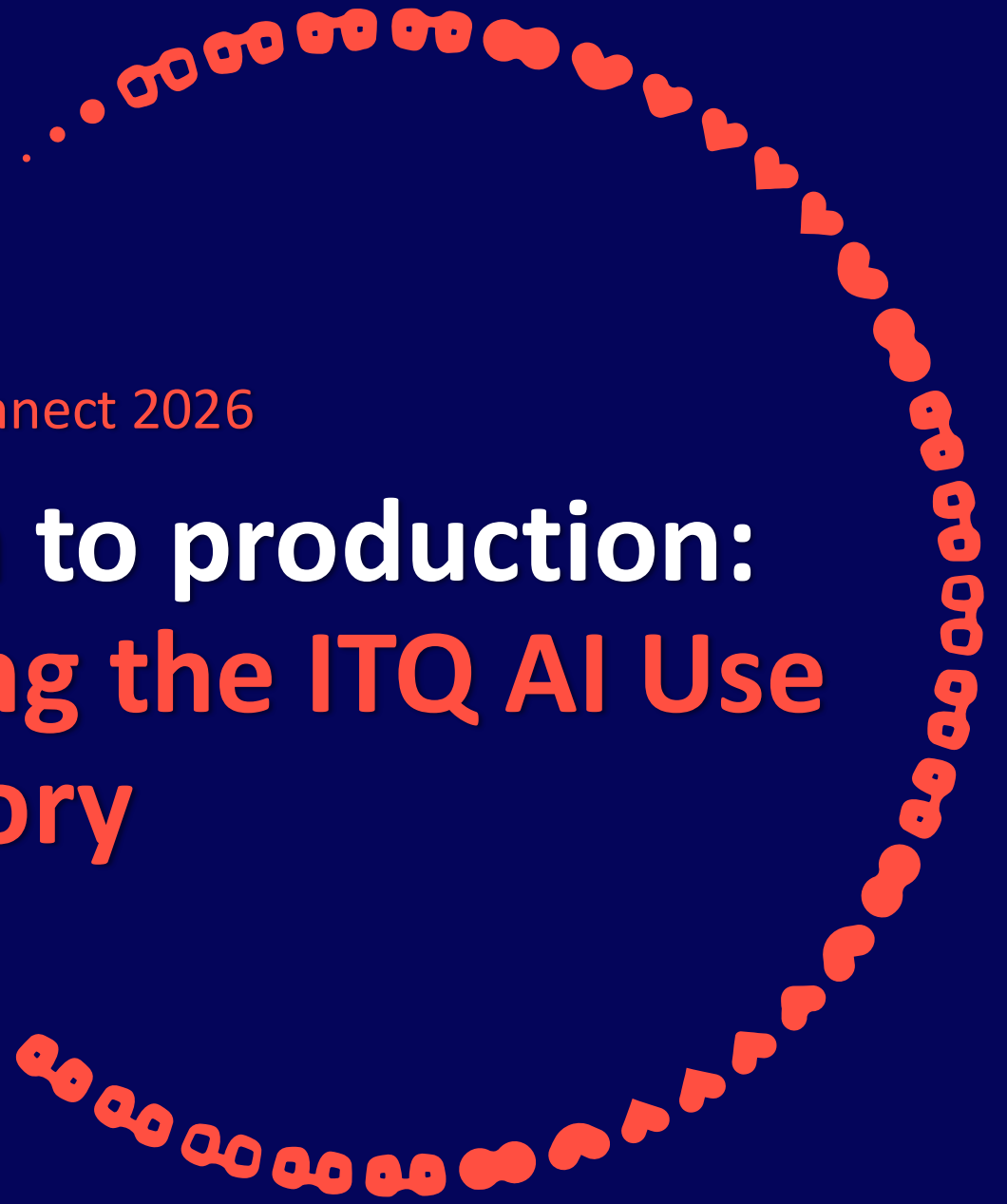
Red Hat Summit Connect 2026

From idea to production: Introducing the ITQ AI Use Case Factory



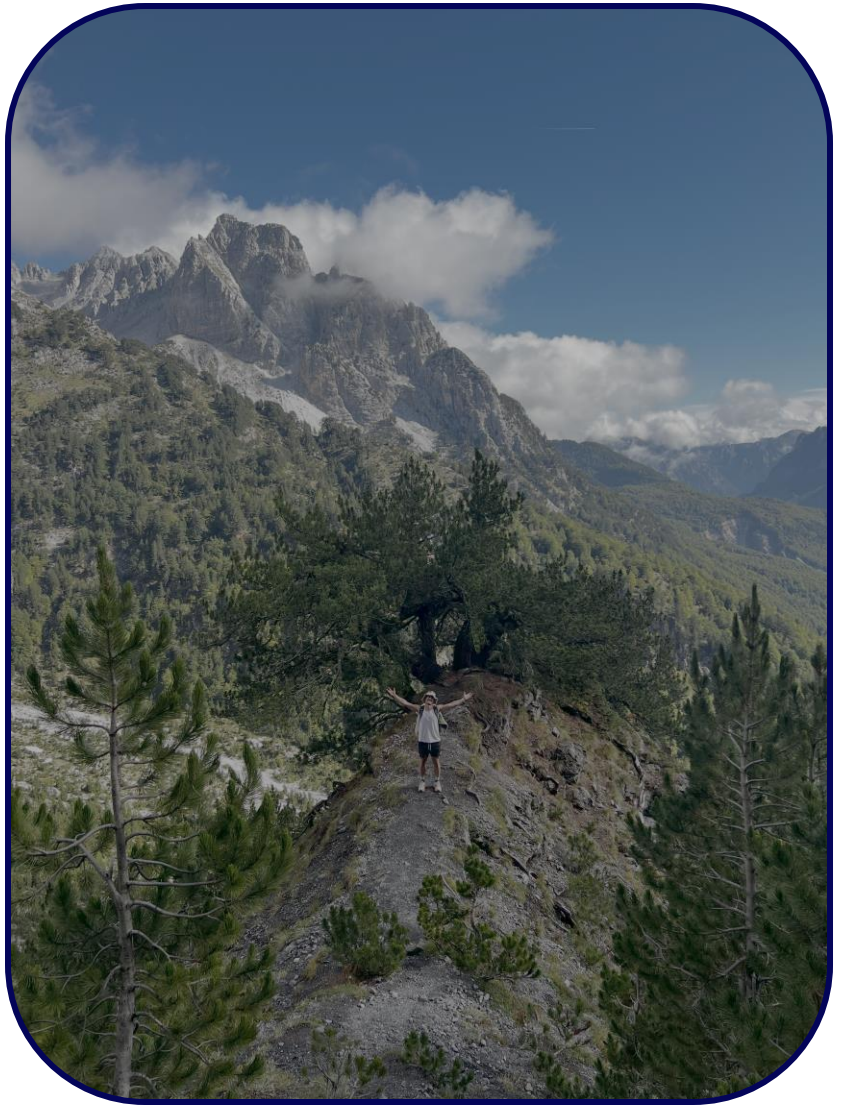
I'm a fool.

I made a mistake.



Maxime Colomès

AI Platform Engineer, ITQ



Who's in the room



Mike

Sales

"We have a problem!"



Julia

Engineer

"I have a solution!"



Jeroen

C-level

"There's no budget."

...and a project was born.

From PoC to Production

Project start



WHERE WE ARE NOW

Project start

We pick one concrete use case and kick off the build.

From PoC to Production



WHERE WE ARE NOW

Proof of Concept complete

The proof of concept works and proves real value.

From PoC to Production



WHERE WE ARE NOW

Proof of Concept complete

The proof of concept works and proves real value.

The Iceberg Problem



Proof of concept

the visible tip

20%

Production

the submerged mass

80%

The regulated squeeze

Compliance

EU AI Act high-risk enforcement went live 2 Aug 2026.
Our AI workloads are in scope.

Sovereignty

US CLOUD Act exposes EU patient data on hyperscaler rails.
On-prem and private cloud aren't optional.

Budget

Innovate at speed under compliance — with the same lean team that runs operations.

Most PoCs die

88%

of AI proofs of concept never reach production

Only 4 of every 33 make it.

The model wasn’t the problem.

Source: IDC for Lenovo, CIO Playbook 2025

And the mountain keeps moving.

FRONTIER MODEL RELEASE GAP

37.5 days → ~11 days

2023 → 2026

SOLO-TASK LENGTH AI CAN HANDLE

×2 → every 7 months

METR research

Build slowly and you're obsolete on arrival.

Our problem

Time to Value

A different offer

Week 1–2
PoC

Week 3–6
Production MVP

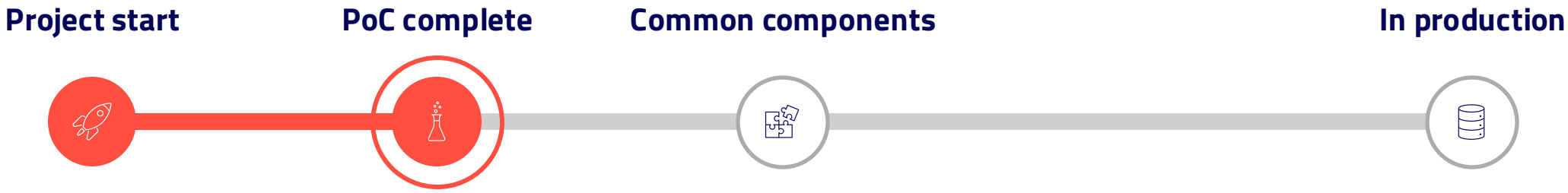
1–2
engineers

+10%
team speed gain

~70%
chance of real value

“ Worst case we stop after 2 weeks — are you in?”

From PoC to Production

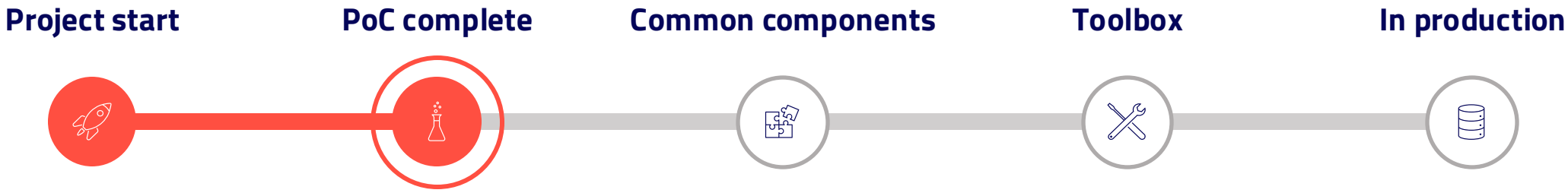


WHERE WE ARE NOW

PoC complete

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From PoC to Production



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The ITQ AI Use Case Factory

Every PoC reuses the same bricks. Gather them once.

- Self-service deployment
- AI tooling & agents
- Compliance by default
- Observability & evaluation
- Automation & tooling
- Lower cognitive load

Start simple — one component, open-source. Platform Engineering applied to AI.

The Iceberg Problem



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What sits where — the four layers

Application

Private AI apps & agents — shipped in a day

- Use Cases - HR · Sales · etc.
- Copilots & Agents
- Self-service

Platform & Tooling

Model serving · lifecycle · guardrails · registries

- Model as a Service — KServe · vLLM
- RAG · Pipelines · Gateway
- MCP & Agent registry
- Guardrails — TrustyAI

Infrastructure

Kubernetes · GPU orchestration · GitOps

- GPU scheduling
- GitOps
- Observability

Hardware

GPUs — from datacenter to edge appliance

- Edge: DGX Spark / GB10
- Datacenter: H100 · H200 · B200



- Runs where our data lives — our data center, our cloud, or at the edge. Sovereignty is a spectrum.

Two roads to production

Open-source	Enterprise-grade
	Dell · NVIDIA · Red Hat
✓ **You gain**	✓ **You gain**
Full flexibility and “free” licensing	State-of-the-art architecture & services, with less human overhead
• **You trade**	• **You trade**
A dedicated team and ongoing maintenance effort	Higher licensing cost, less flexibility

VS

What sits where — the four layers

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OpenShift AI

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Kubernetes · GPU orchestration · GitOps

- Run:AI GPU scheduling
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NVIDIA

OpenShift

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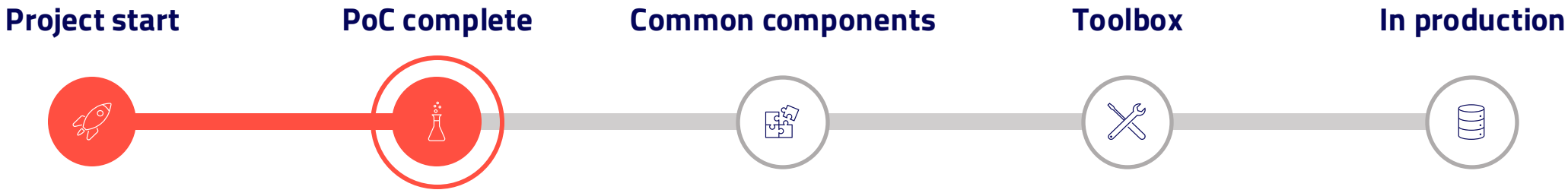
NVIDIA

Dell



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From PoC to Production

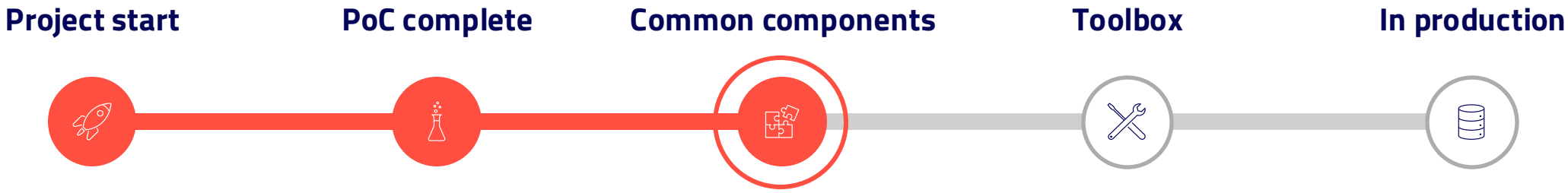


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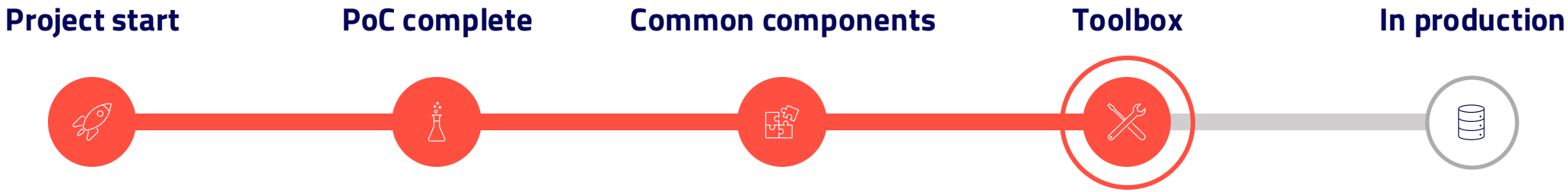


WHERE WE ARE NOW

Common components

We spot building blocks that repeat across use cases.

From PoC to Production

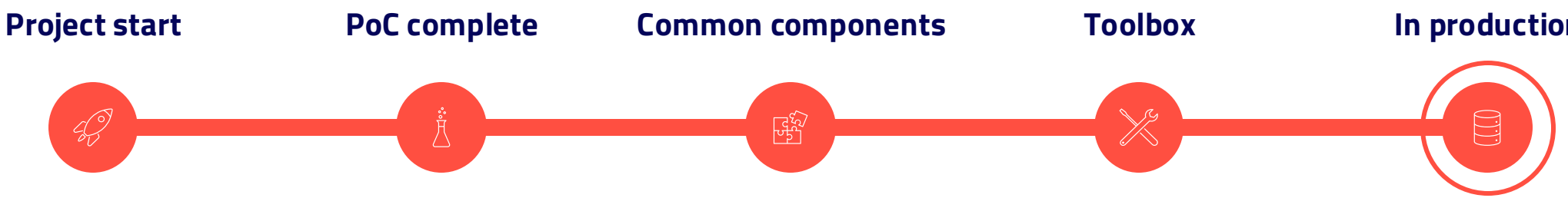


WHERE WE ARE NOW

Toolbox

Shared components are gathered — the platform foundation.

From PoC to Production



WHERE WE ARE NOW

Production achieved



The solution goes live and scales to users.

Have a pilot that is stuck?

Bring it to the Dell & ITQ booth.

09:30	**Jeffrey**	Keynote opening
11:30 – 13:00	**Sander**	Hackathon, from prompt to production on OpenShift
11:30 & 13:30	**Tom**	MP Motorsport’s virtual race engineer
12:00 & 14:00	**Christiaan**	AI performance engine for athletes
14:00	**Johan**	Secure private AI, with Catharina Hospital

We are on a journey to build qualitative IT.

You too?

Let’s get in touch and help each others!

Maxime Colomès

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in/maxime-colomes



