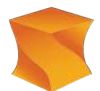


SAP User Access

Provisioning (IAM vs GRC) Understand your options

Webinar | 9 November 2021

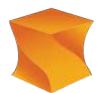


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Guest Speaker:
Emile Steyn,
Soterion

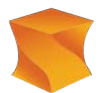


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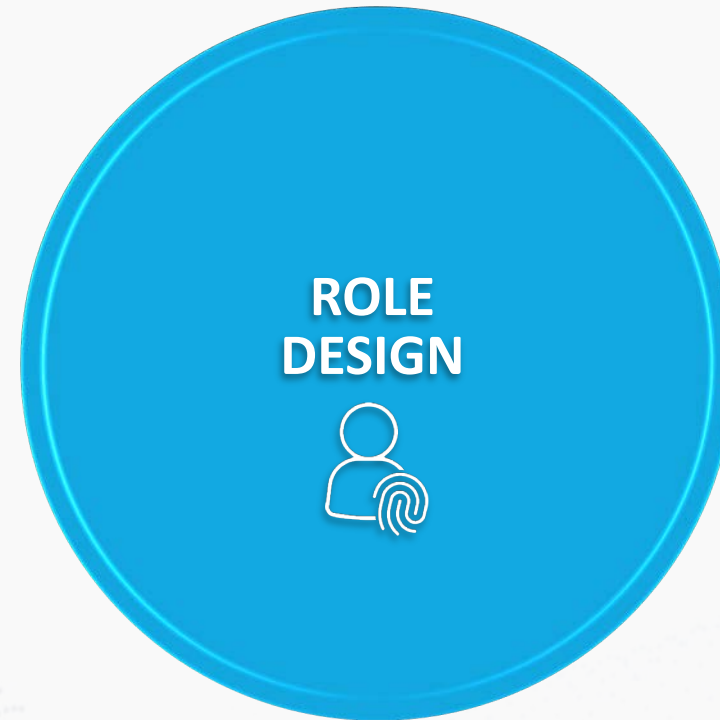


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The evolution of SAP security, access control (GRC) and IAM

SAP Role design and methodology is how SAP users are assigned their transaction code access

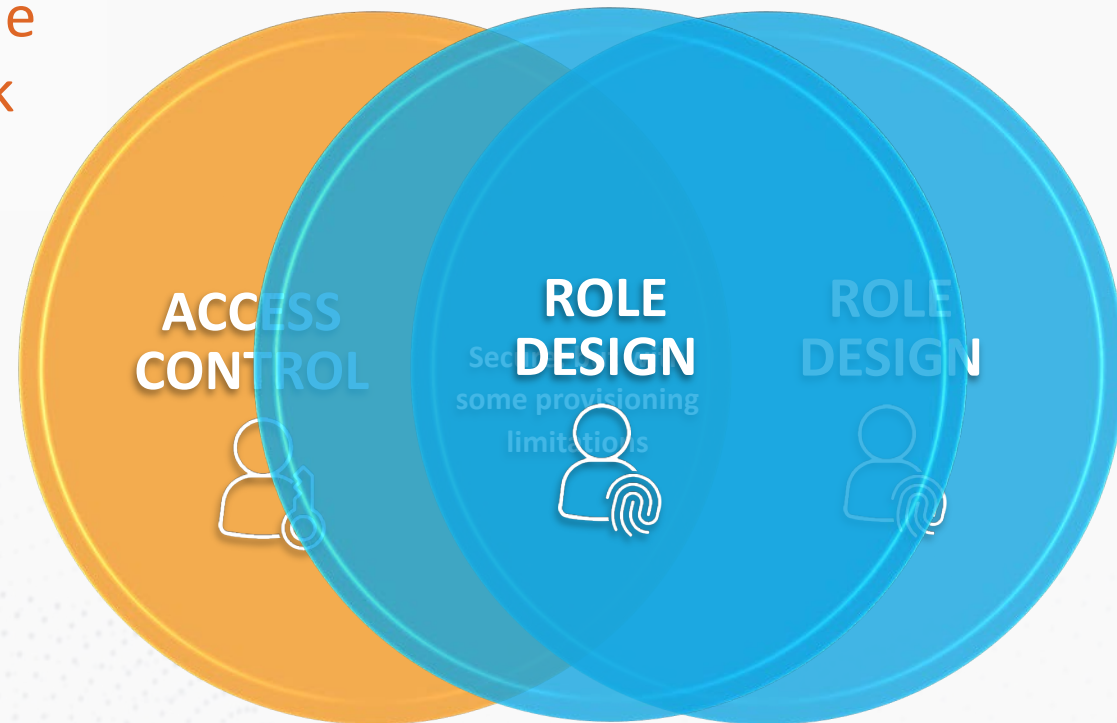
- ▶ What are the provisioning options:
 - **Direct** allocation to SAP User
 - Assigning SAP roles to **HR Position**
 - Via **Composite Role**



The evolution of SAP security and access control

Access control solutions came onto the market to help manage the access risk

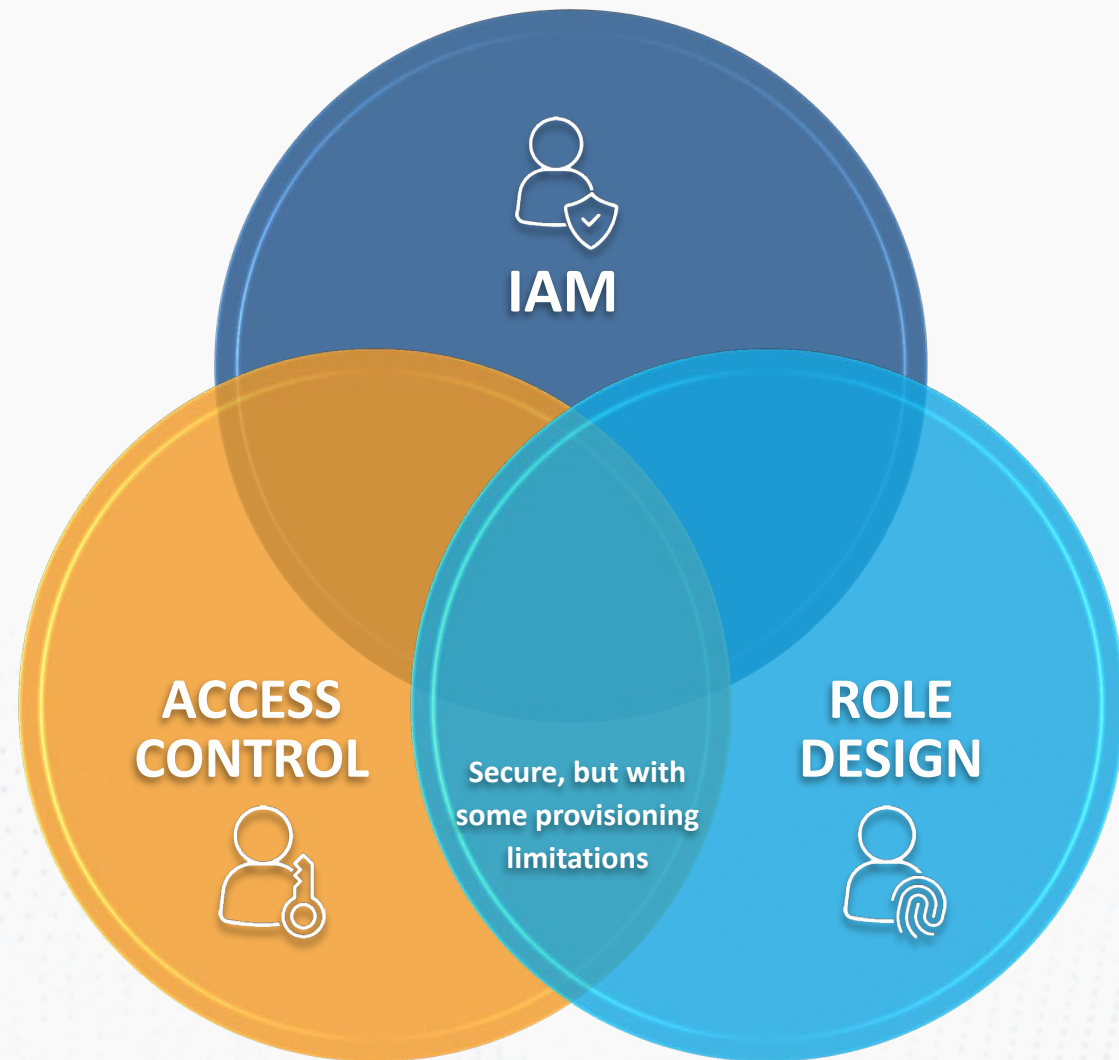
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 - Business Role (**limited** to SAP)



The evolution of SAP security and access control

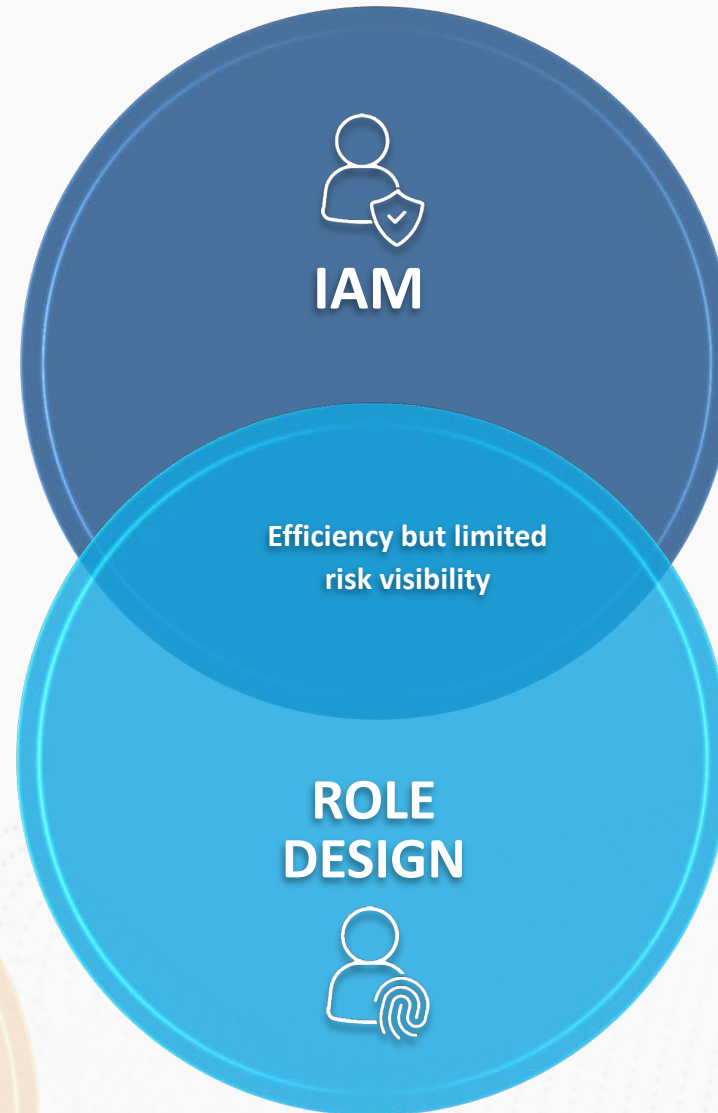
IAM solutions came onto the market to improve provisioning efficiencies

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 - Business Role (**wider than SAP**)



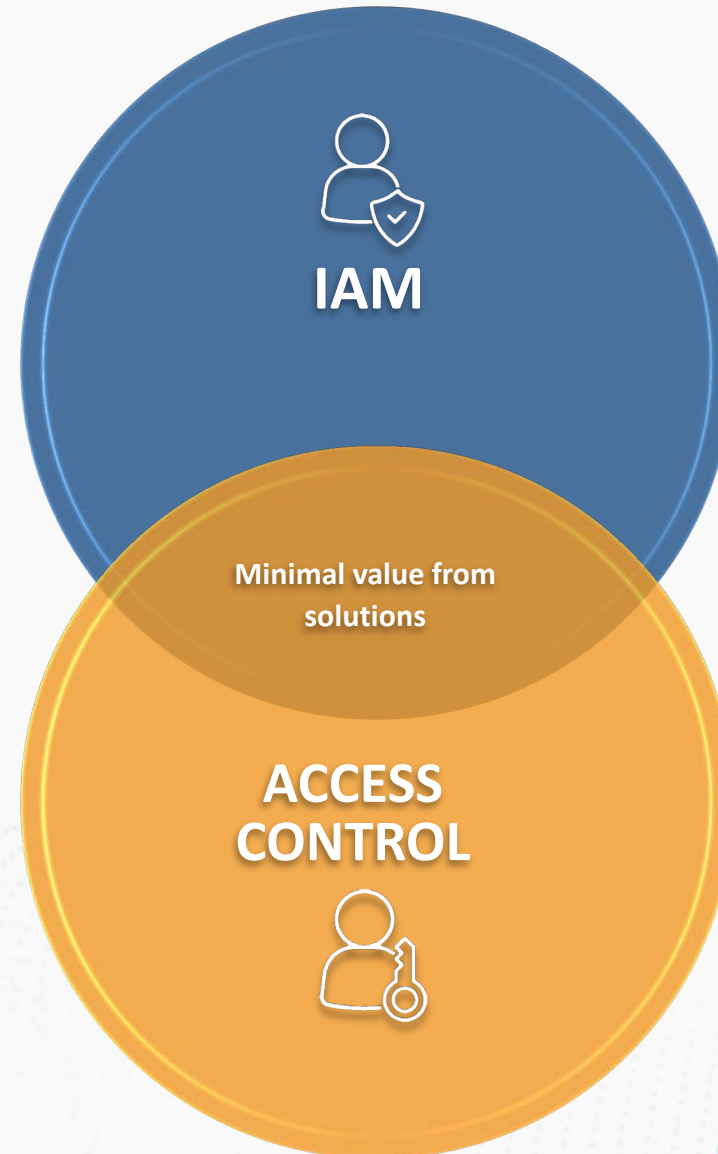
The evolution of SAP security and access control

No Access Control solution



The evolution of SAP security and access control

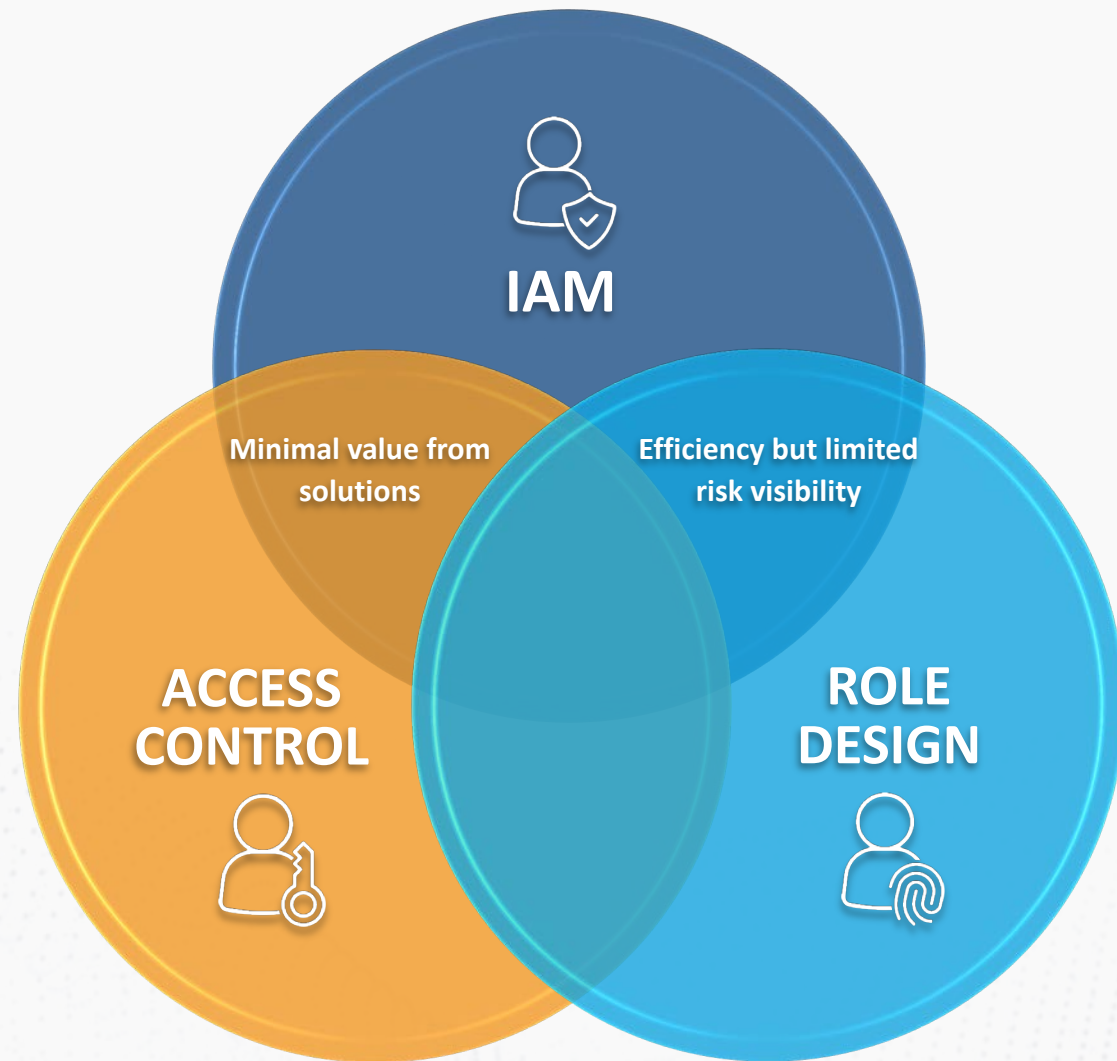
A very inappropriate SAP role design



The evolution of SAP security and access control

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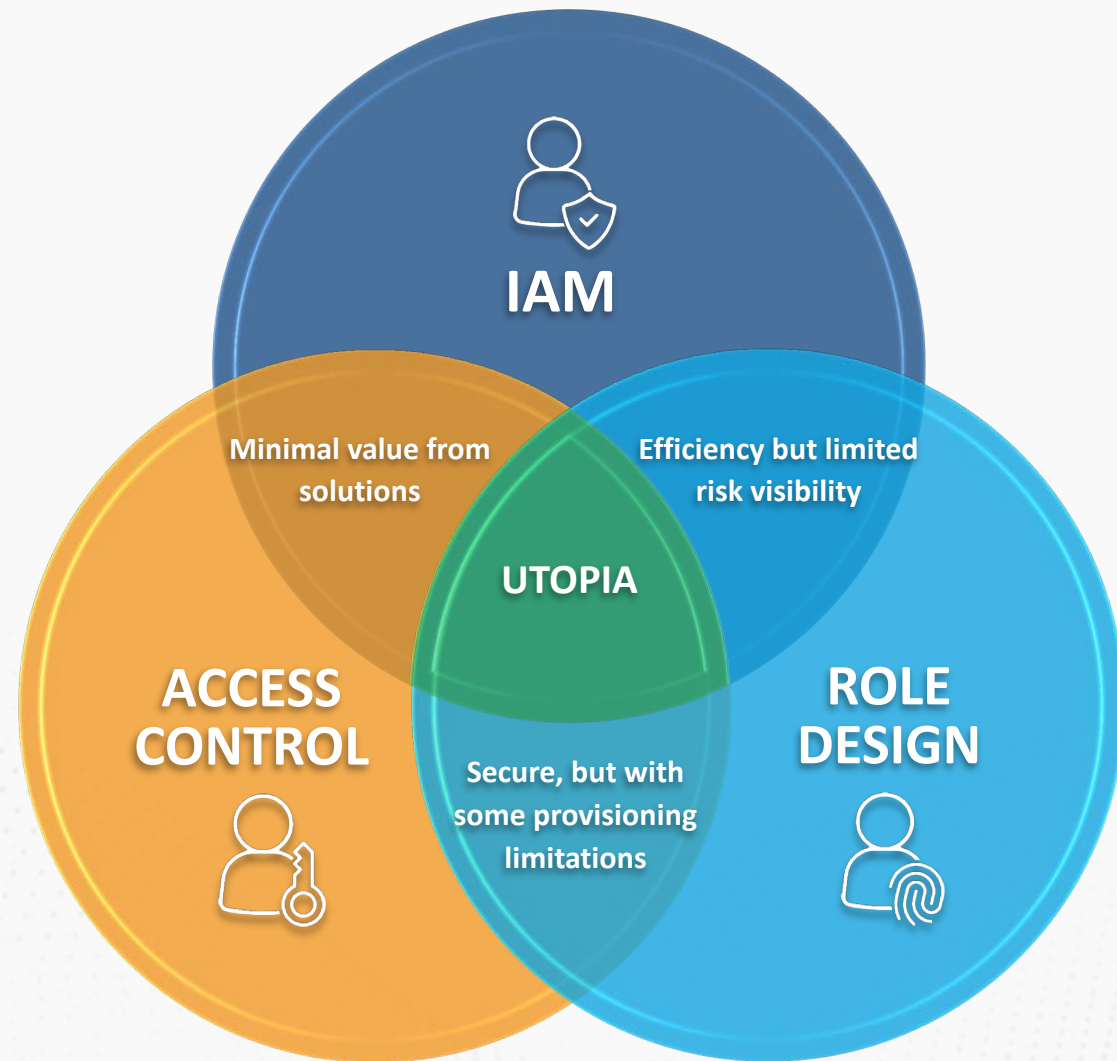
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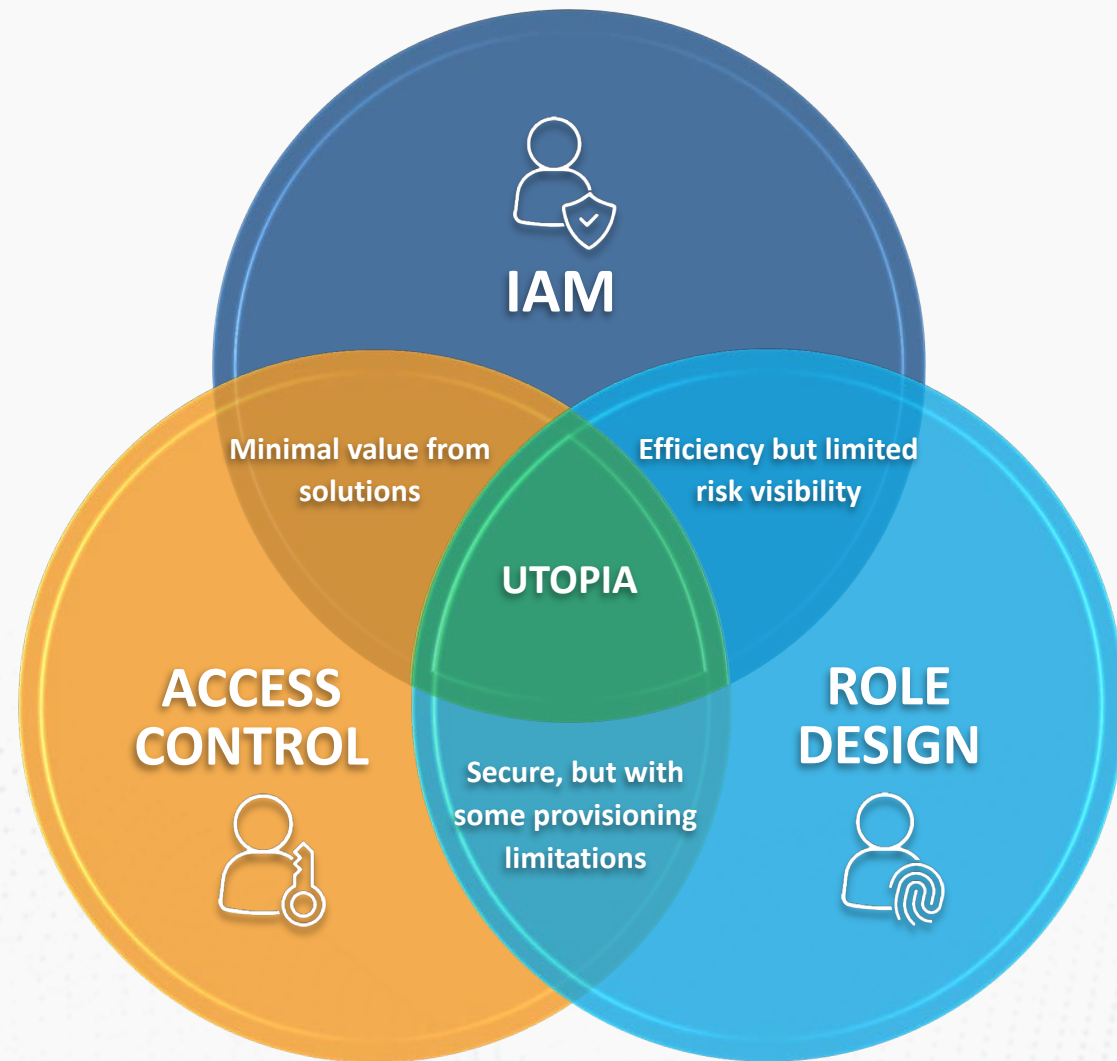
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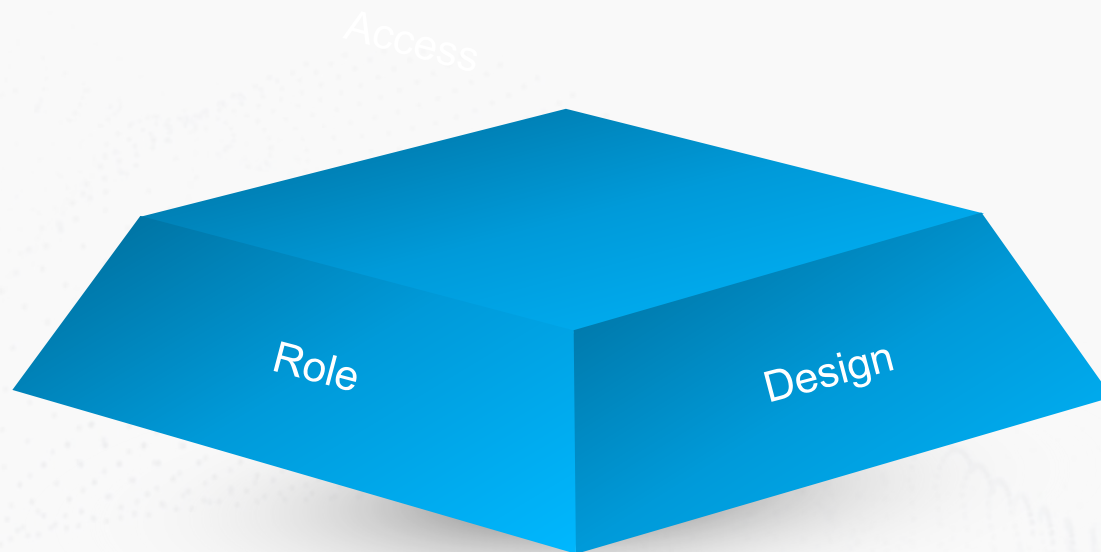
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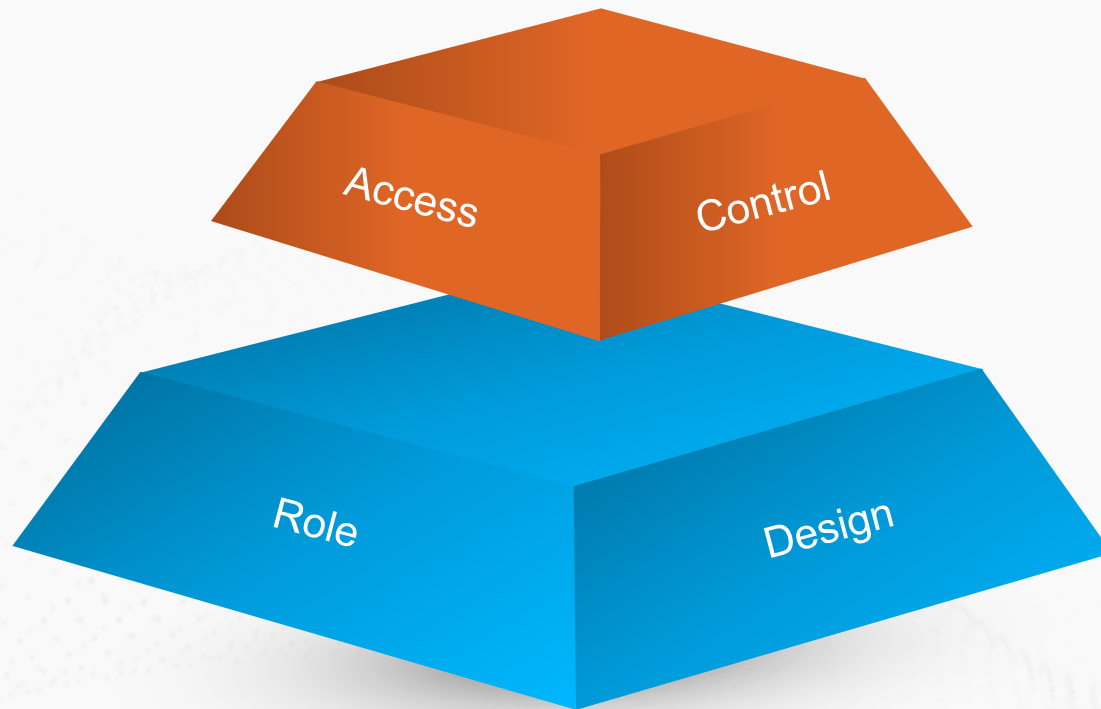
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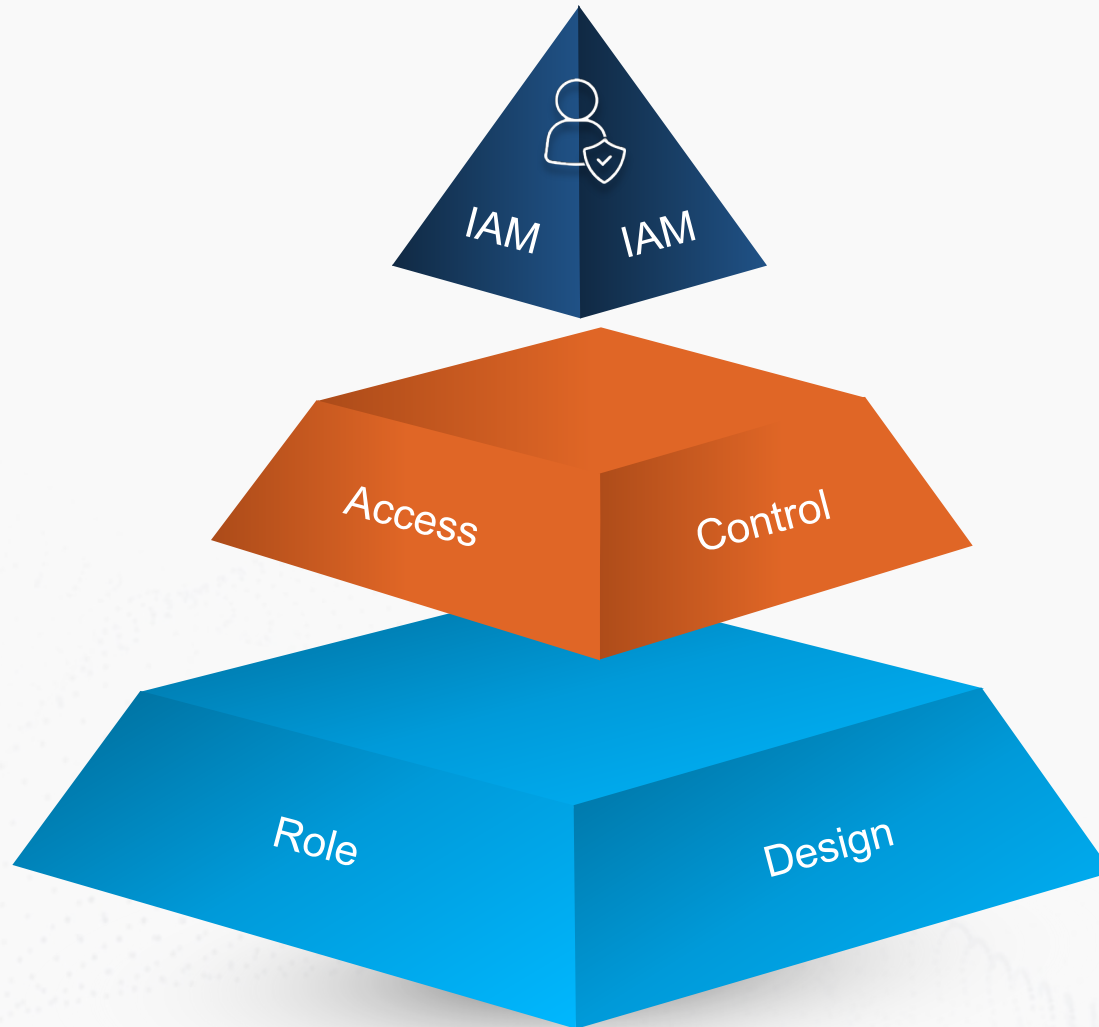
Inter-relationship between Components



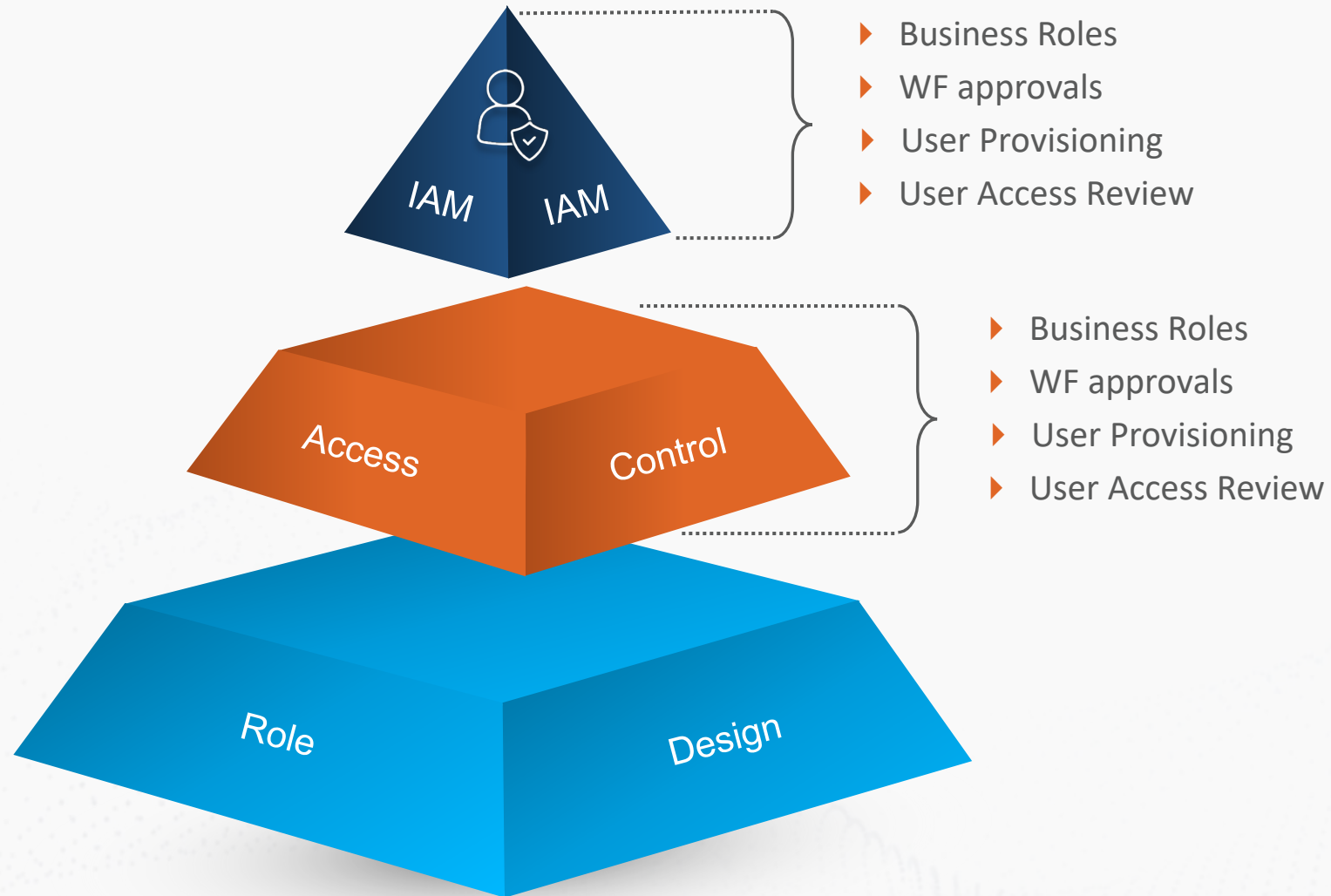
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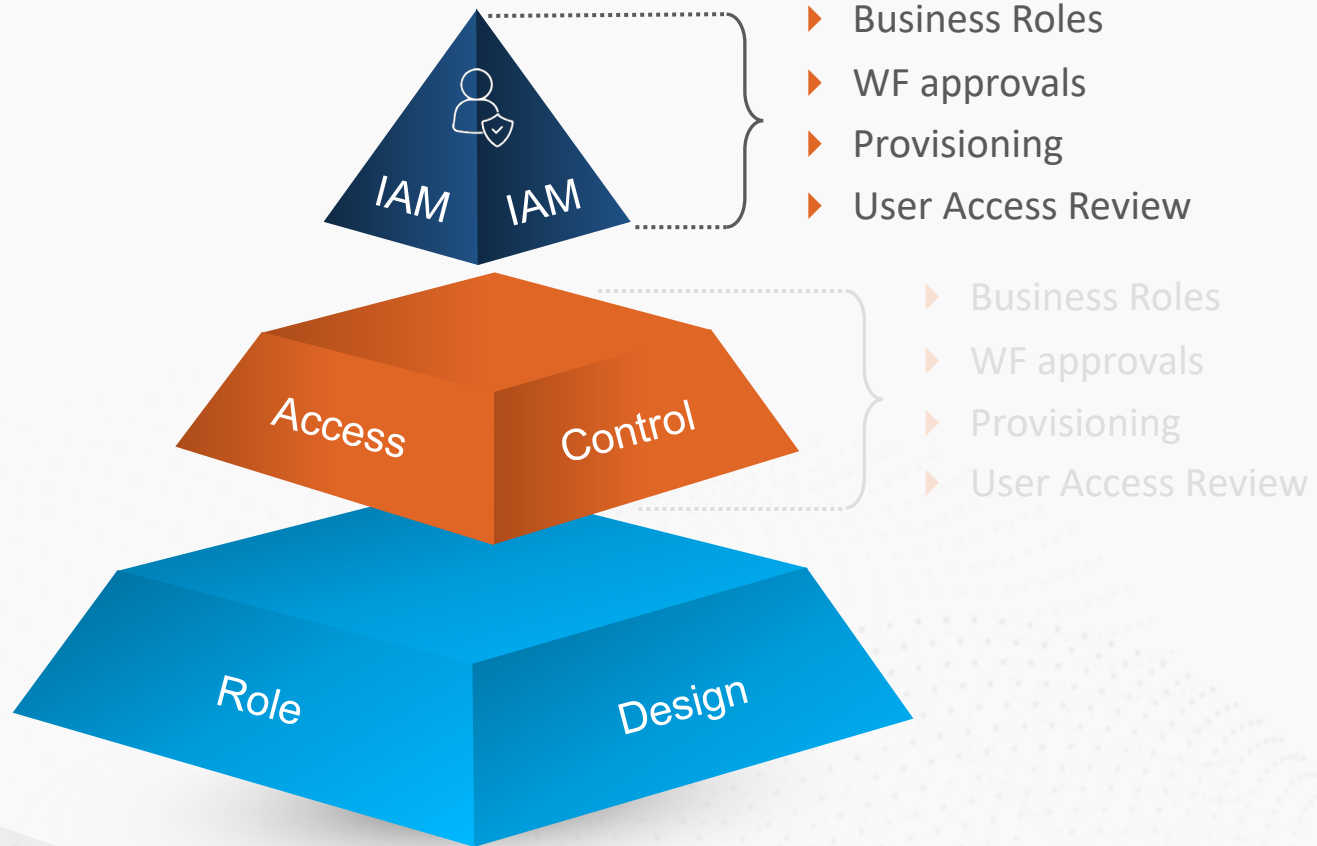
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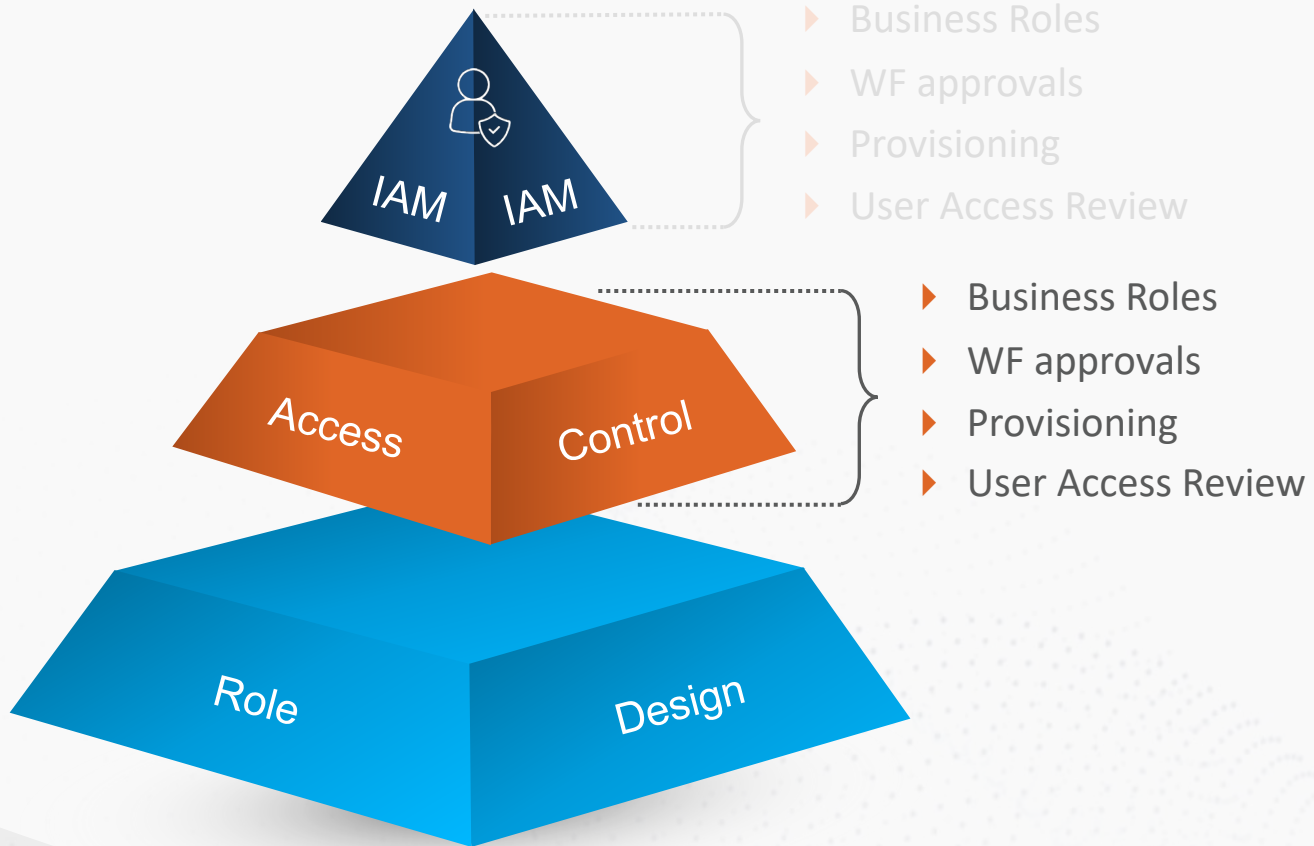
Pros:

- ▶ Great provisioning capability
- ▶ Similar look and feel

Cons:

- ▶ Limited SAP access risk capability
- ▶ Limited usage information
 - User level
 - Business Role level
 - FF Level

Inter-relationship between Components



Pros:

- ▶ Powerful SAP access risk capability
- ▶ Great usage information

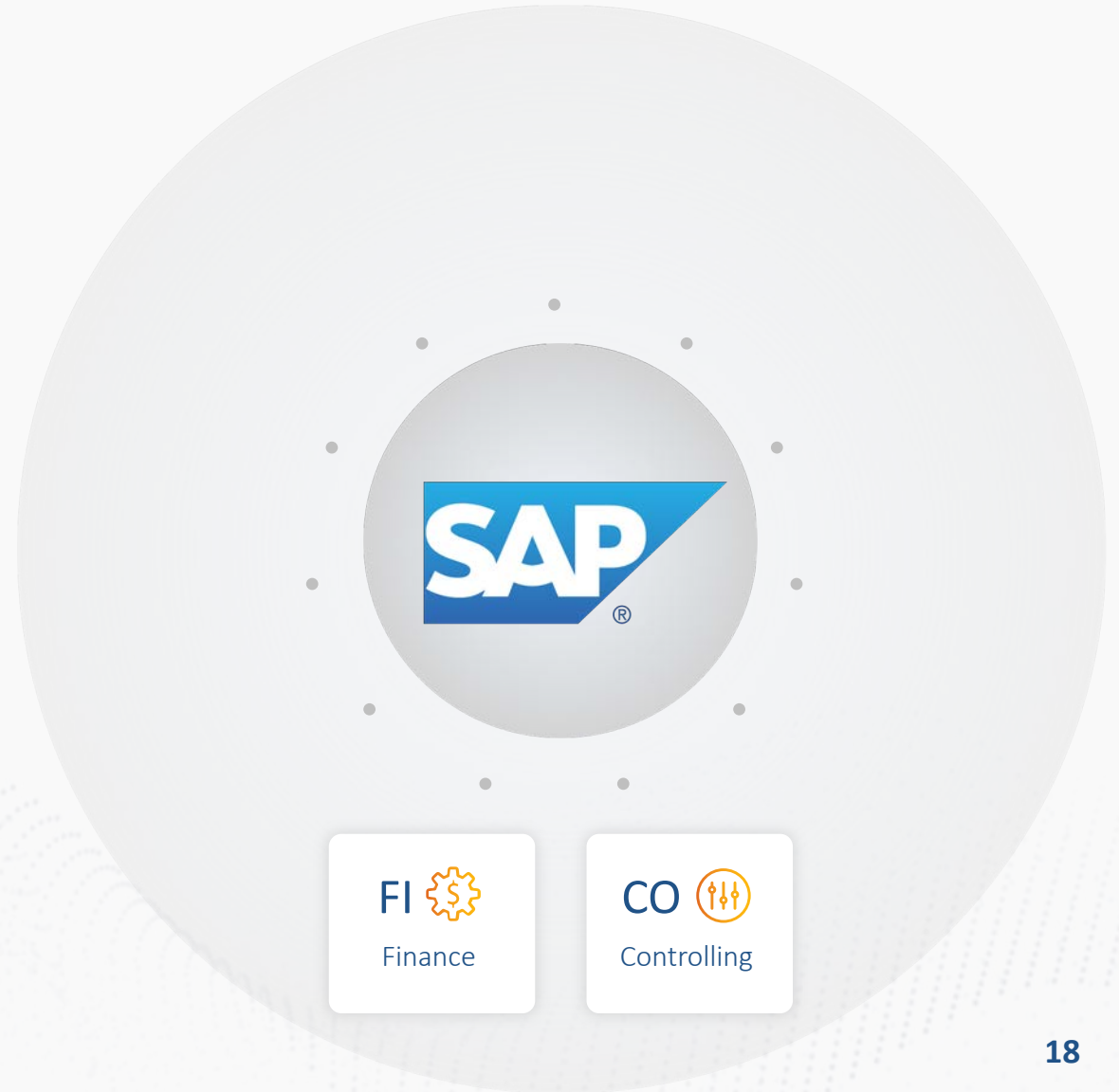
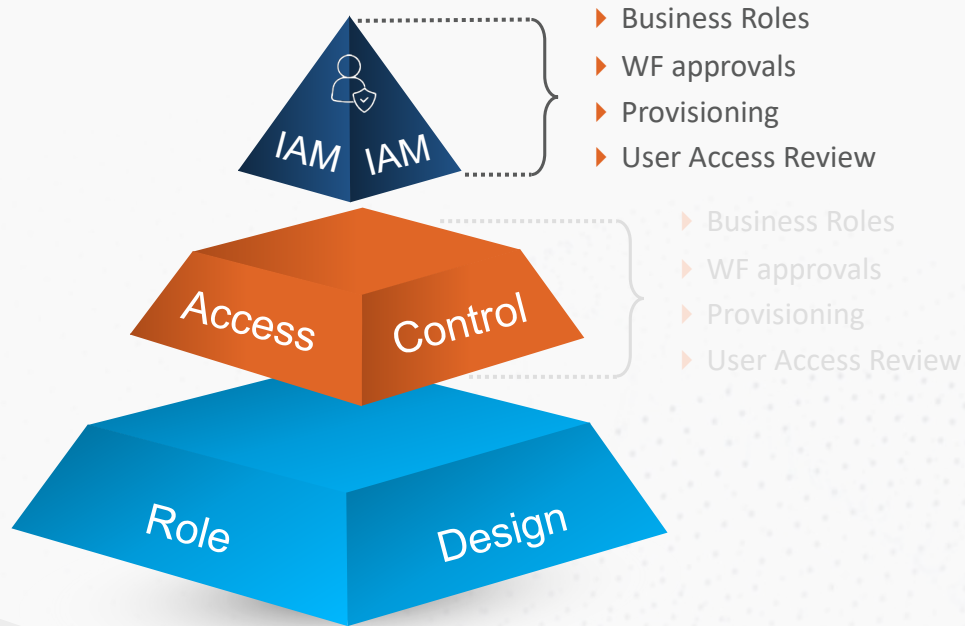
Cons:

- ▶ Limited Provisioning capability (non-SAP systems)

Provisioning Considerations

CONSIDERATION 1:

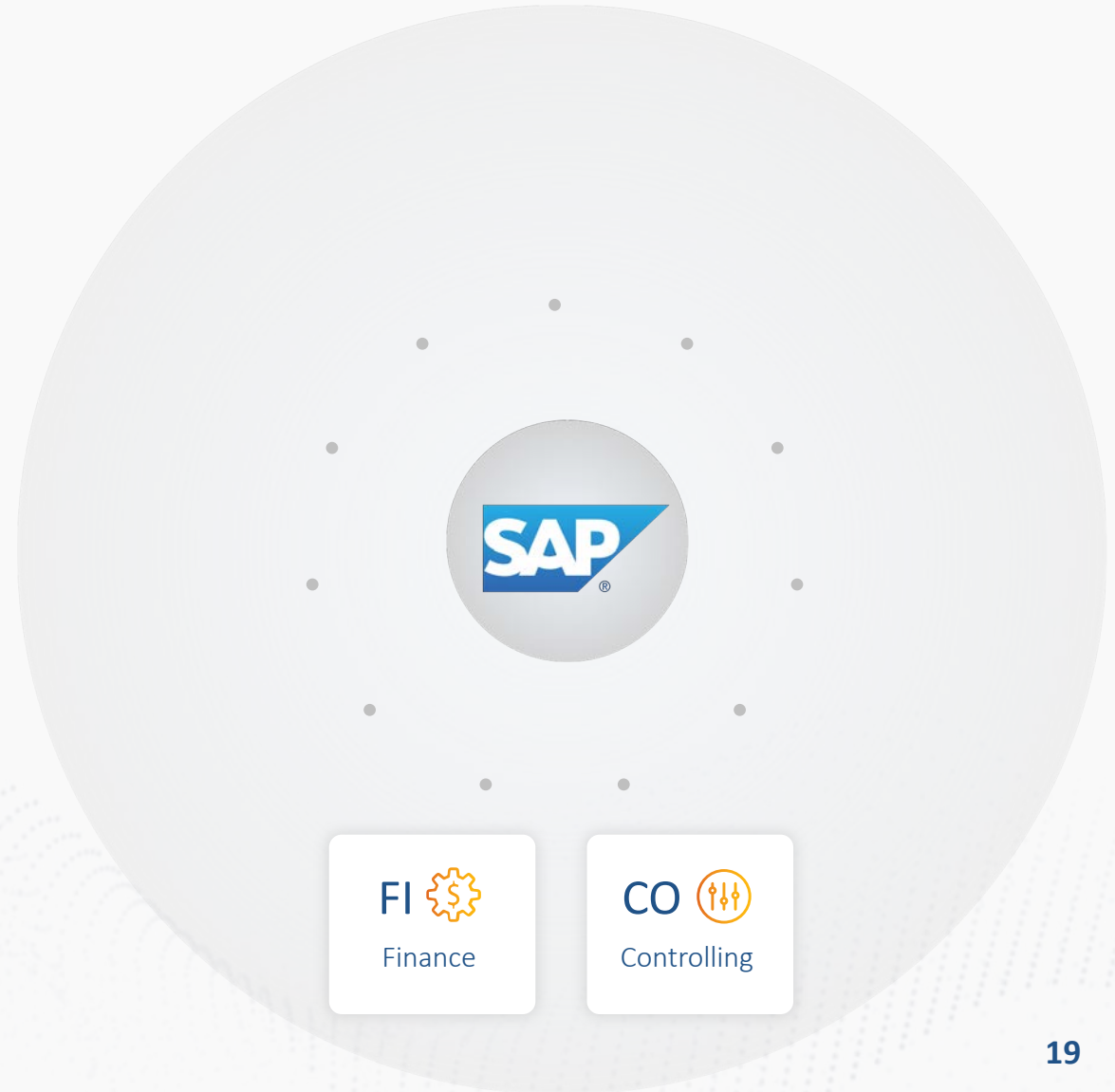
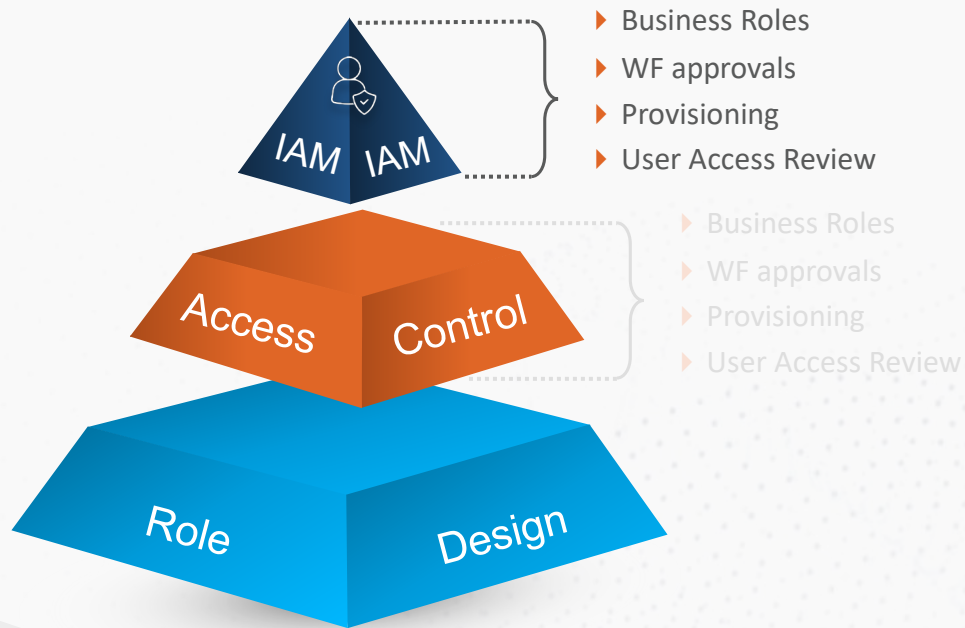
How SAP centric is your organisation?



Provisioning Considerations

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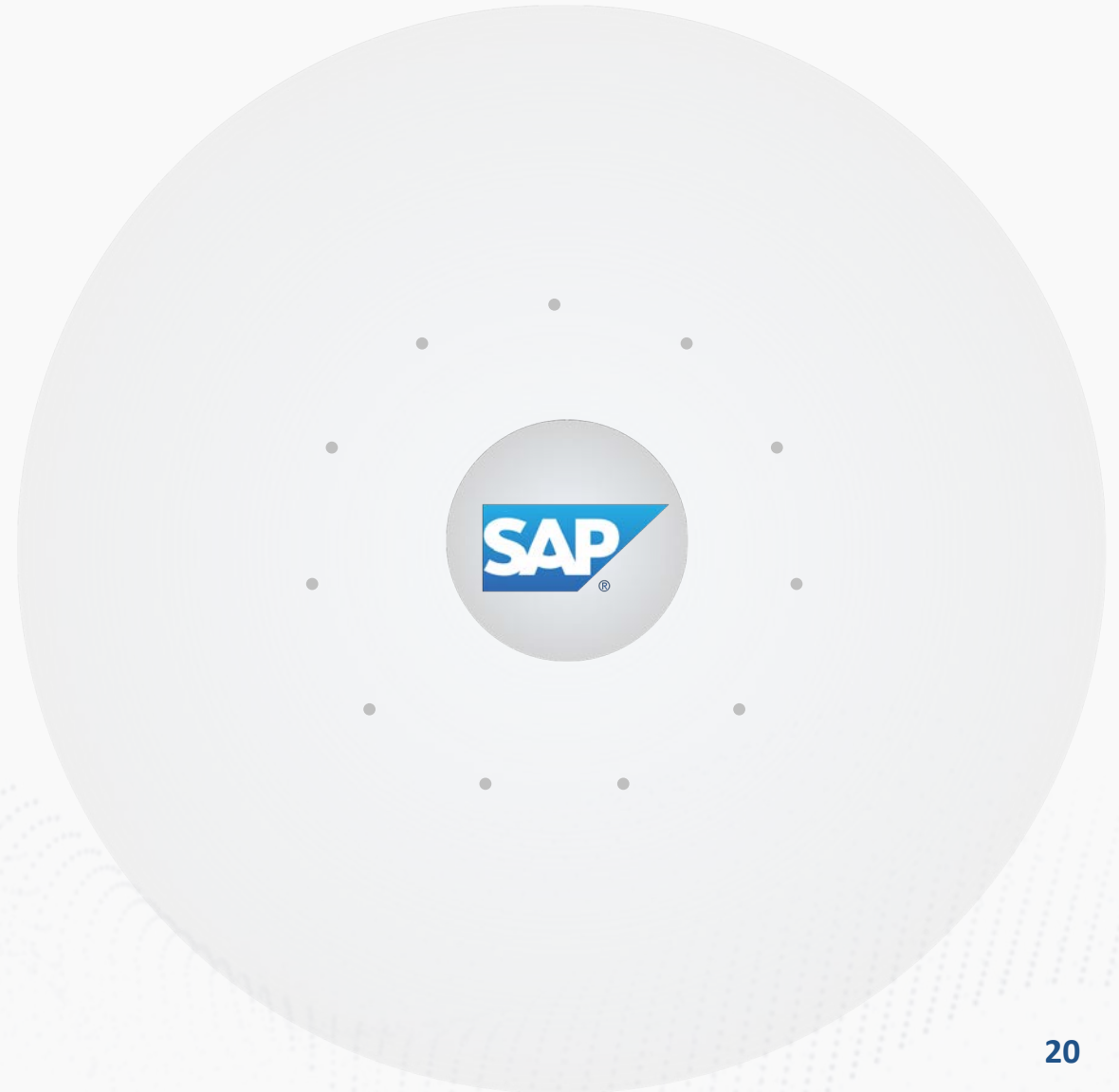
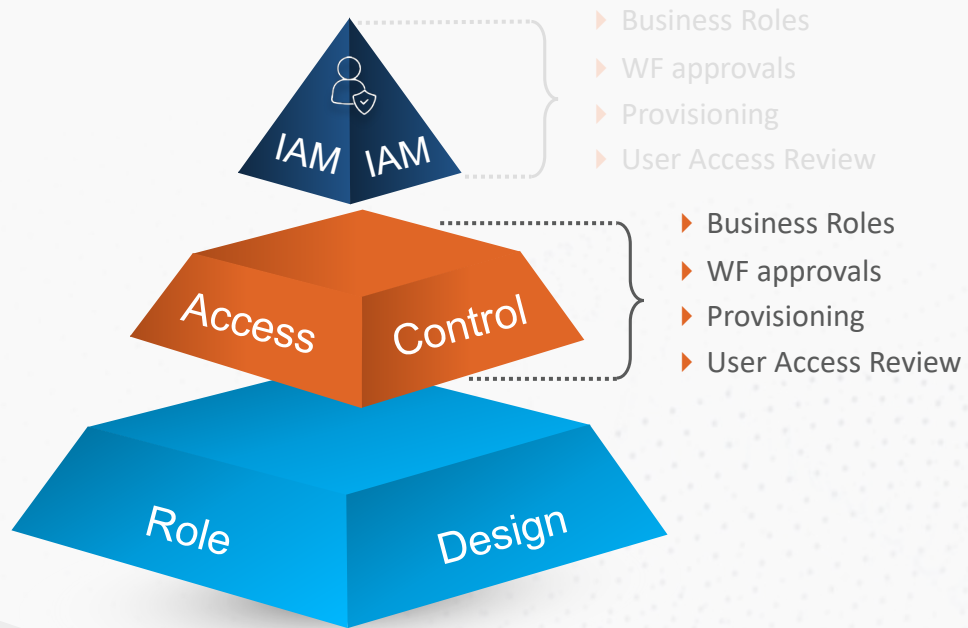
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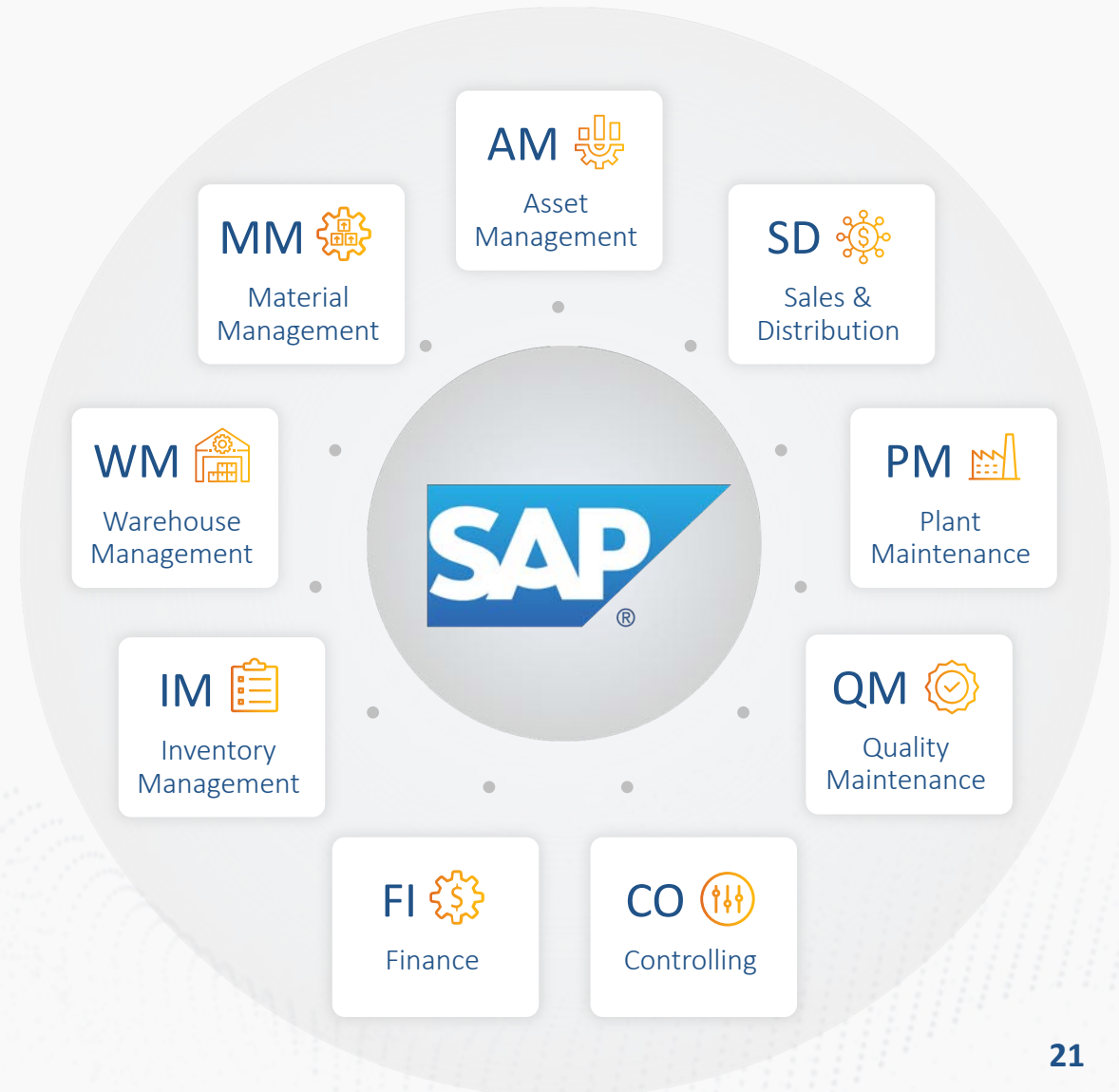
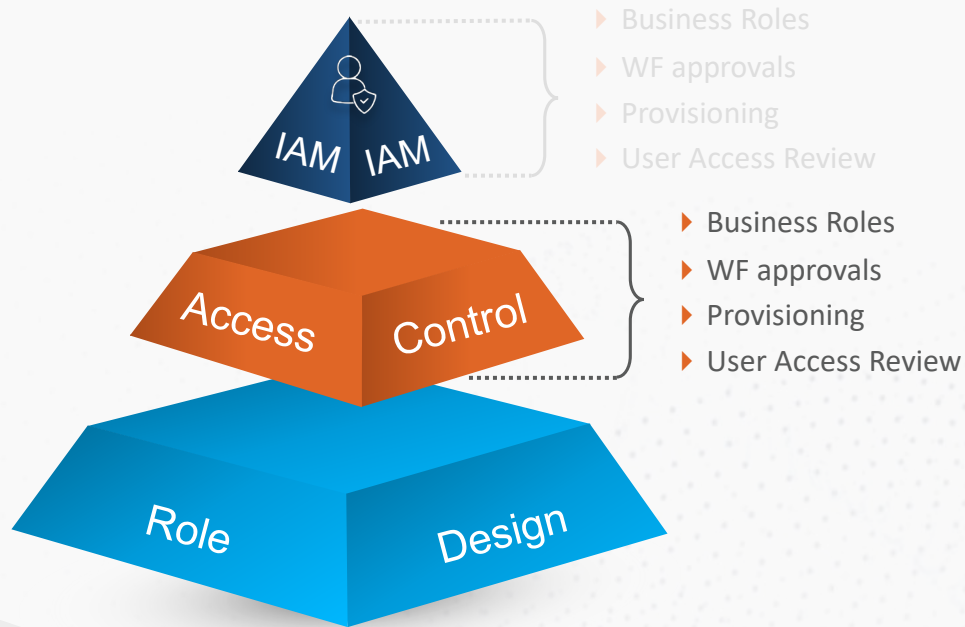
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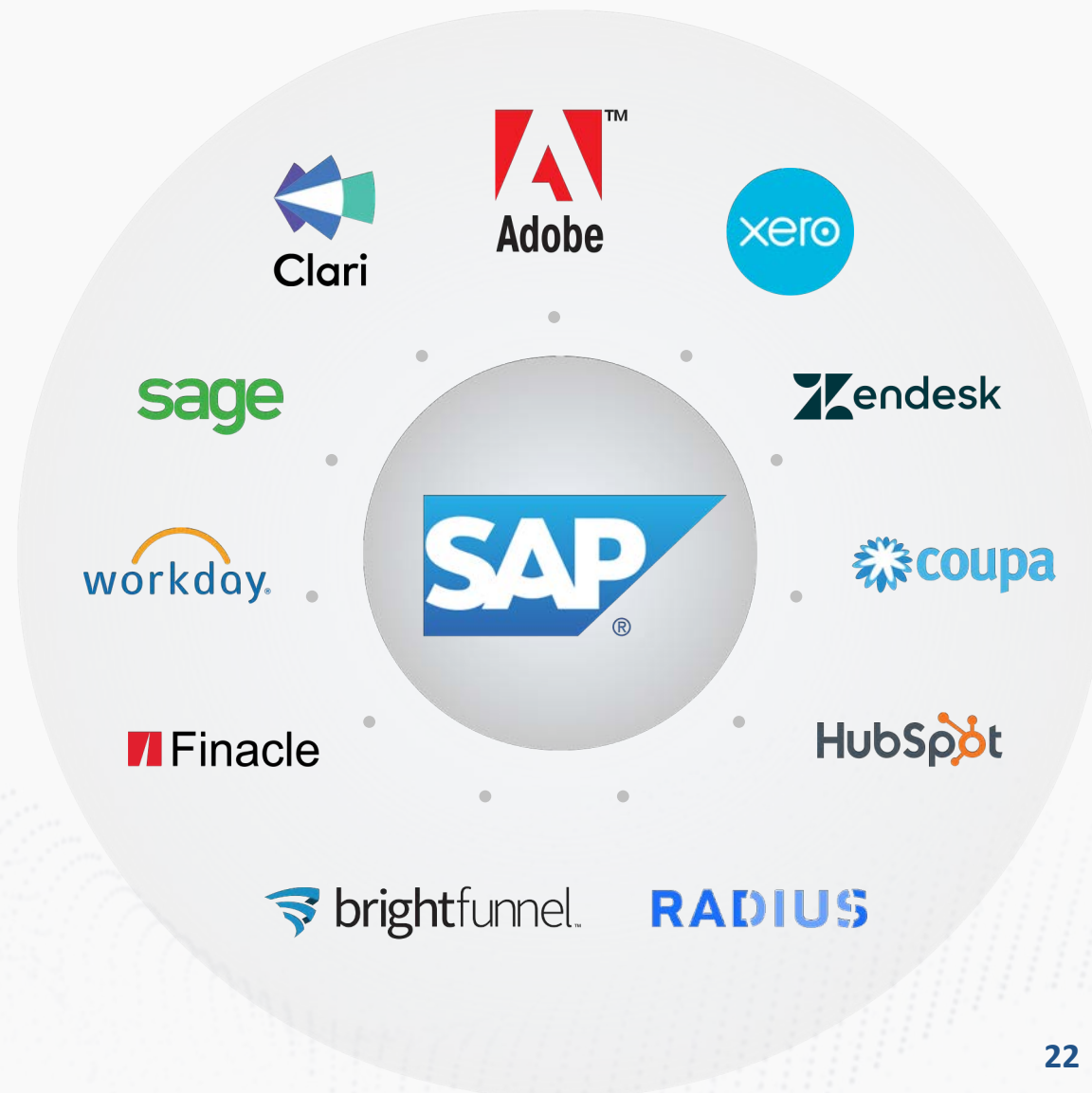
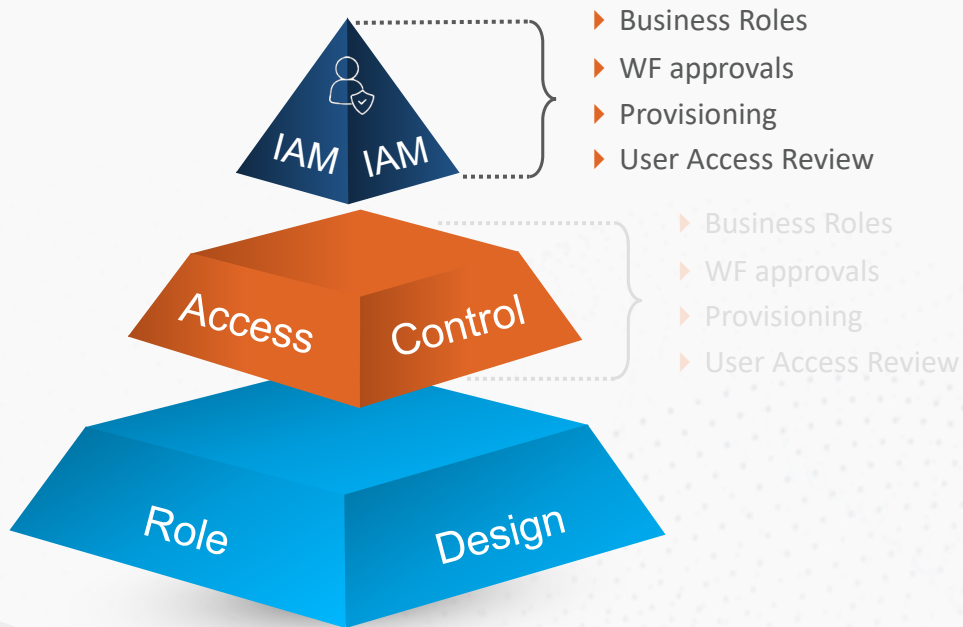
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Provisioning Considerations

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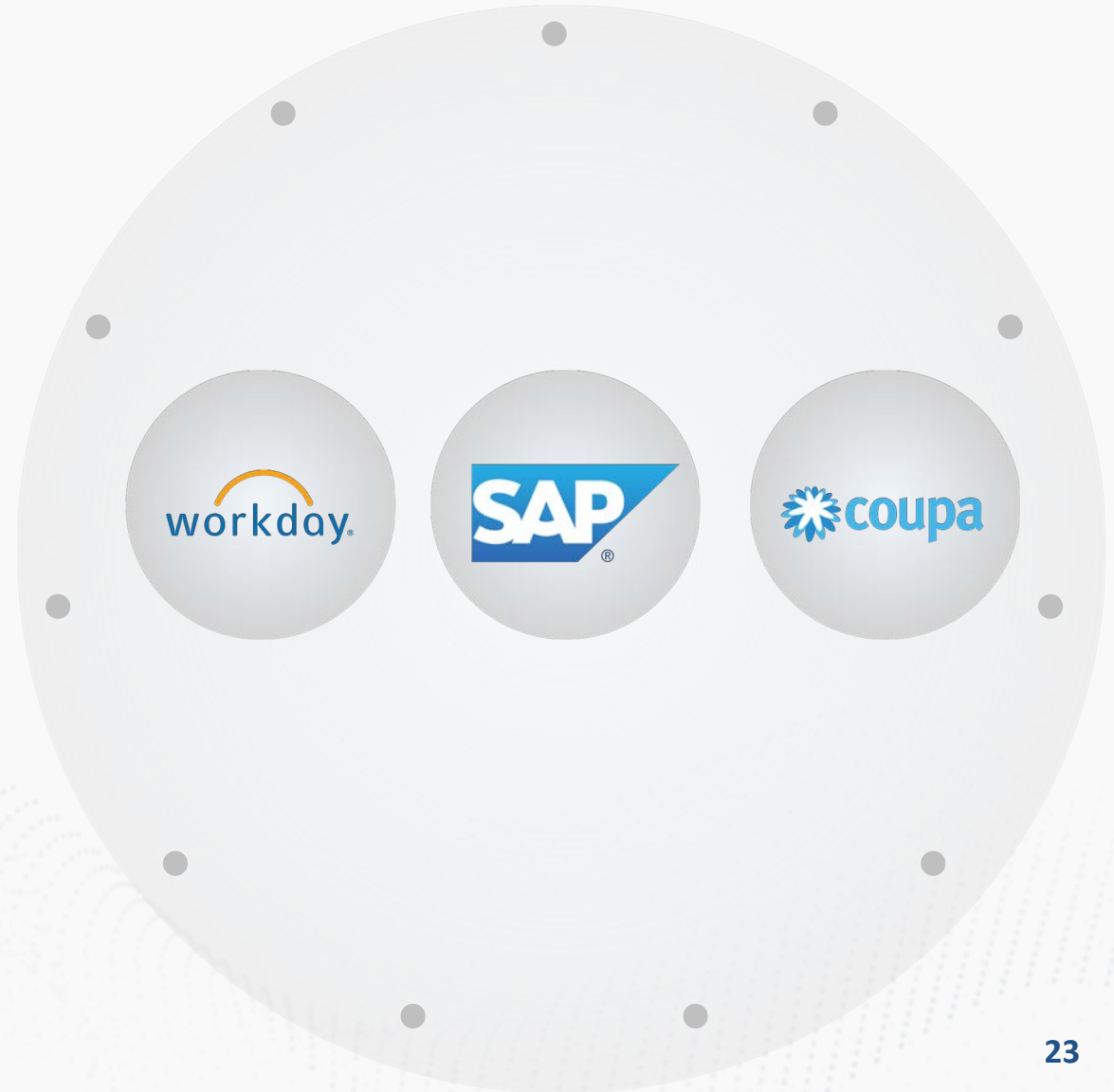
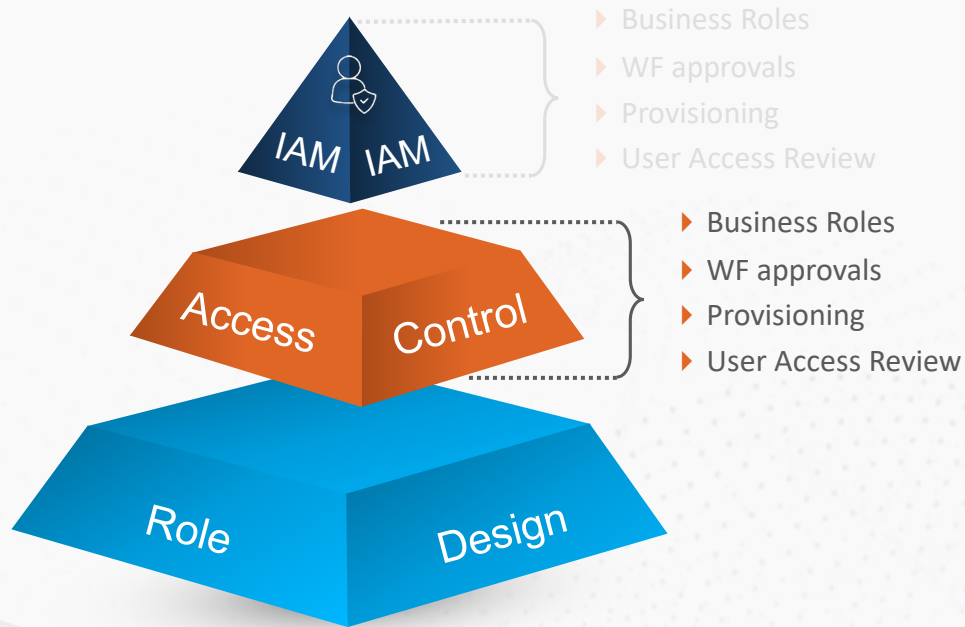
How many systems are in scope?



Provisioning Considerations

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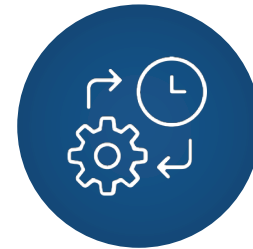
Provisioning Considerations – by business objective

CONSIDERATION 3:

How important are the GRC/IAM Business Objectives to your Organisation?

GRC Business Objectives:

- ▶ Secure SAP Solution
- ▶ Improve Efficiencies
- ▶ Standardisation
- ▶ Enhance business accountability of risk



Risk

VS



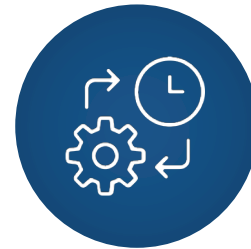
Reward

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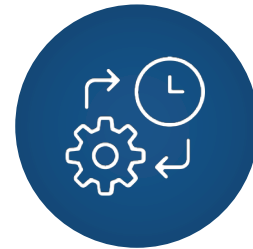
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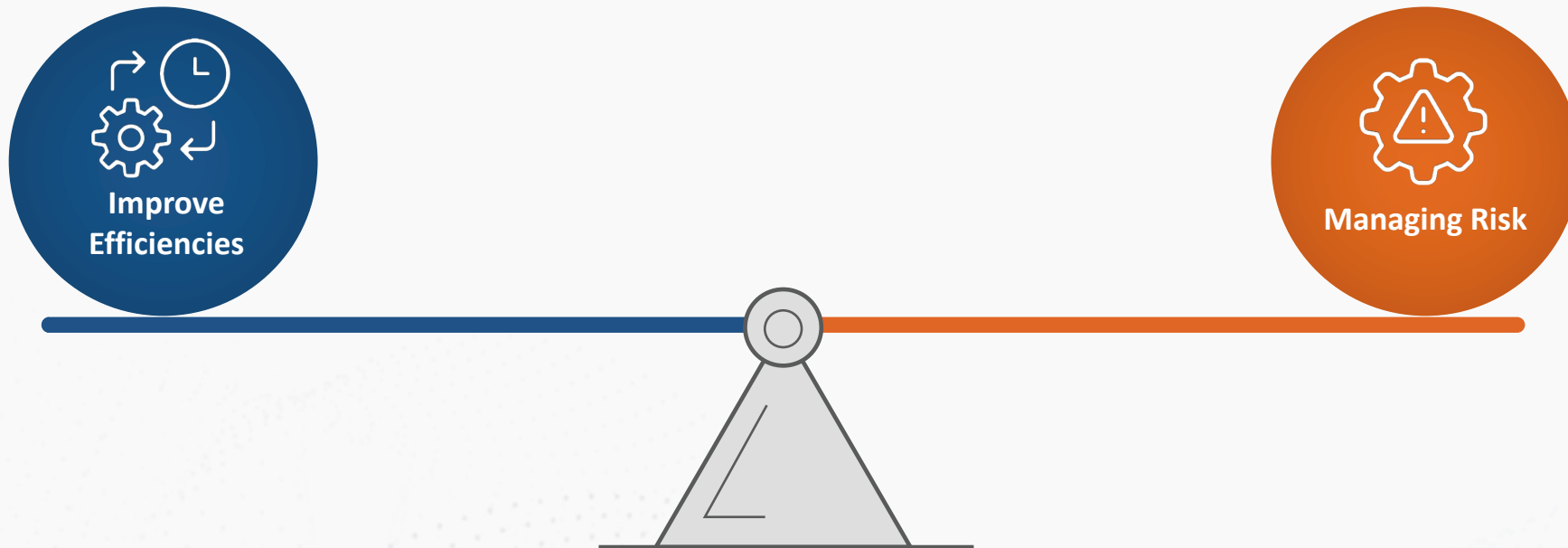
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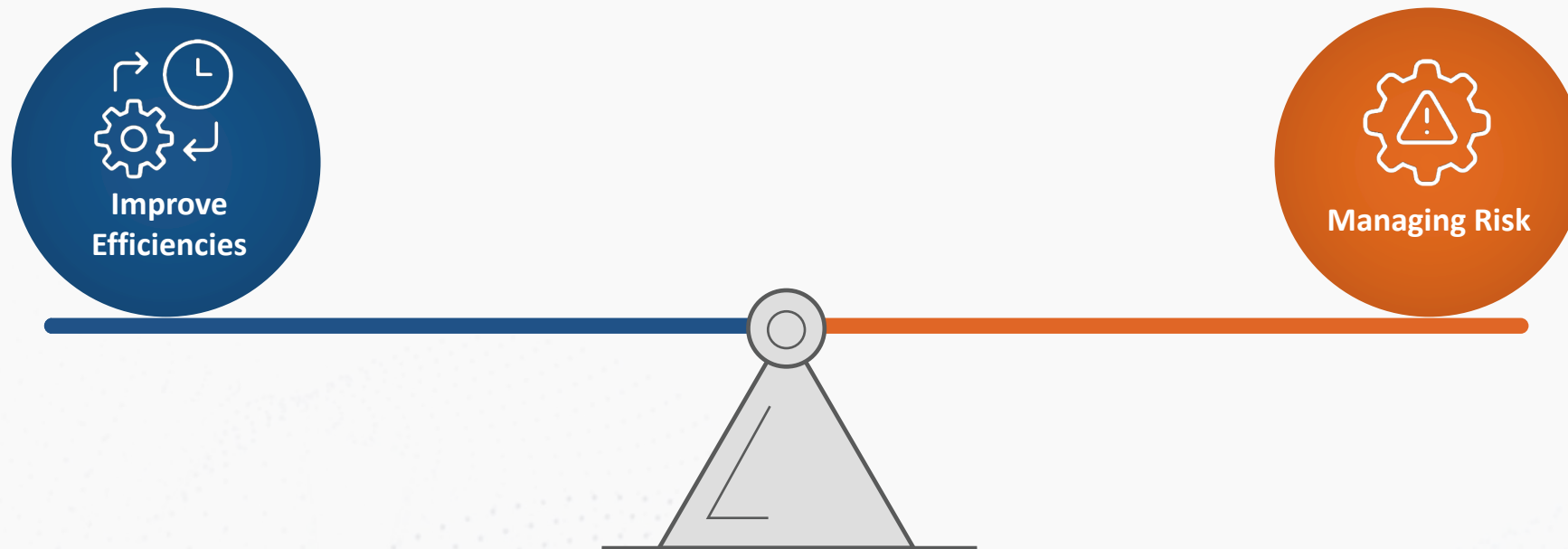
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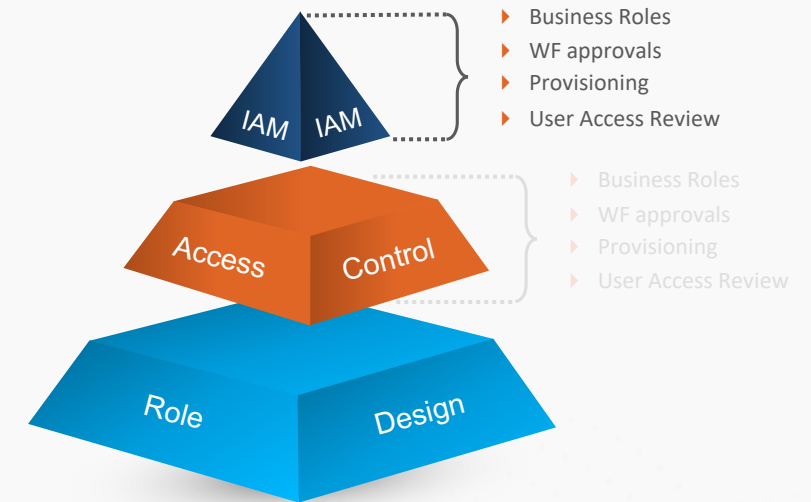
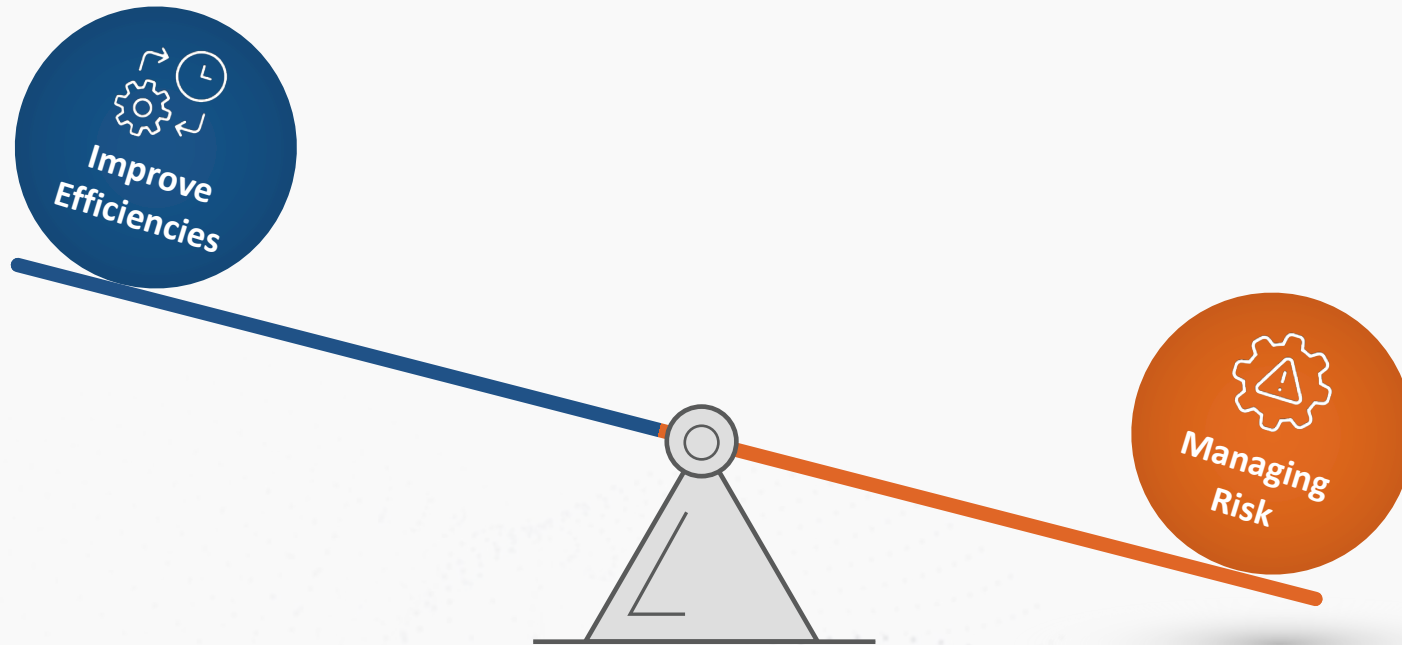
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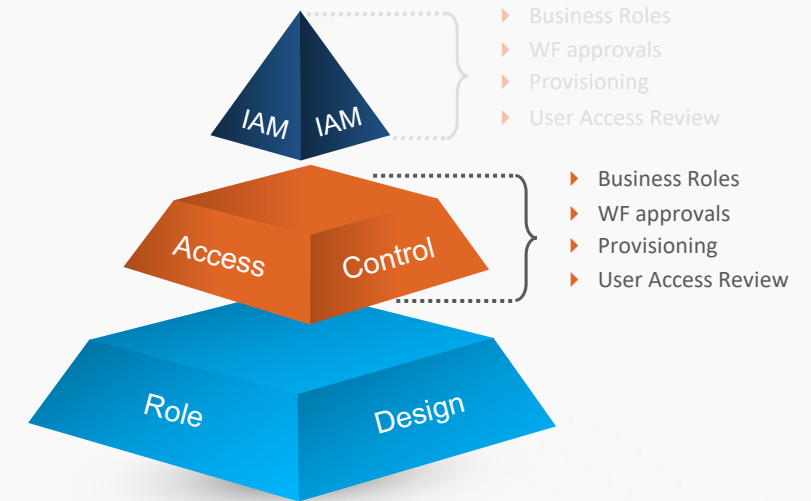
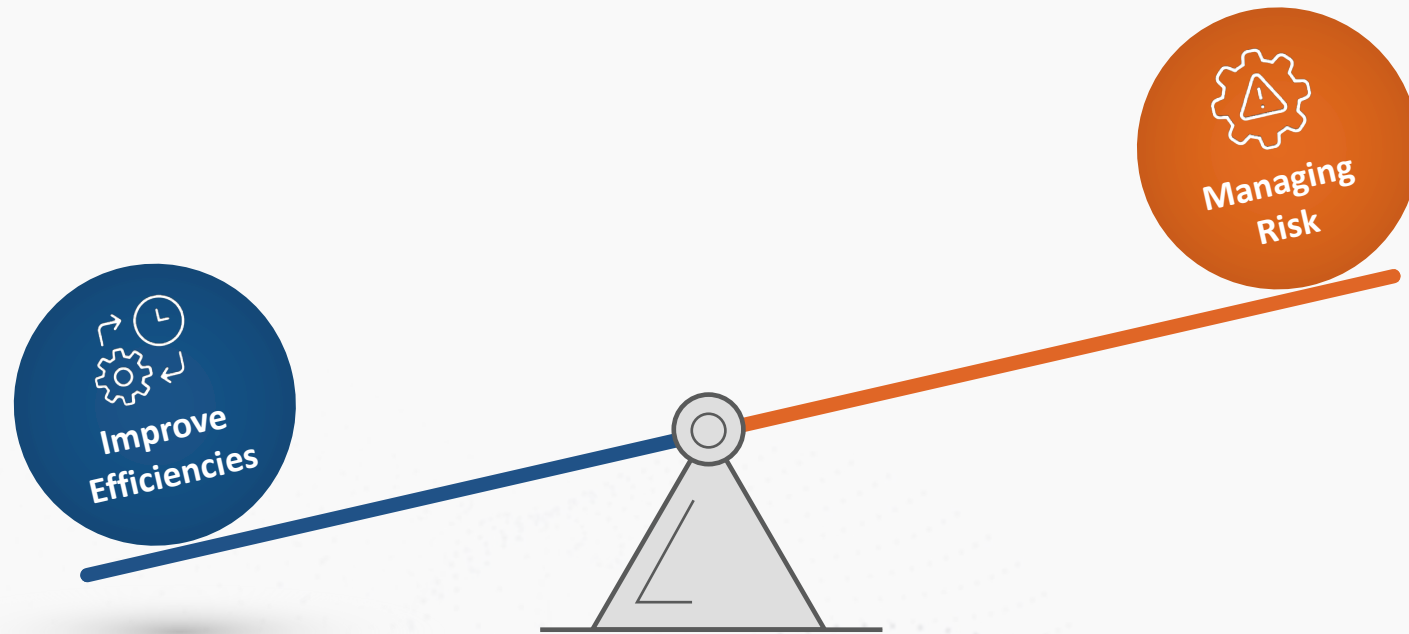
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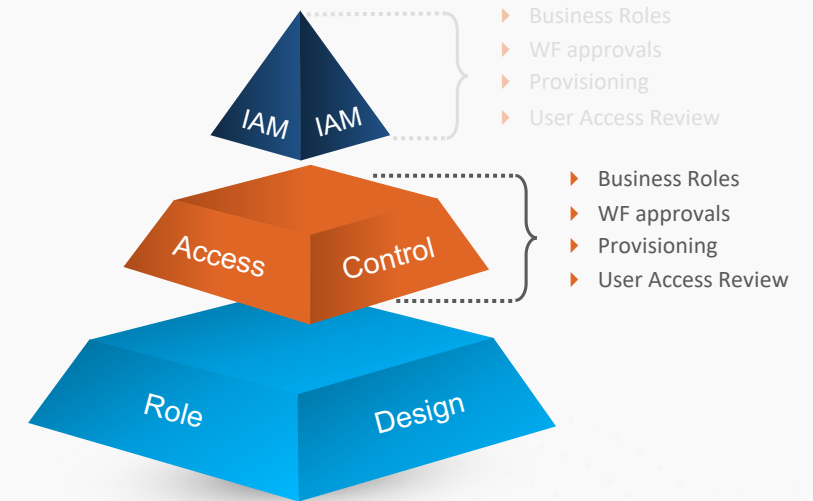
When does it make sense to provision by IAM



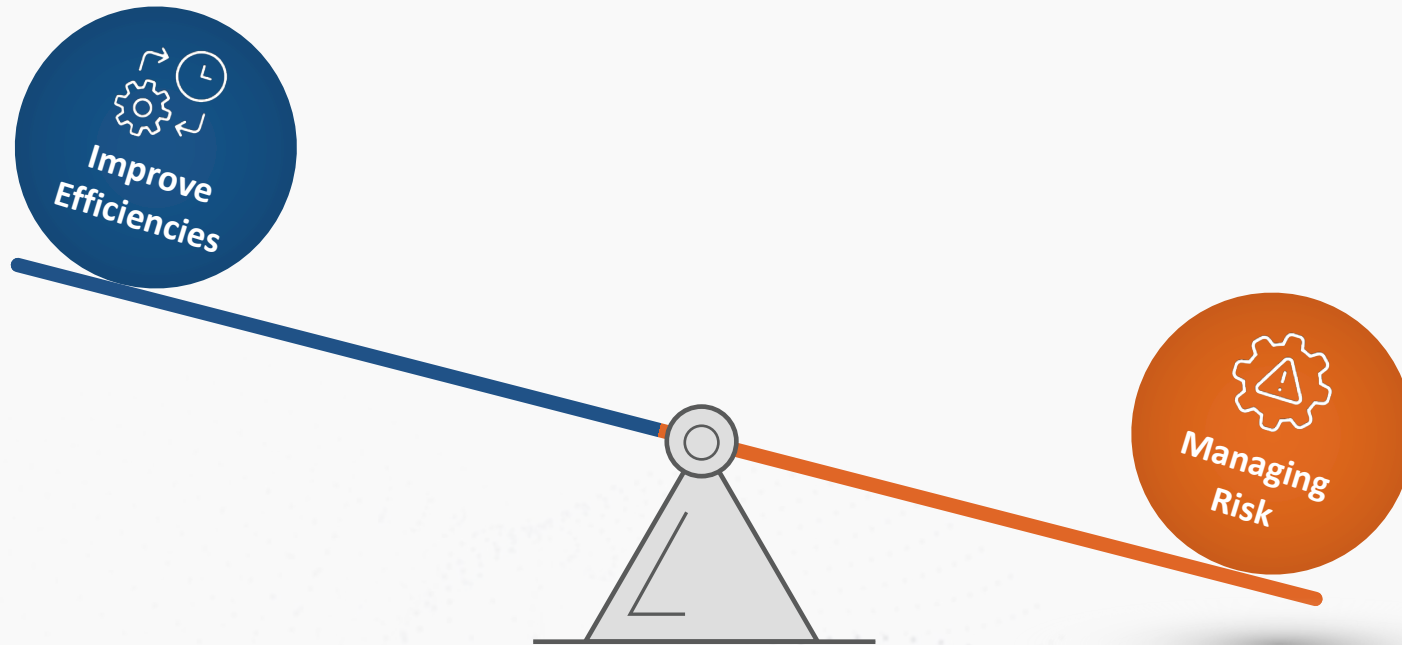
When does it make sense to provision by GRC



What happens when both business objectives are important?



The difficult way

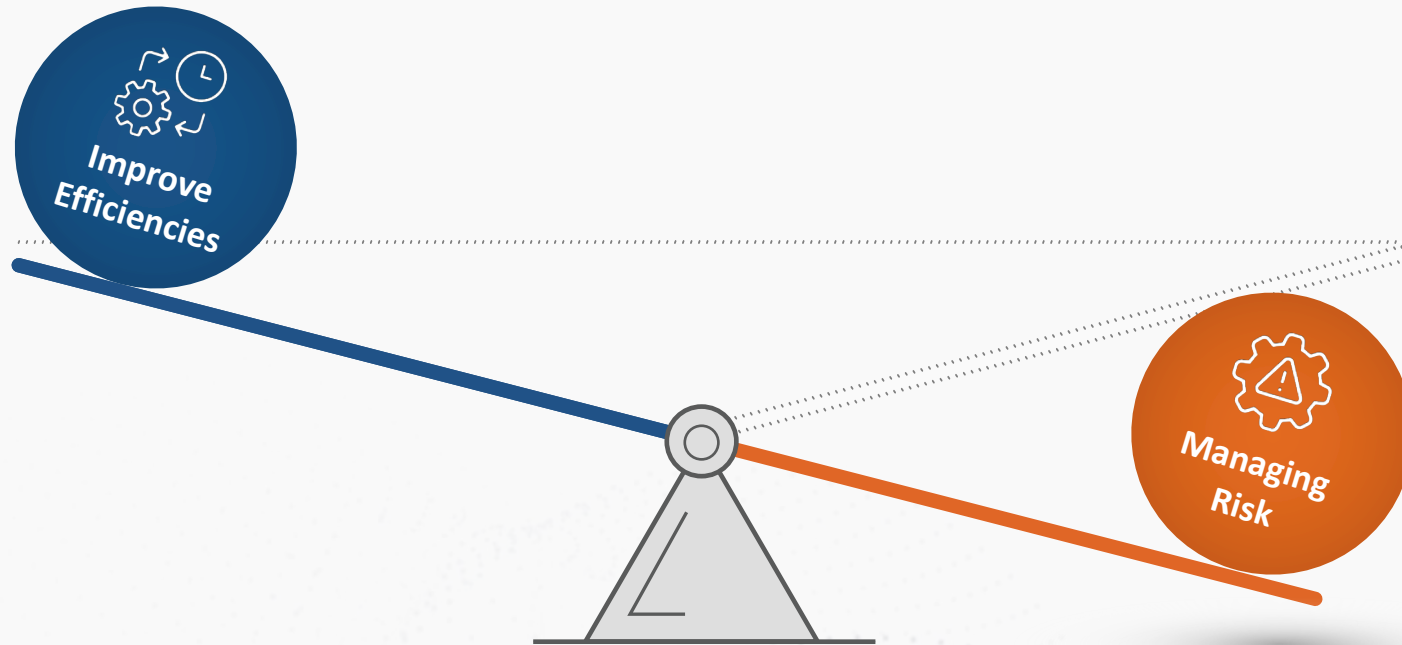


SCENARIO 1:

Chasing efficiencies before managing risk

- ▶ Dependent on the cleanliness/accuracy of the HR job functions
- ▶ No usage data in IAM
- ▶ No detailed risk analysis at the Business Role in IAM
- ▶ User Access Reviews but no
 - Rule set reviews
 - Mitigating control reviews
- ▶ Complexity of SAP Security
 - S4HANA

The difficult way

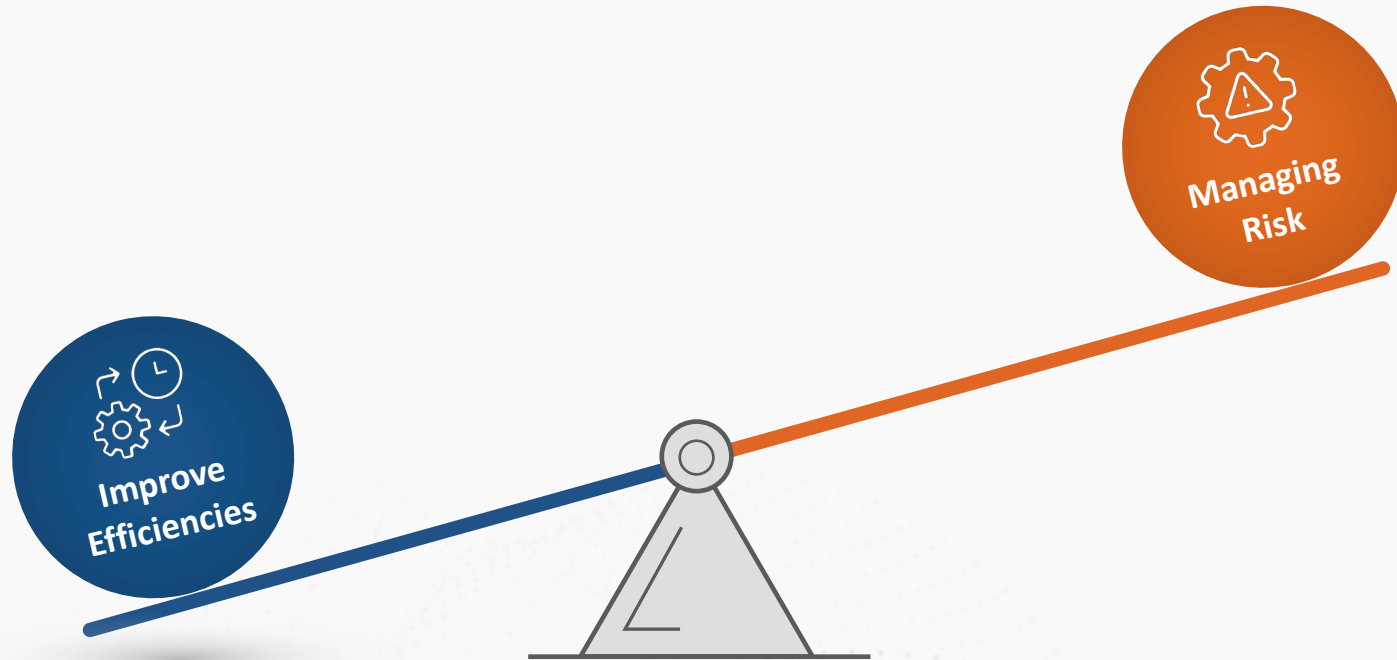


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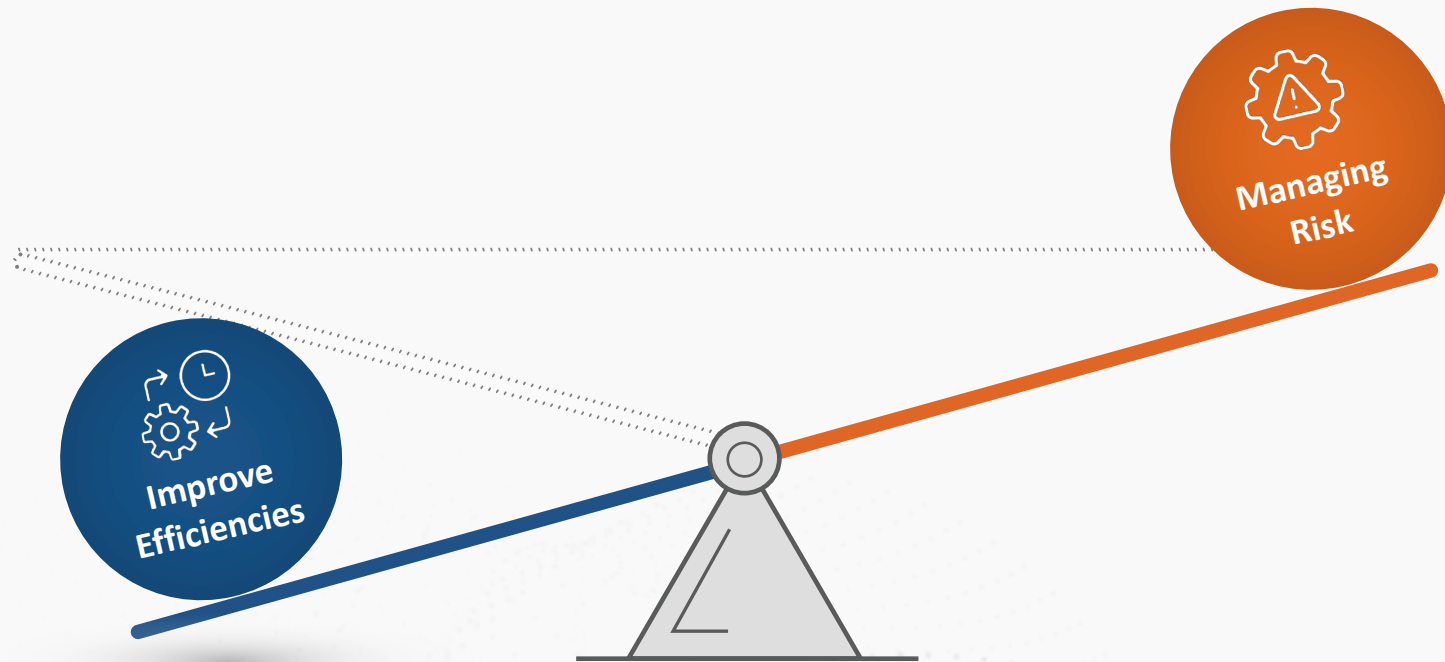
The better way



SCENARIO 2: Managing risk before chasing efficiencies

- ▶ Security by design
 - SAP role design forms the foundation
 - Complexity of SAP Security
- ▶ Usage data from Business Role re-engineering
- ▶ Look for efficiencies in other areas
 - Compliance tasks (e.g. User Access Review)

The difficult way



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Demo

GRC/IAM Maturity Roadmap

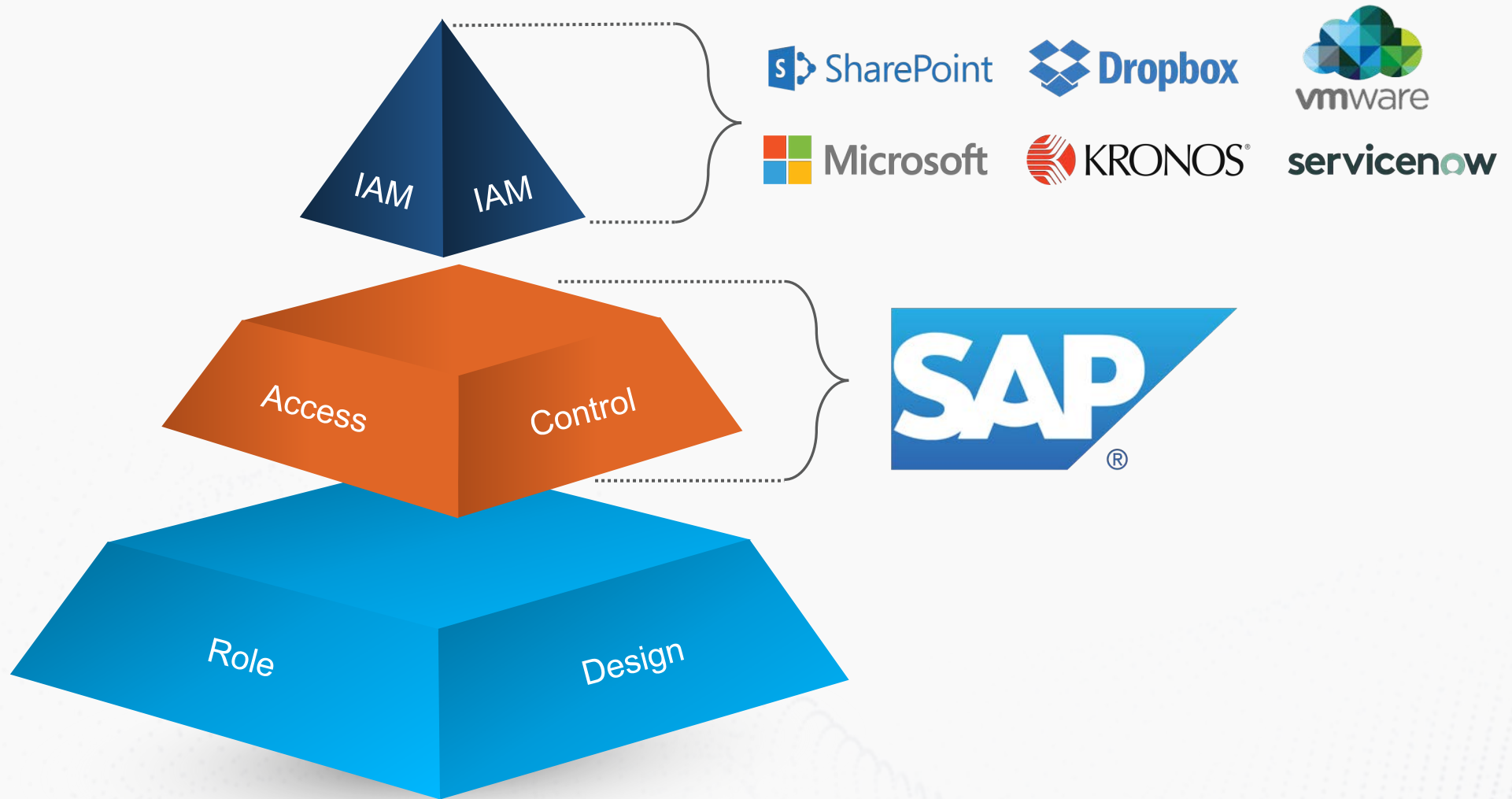
Start with security and not efficiency (not the other way round).



Challenges and Considerations:

- ▶ Authorisation Creep – user’s access is constantly changing.
- ▶ HR Data Cleanliness
- ▶ The more integrations, the more things can break
 - Available resources (IAM / GRC)
 - On-going support costs of heavily integrated solutions
- ▶ CIO would like end users to perform all functions in the one (IAM) solution
 - Duplication / synchronisation of data between the solutions
 - User Experience (look and feel) vs User Experience (difficult compliance tasks). What is the cost of this?
- ▶ Cyber vs Risk – which dept owns this function?
- ▶ Customising vs out the box functionality
 - Support = customer’s problem vs vendor’s problem

Hybrid Approach



Takeaways



Start with security (foundation) – by design

- ▶ Look for efficiencies once you have embedded security



For very complex environments, IAM solutions can add significant value.

- ▶ For less complex environments, see if you can achieve the desired result with an access control / GRC solution

Thank you

Contacts



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- ▶ emile.steyn@soterion.com
- ▶ +31 61 105 6891



Book a meeting or demo
by scanning the QR code:

