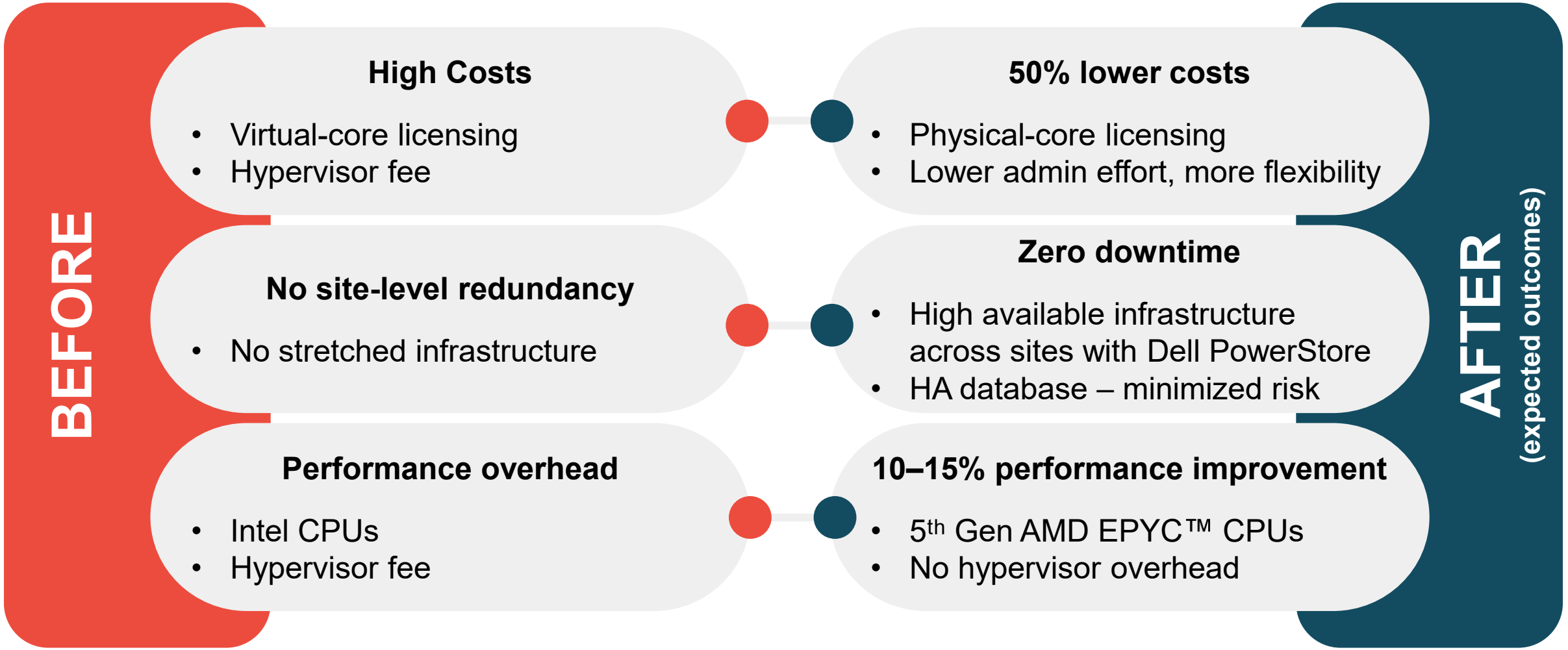
Results: Faster, cheaper, more resilient

Modernizing the stack (Red Hat + Dell + AMD) maximizes ROI in the container era



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Where are we going next with SYRIUS?

PRESENT

SYRIUS Classic

VM	Application	*Adcubum Syrius (Classic)*
	Runtime	*OracleJDK, OpenJDK*
	Middleware	*Oracle WebLogic*
	Bins/Libs	*JDBC-Driver, System-Libs, etc.*
	Guest OS	*Oracle Linux*
Virtualization	Virtualization Management	*VMware vCenter*
	Hypervisor	*VMware ESXi*
Hardware	Server	*Dell PowerEdge (Intel Xeon Gold)*
	SAN	*Dell Connectrix (Brocade)*
	Storage	*Dell PowerStore*

FUTURE

SYRIUS Private Cloud

Container	Application	*Adcubum Syrius (ad.Cloud)*
	Runtime	*OpenJDK*
	Middleware	*JBoss EAP*
	Bins/Libs	*JDBC-Driver, System-Libs, etc.*
	Container Base Image	*Red Hat Universal Base Image*
Container Platform	Container Orchestrator	*Red Hat OpenShift*
	Container Runtime	*CRI-O*
	Node OS	*Red Hat Enterprise Linux CoreOS*
Hardware	Server	*Dell PowerEdge (AMD EPYC™)*
	SAN	*Dell Connectrix (Brocade)*
	Storage	*Dell PowerStore*

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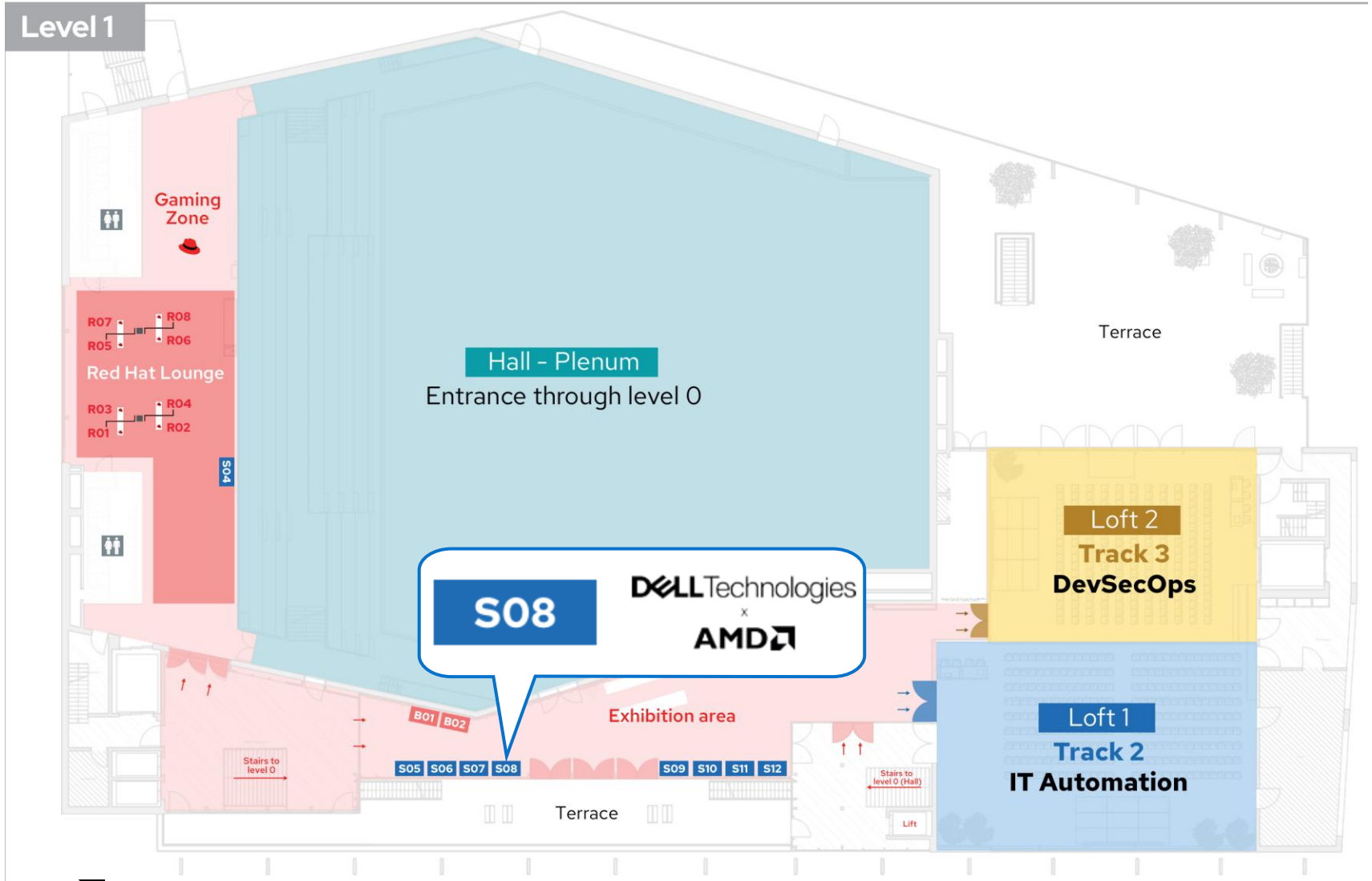
Want to know more?

Meet us at our booth



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Thank you!

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