

R7 - Introducing the next generation risk system

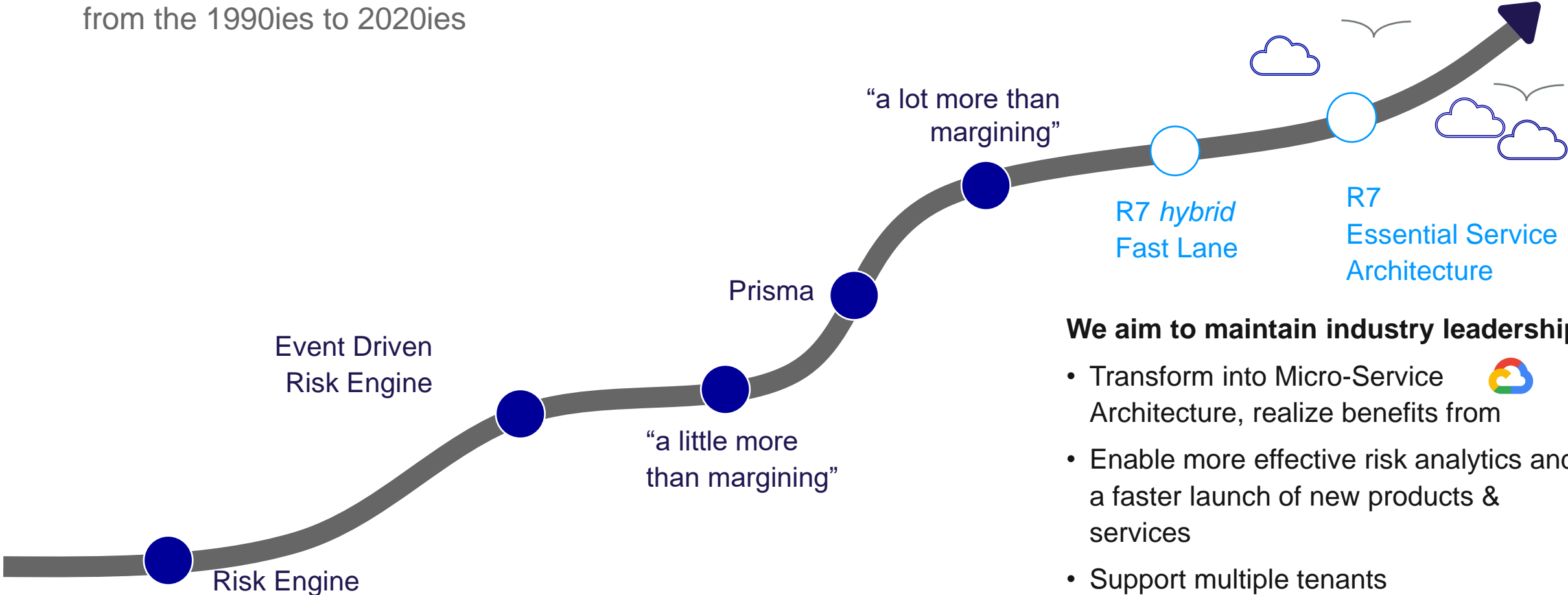
Laura Nasello

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OpenDay
2023

Our Journey from basic service to sophisticated IT solutions

from the 1990ies to 2020ies



We aim to maintain industry leadership

- Transform into Micro-Service Architecture, realize benefits from 
- Enable more effective risk analytics and a faster launch of new products & services
- Support multiple tenants

What is R7 about?



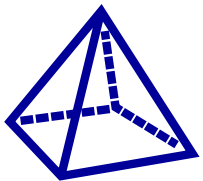
Technical Rework for Risk Management Systems & Tooling



Getting ready for the Cloud(s)



Faster launches for new products & services



Prisma Margin Methodology remains

We are technically reworking the Landscape of risk systems and tooling to a Micro-Service Architecture, ready for the Cloud(s)

Technical Rework for Risk Management Systems & Tooling

- Service-to-service communication works via gRPC calls
- Traffic flow into- and out of R7 services is abstracted by a queuing mechanism based on Redis

Key Technologies



Getting ready for the Cloud(s)

- All R7 Services run in docker containers
- OpenShift orchestrates the containers where the services are running
- Individual services can scale independently and automatically, according to market conditions, R7 user activity etc.

Key Technologies



Improved time to market already during R7 implementation phase through via the R7 Fast Lane

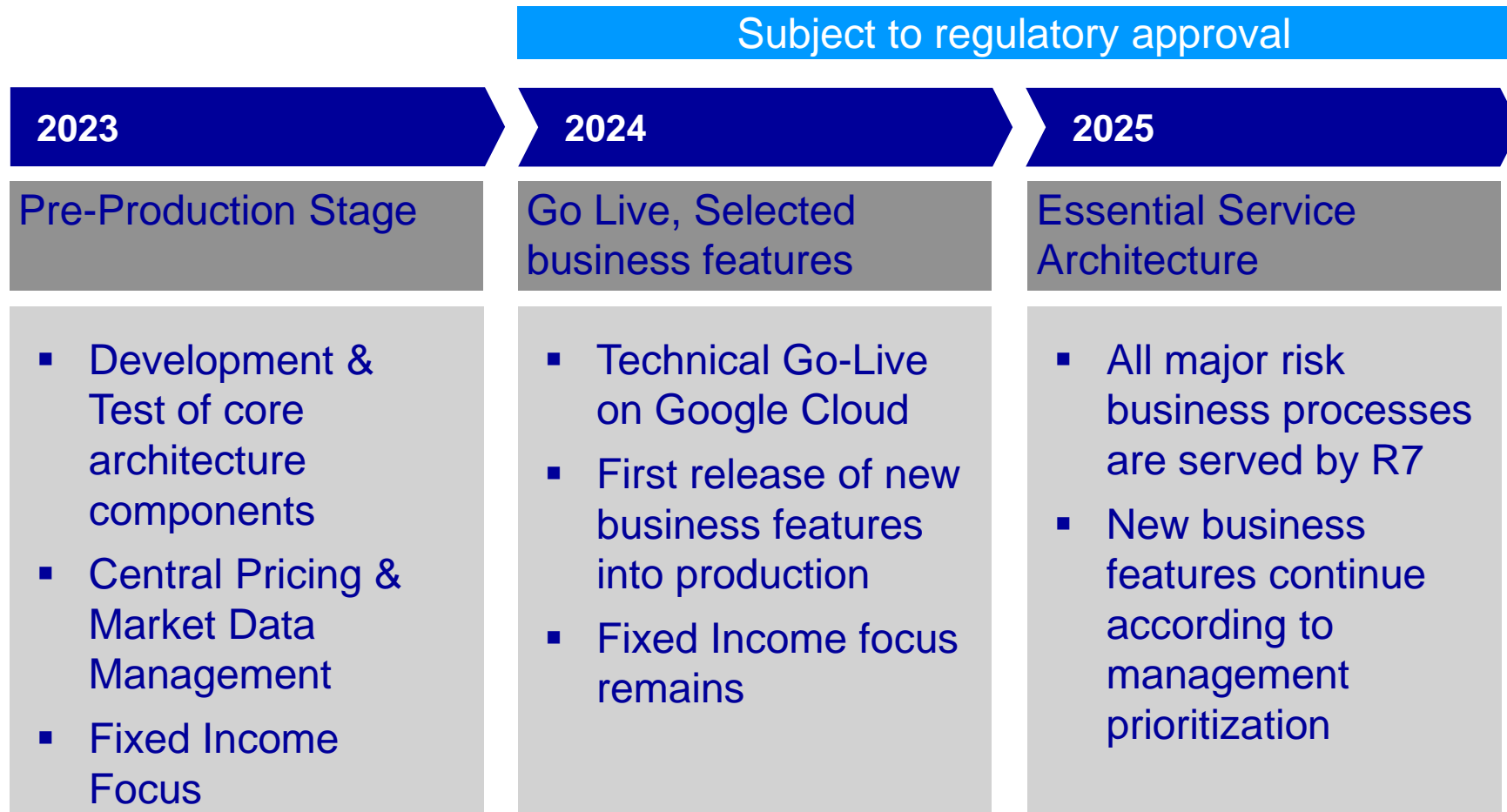
Faster launches for new products & services

- Dedicated analytics environment for modelling and prototyping
- R7 Pricing services adjust capacity flexibly to varying intraday demand, depending on trading- and clearing activity
- R7 Fast Lane for new products & services utilizes pricing and market data management from R7 and aggregation from Prisma system

Prisma Margin Methodology remains

- R7 is not about changing the margin methodology, but enables the migration of further products to be margined following Prisma logic as well as enabling further potential for cross-margin offerings

R7 is planning to Go live in Production in 2024



There are no major changes foreseen on customer interfaces for the time being.

Stay tuned for updates and follow us under



Thank you!

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