

# SEASON BASED GOVERNANCE

**SUJAA DEEPAK**

GLOBAL PRACTICES AND COMPETENCY

**NIGEL LESTER**

GLOBAL ALM PRACTICE CHAMPION

Collaboration. Agility. Creativity.

May 2022

**Schlumberger**

# Schlumberger

Together, we  
create amazing  
technology that  
unlocks access  
to energy for the  
benefit of all.

92,000+

WORKFORCE

160

NATIONALITIES

80+

COUNTRIES OF  
OPERATION

65+

TECHNOLOGY  
CENTERS

13,000+

ACTIVE  
PATENTS



2021 Revenue

\$22.9 Billion

# Schlumberger Digital & Integration

We create value through the integration of data, technology, and processes enabled by the best people in the industry for the benefit of our customers.

**160%**

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USER GROWTH  
YEAR OVER YEAR

**1,000%**

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GROWTH IN  
COMPUTE-CYCLE  
INTENSITY

**240**

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COMMERCIAL  
CUSTOMERS

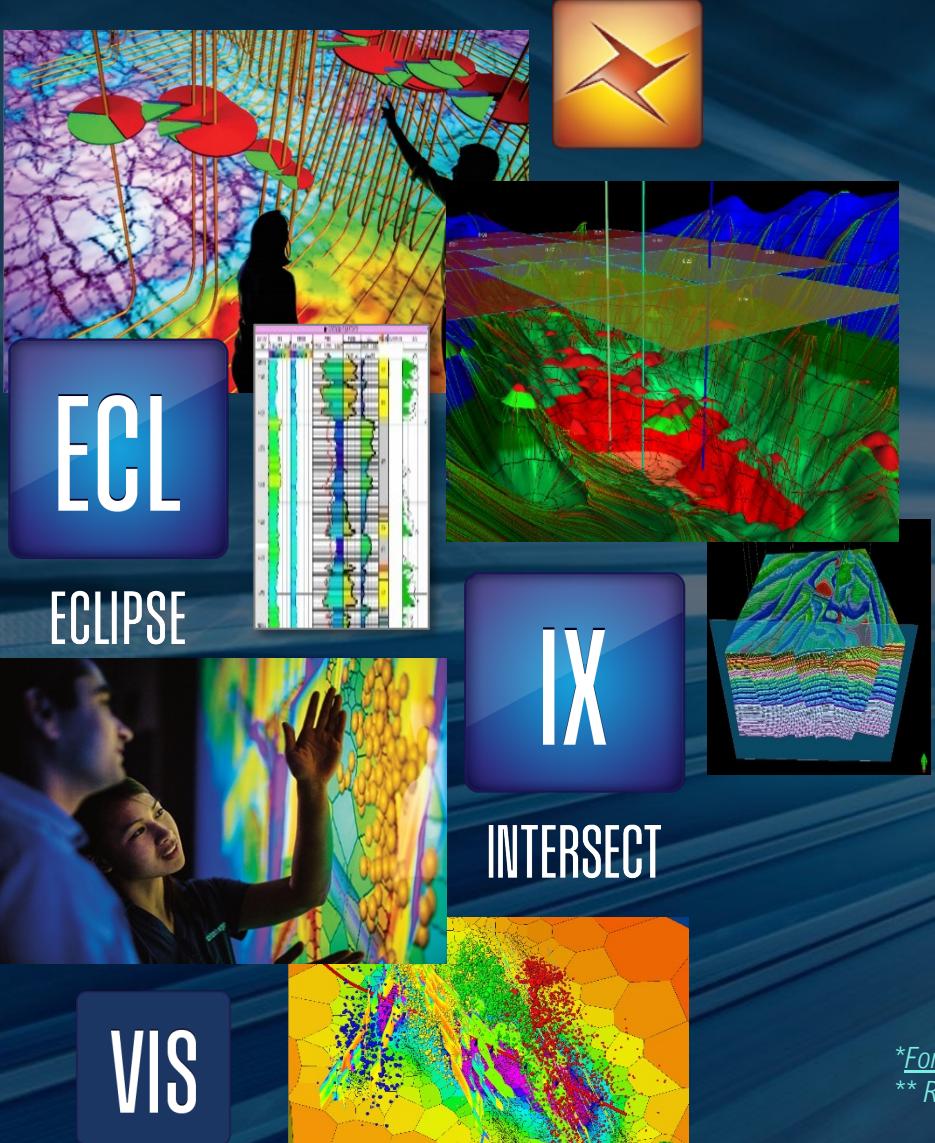
## 2021 Digital & Integration Revenue

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**\$ 3.2 Billion**

This year, we expanded access to our platform, adding collaborators to an unmatched network of best-in-class digital partners, and unlocked market access across all basins through the most comprehensive public, hybrid, and private cloud capabilities.

# Schlumberger Digital - Software



- #1 Software technology provider to upstream oil & gas industry
- Top 50 \*global software company
- 40 years of E&P software development
- Largest contributor to the open source OSDU data platform
- 1700+ Customers per annum
- 100% of the \*\*Top 50 oil & gas producers
- Expanding Energy Transition offerings including CCS - CO<sub>2</sub> sequestration

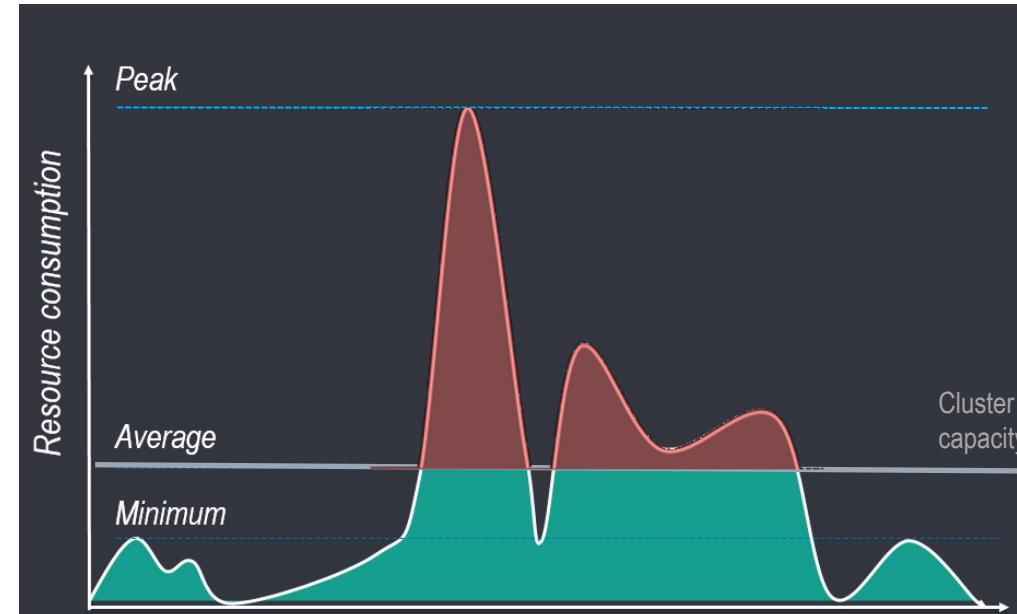
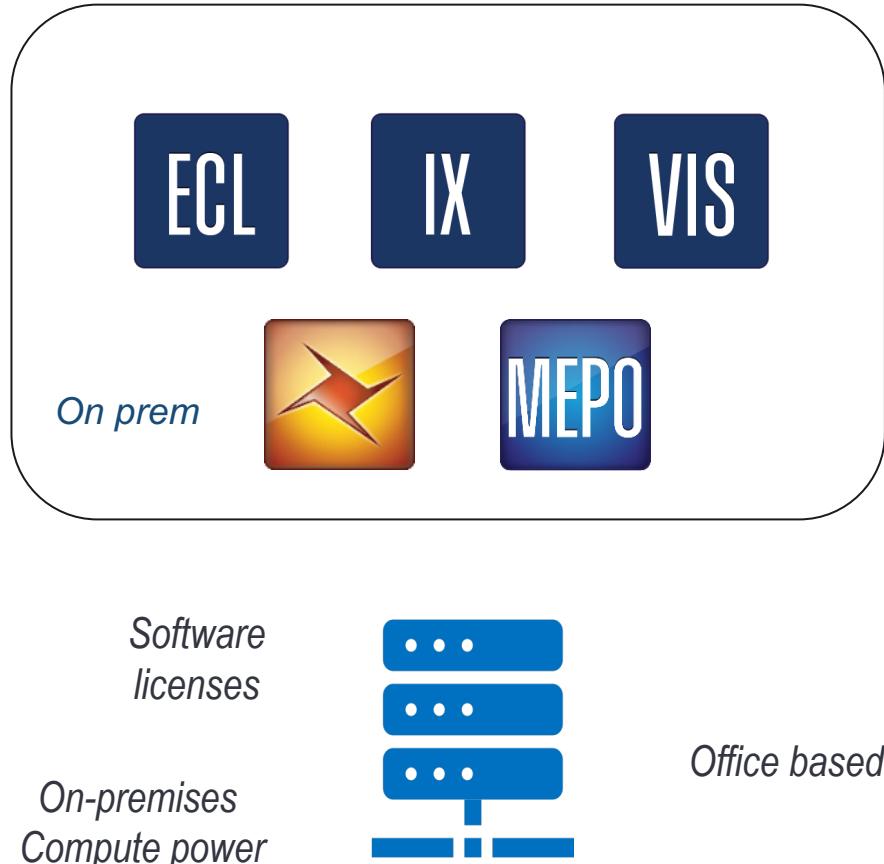
E&P Digital Transformation - key strategic focus for industry offering



\*[Forbes Global 2000 list for "Software & Programming"](#) / [Wikipedia – Largest Software companies](#) & \*PWC - [Global 100 Software Leaders by revenue](#)  
\*\* Rystad reported oil & gas production for 2019 vs Schlumberger Software Revenue

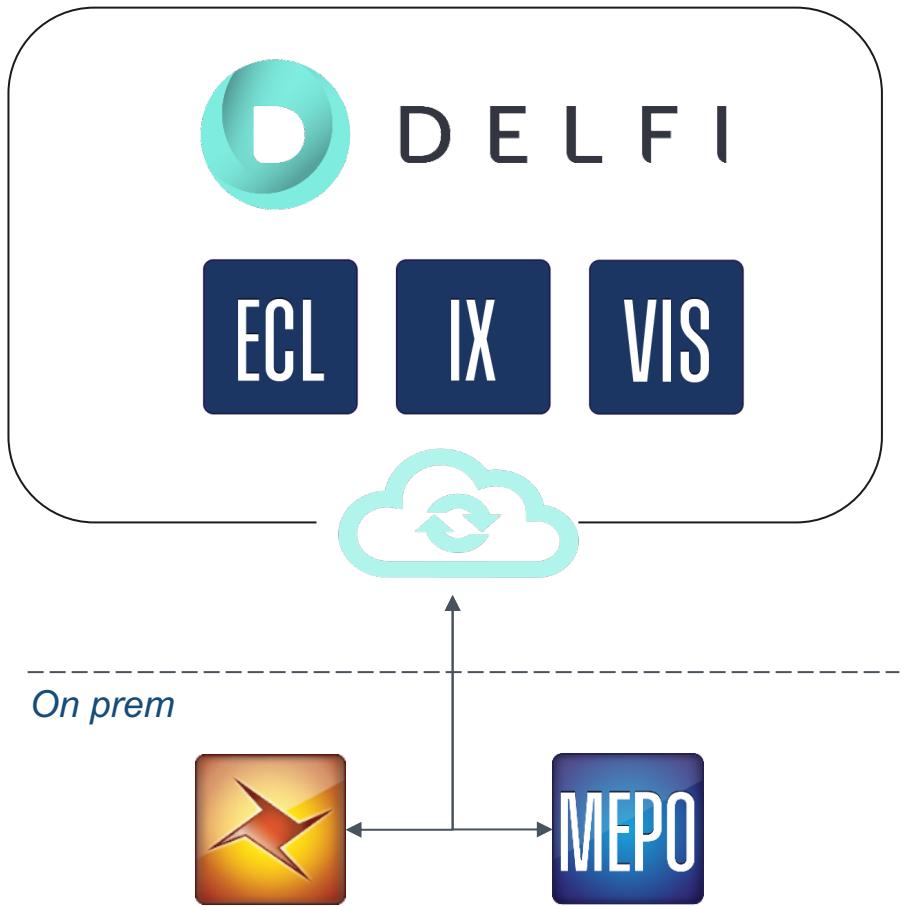
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# On Prem Software Solutions



Simulation activities driven by infrastructure

# On Demand Reservoir Simulation

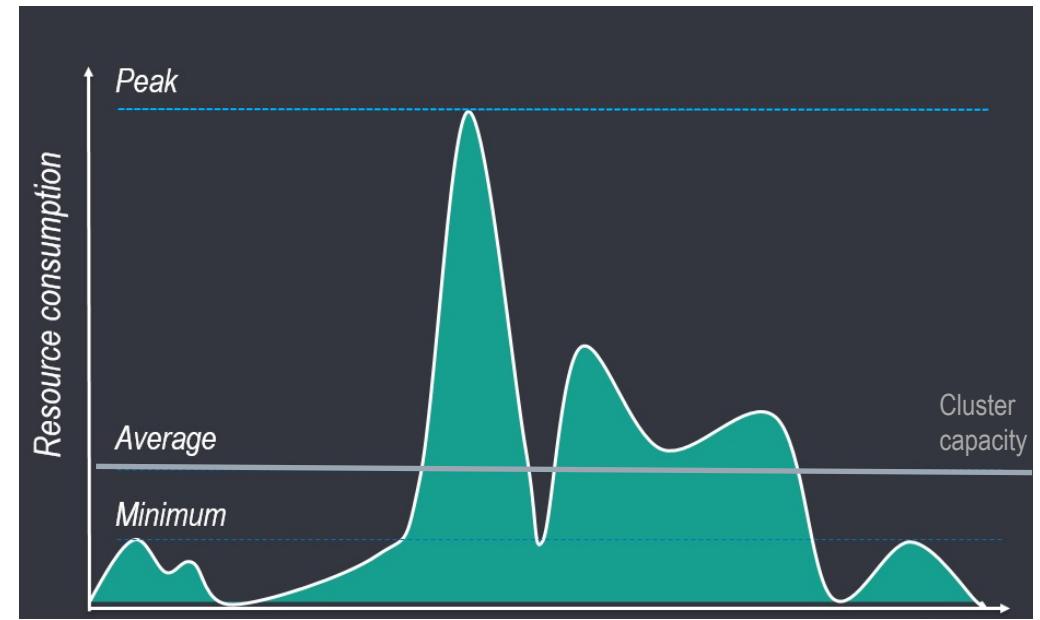


*From any location,  
working from home  
or at the office*



*Virtually ‘unlimited’  
cloud computing  
capacity*

*No licenses  
restrictions*



*Simulation activities driven by business needs*

# Software Lifecycle Management

Our Schlumberger ecosystem for our PEOPLE to design, develop, test, build and release software to our users.



Global Practices and Competency Manager



Global Application Lifecycle management(ALM) Practice Champion

## PRACTICE

Agile , DevOps, Lean, UX



## PEOPLE

SLM Community and SLM Certification



## TOOLS

Application Lifecycle Management Tools  
Process & Practice support

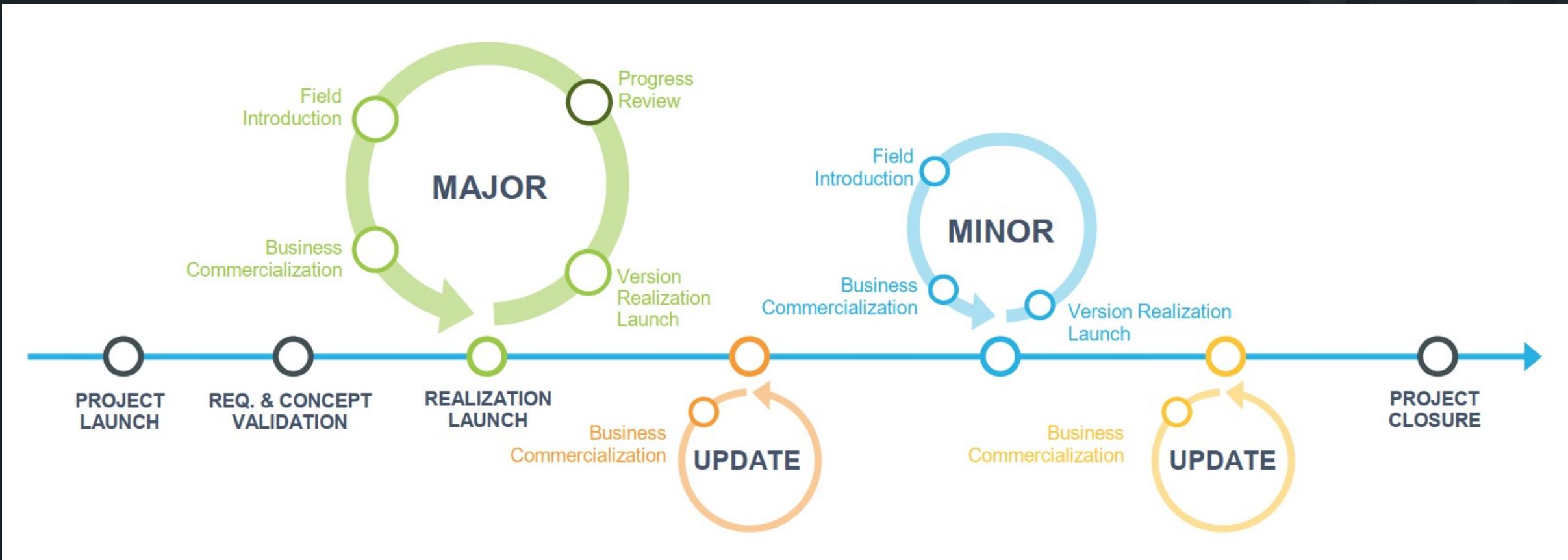


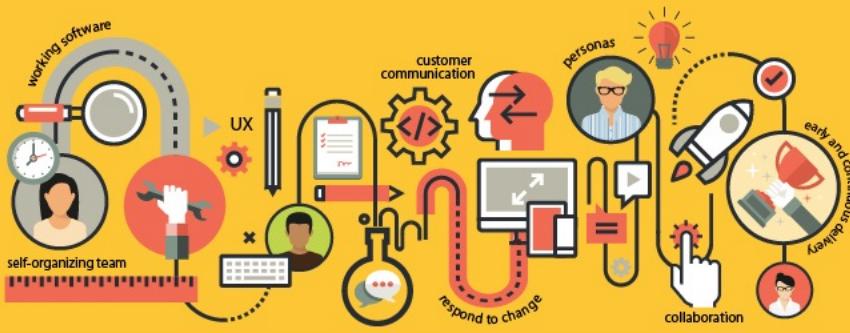
## GOVERNANCE

Season-based governance or Critical Decision Point scalable for all product types

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# Traditional Development Process





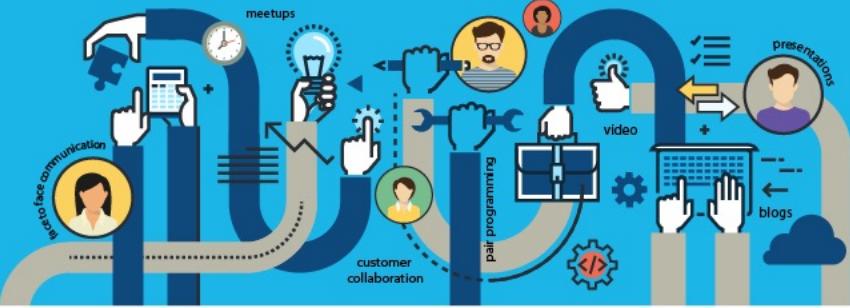
# AGILE, LEAN & CUSTOMER OBSESSED

Work in Cross Functional Teams, Deliver Value in Short Iterations, Use Integrated Tools



## EMBRACE DevOps

Pursue Quality at Every Step  
Share Knowledge on New Ways of Working



## COLLABORATE AND CONTRIBUTE

Collaborate Across Organizational Boundaries  
Learn, Share and Promote Your Ideas



## MEASURE AND EVOLVE

Reflect, Fine-tune and Adjust

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# Evolving For DevOps – Paradigm Shifts

## From Traditional

Process built on checks and balances

Projects over Products

Predictive planning

Static project plans & artifacts

Limited product team access to end users

Releases with high ceremony

Measurement of output

Silos with formal hand-off to deployment

Compliance checks at release only

## To DevOps

→ Aligned and Autonomous teams

→ Products/Services with Continuous flow of value

→ Hypothesis Driven Development

→ Live content, approvers on critical artifacts

→ User Centered design and access to real users

→ Frequent deployments + release strategies (dark launches, etc.)

→ Measurement of outcomes

→ Dev + Ops deploying continuously and painlessly

→ Continuous compliance

# Season Based Governance (SBG)



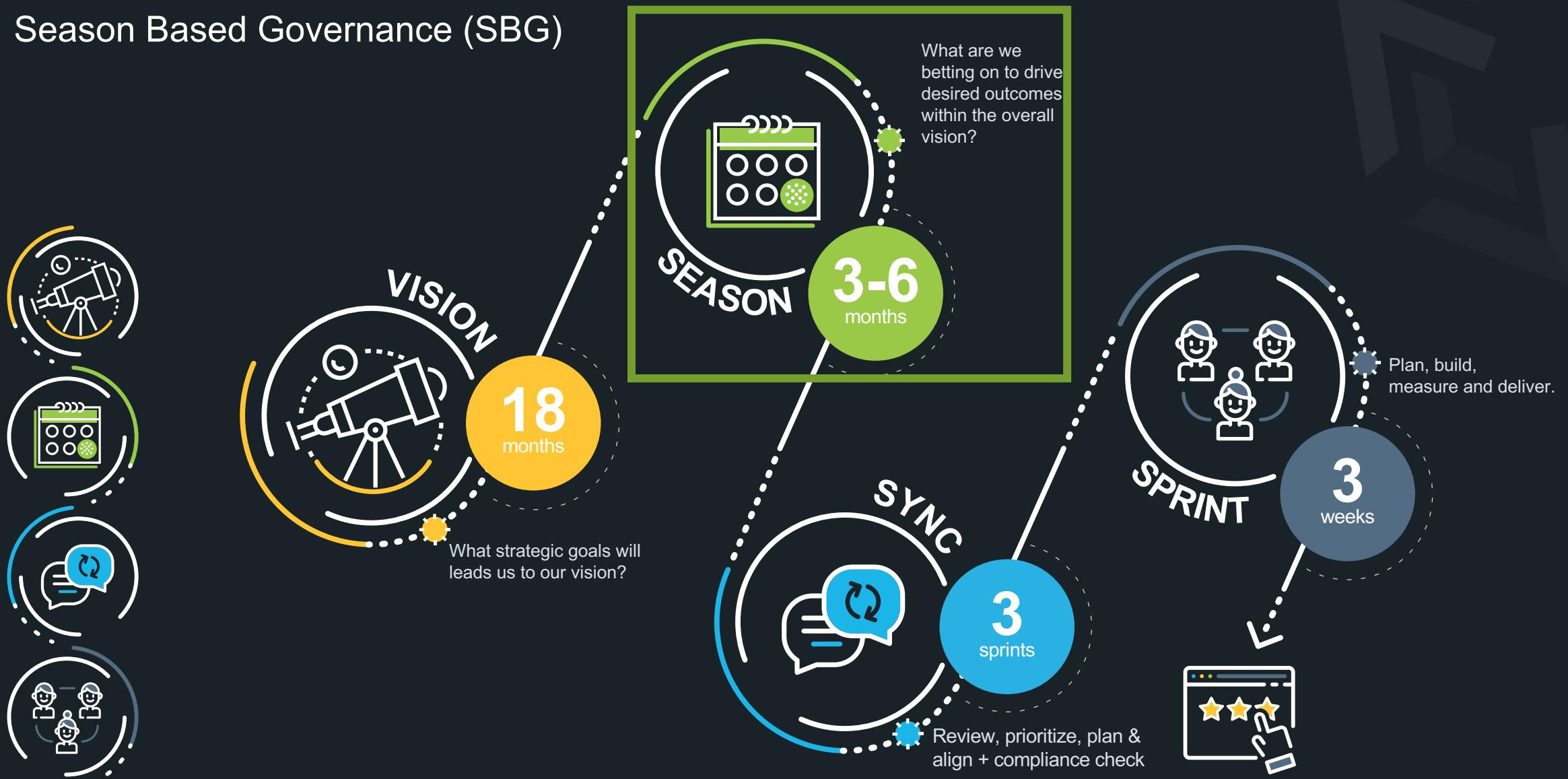


# What goals will lead us to our vision?

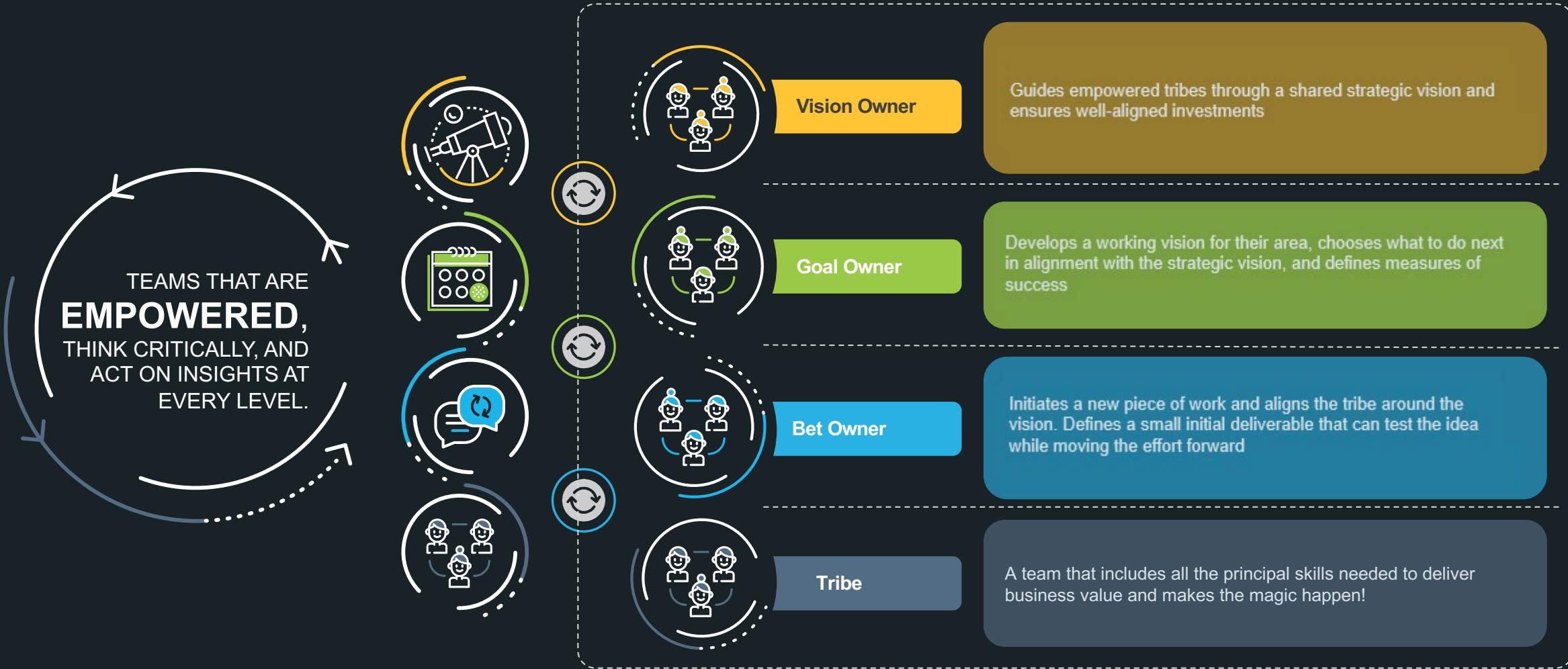
**About the Vision Presentation:** Tribes are **aligned** with the strategic priorities and know how they fit in the value chain.



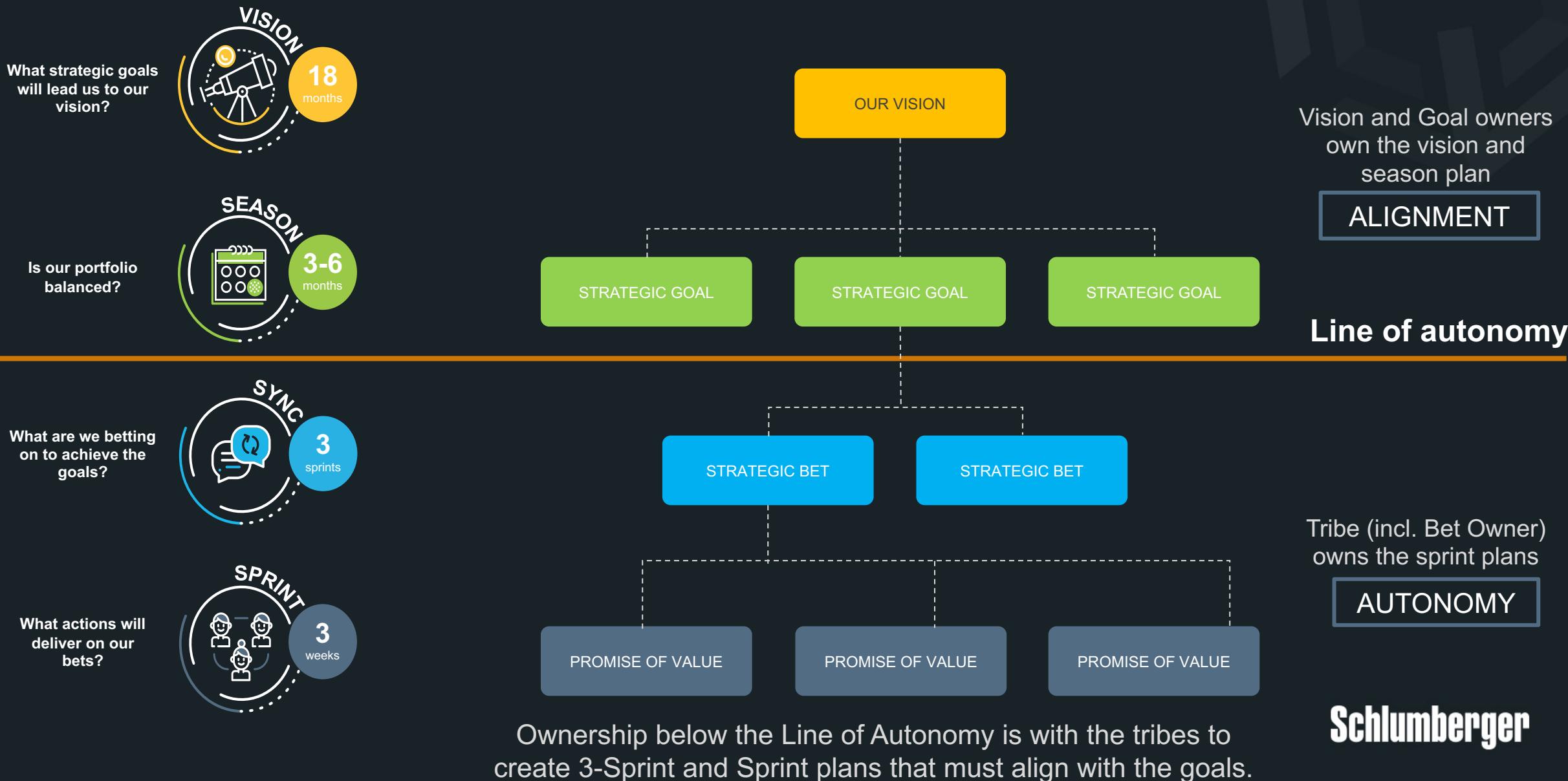
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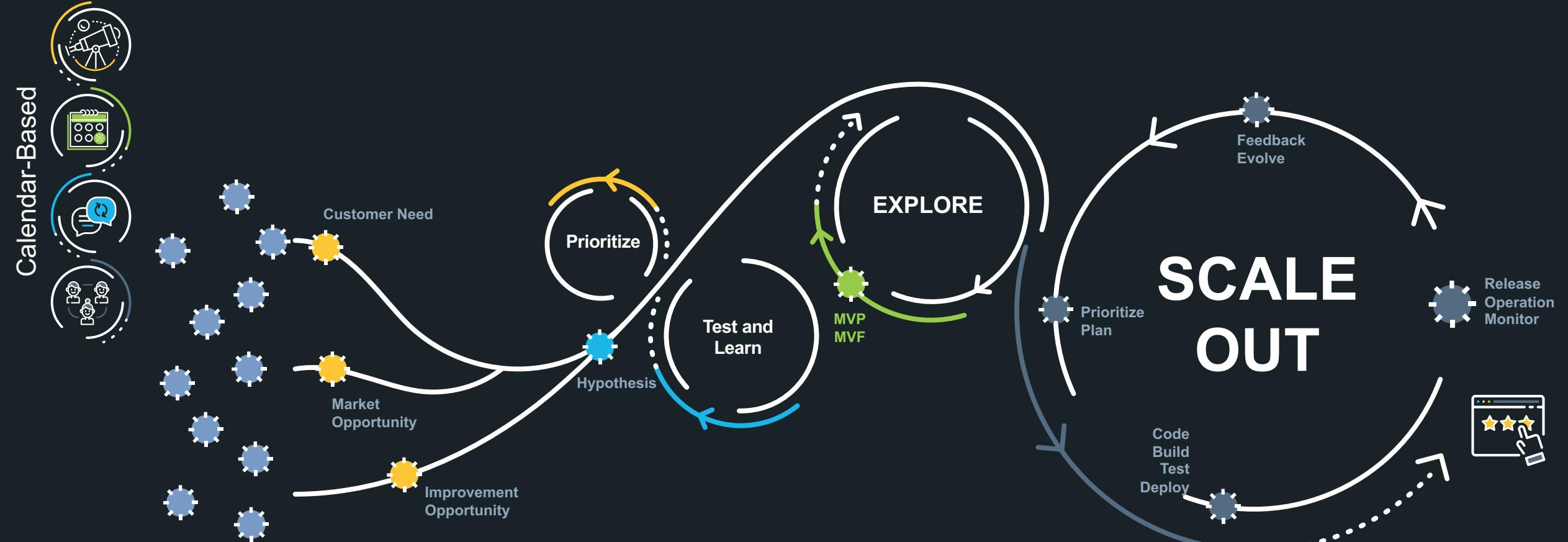


# Season Based Governance: Roles



# Season Based Governance: Lean Value Tree





Working with customers throughout the Product Lifecycle

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1. **Calendar based Season Ceremonies:**  
Heartbeat of the portfolio governance

Season      Season      Season      Season

2. **Workstreams:**  
May start and finish **within or across seasons**

Workstream

Workstream

Workstream

3. **Releases:**  
Not tied to the end of a season

4. **Product Maturity Governance:**  
Driven by the needs of the product

Product 1

Product 2

Pivot  
Decision

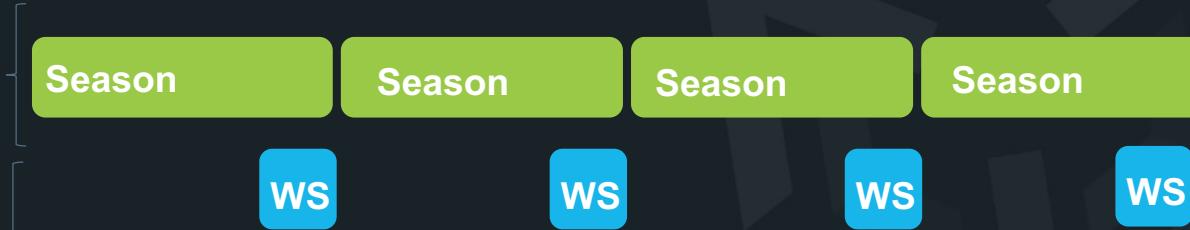
Scale Out  
Decision

Release  
Ready Check

Go Live Decision

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Heartbeat of the portfolio governance



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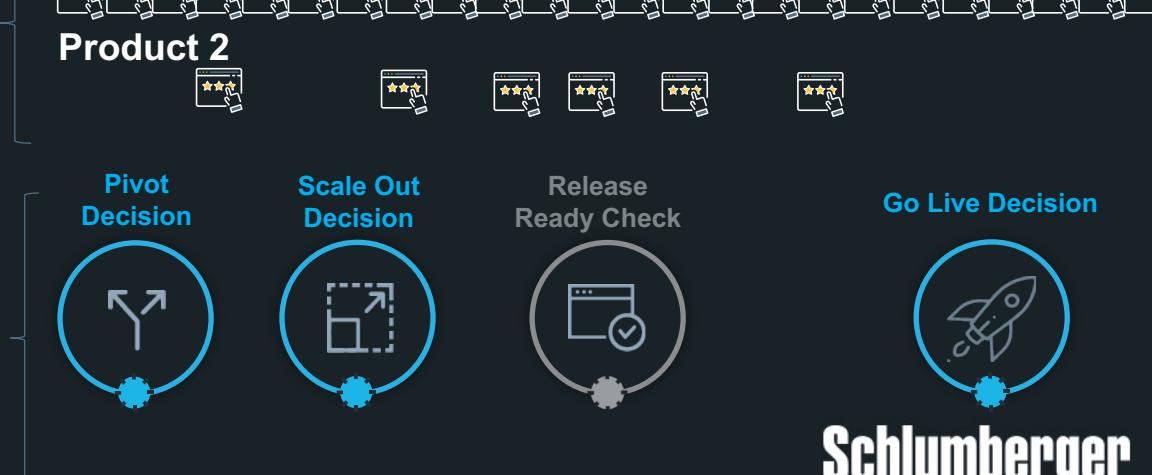
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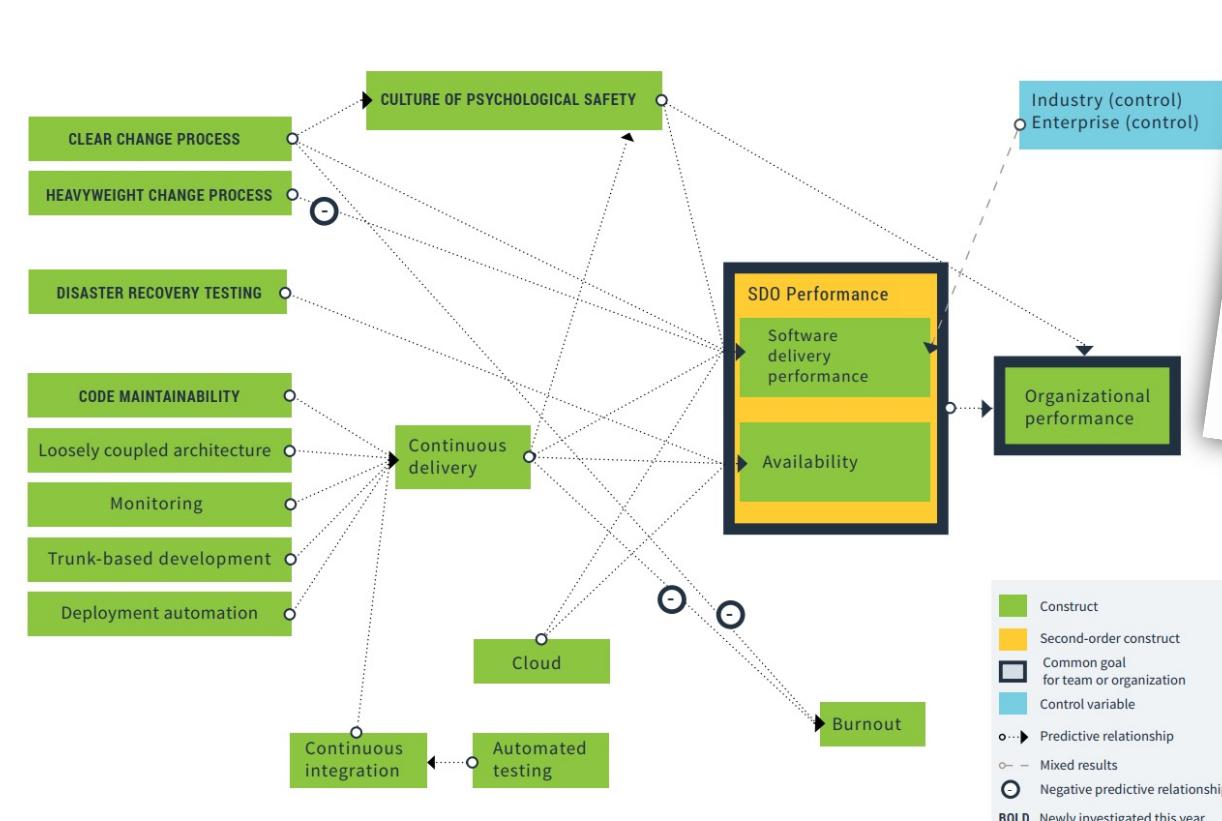
5. **Workshop (WS):**  
Review learnings and plan for the next season

6. **Regular Syncs:**  
Shift Left on Security & alignment with dependencies



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## SOFTWARE DELIVERY & OPERATIONAL PERFORMANCE



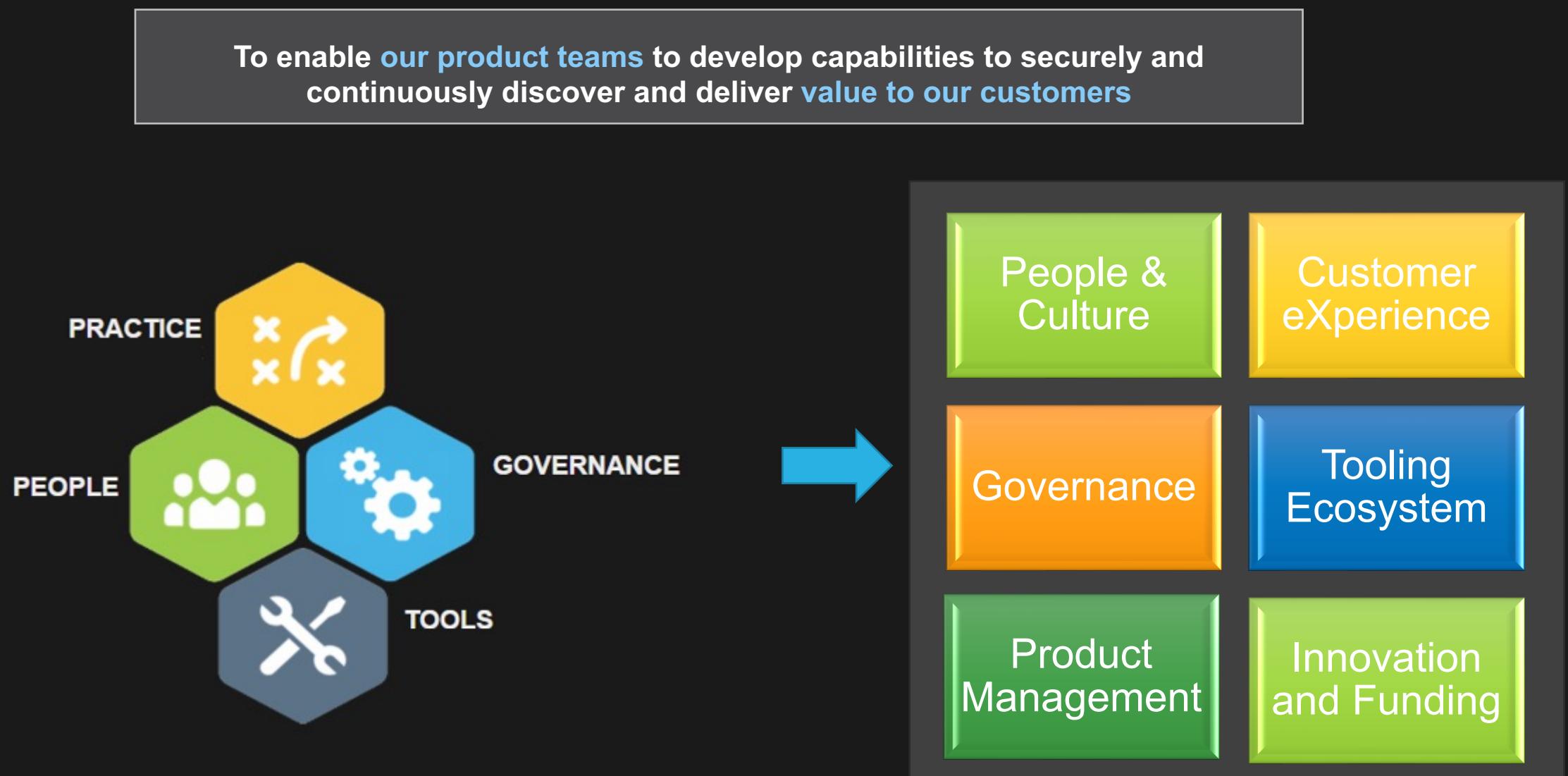
Accelerate: State of DevOps 2019 | How Do We Improve SDO & Organizational Performance?



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Left & lower right images from: The 2019 Accelerate State of DevOps Report, 2019, authored by the Google Cloud DORA Team.

# Our Vision



# Challenges

- Seamless integration across the organization
- Operating live services whilst digitally transforming
- First version of SBG assumed single cloud provider
- Culture mindset changes - unlearning old ways of working
- Measuring success - outcomes over outputs
- How to engage customers through the product lifecycle – more often and earlier!
- Season ending at year end
- ...



- We would love to hear what you think about our Governance strategy?
- Or what do you think is missing?
- We would love to hear how you do governance?
- Your principles and philosophies...

Meeting with Dany Rahal-20220416\_223004-Meeting  
Recording.mp4

Meeting with Matthew Brown-20220418\_152612-Meeting  
Recording.mp4

ADD VIDEO TESTIMONIALS  
FROM Dany Rahal, Matt Brown,

TODO

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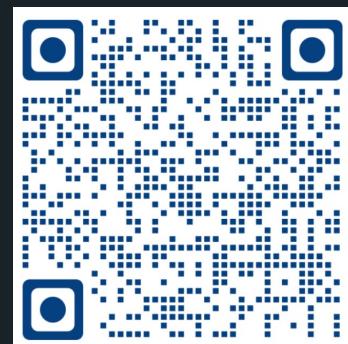


To our Technology Partners &  
The Digital Technology Community  
in Schlumberger

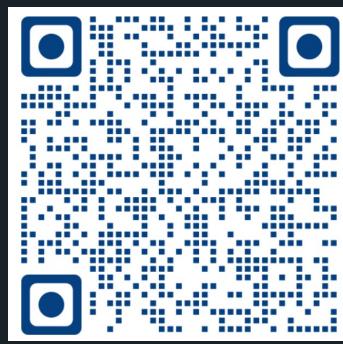
thank you



# THANK-YOU



Suja Deepak



Nigel Lester



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