Securing SAP S/4 HANA guide

Illustrated by the Animalcare/Ecuphar Implementation

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ANIMALCARE GROUP PLC

THE BEST RUN SAP

Agenda

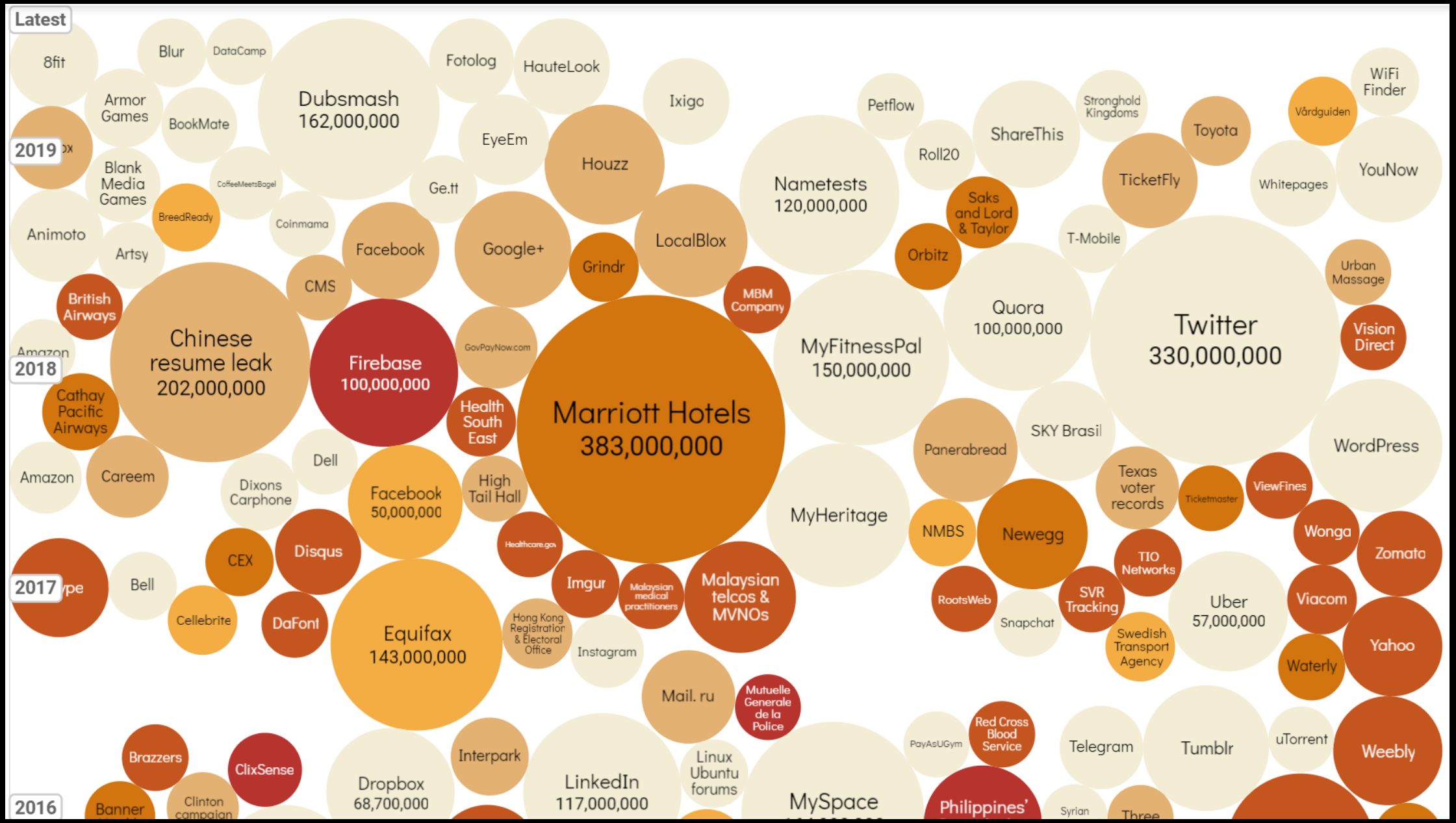
Introduction

Optimal Time to Secure Your S/4HANA

Security: Apply Best Practices

Integrated Conceptual Approach

Introduction



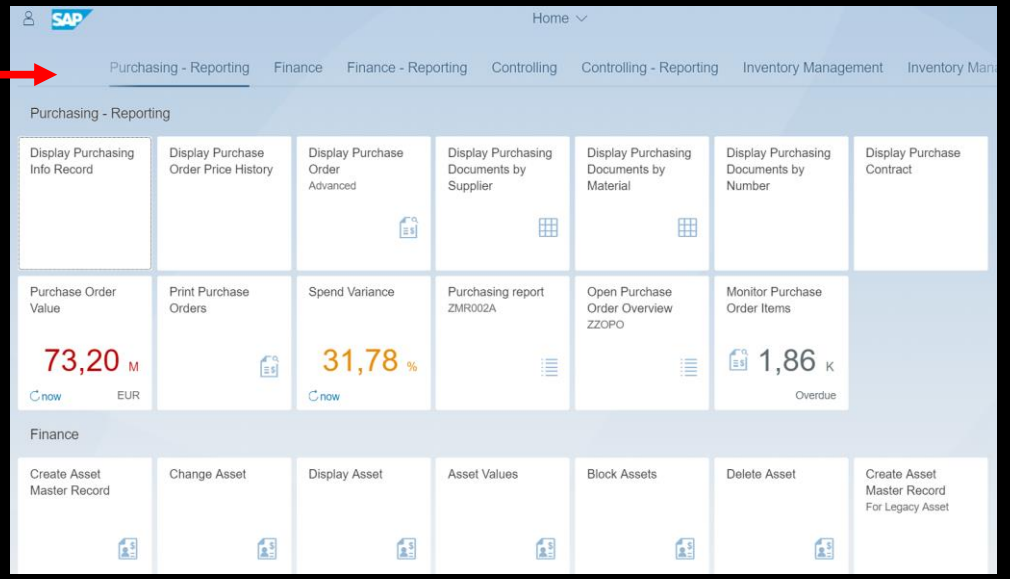
Source: https://www.informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks/

The AnimalCare / Ecuphar case

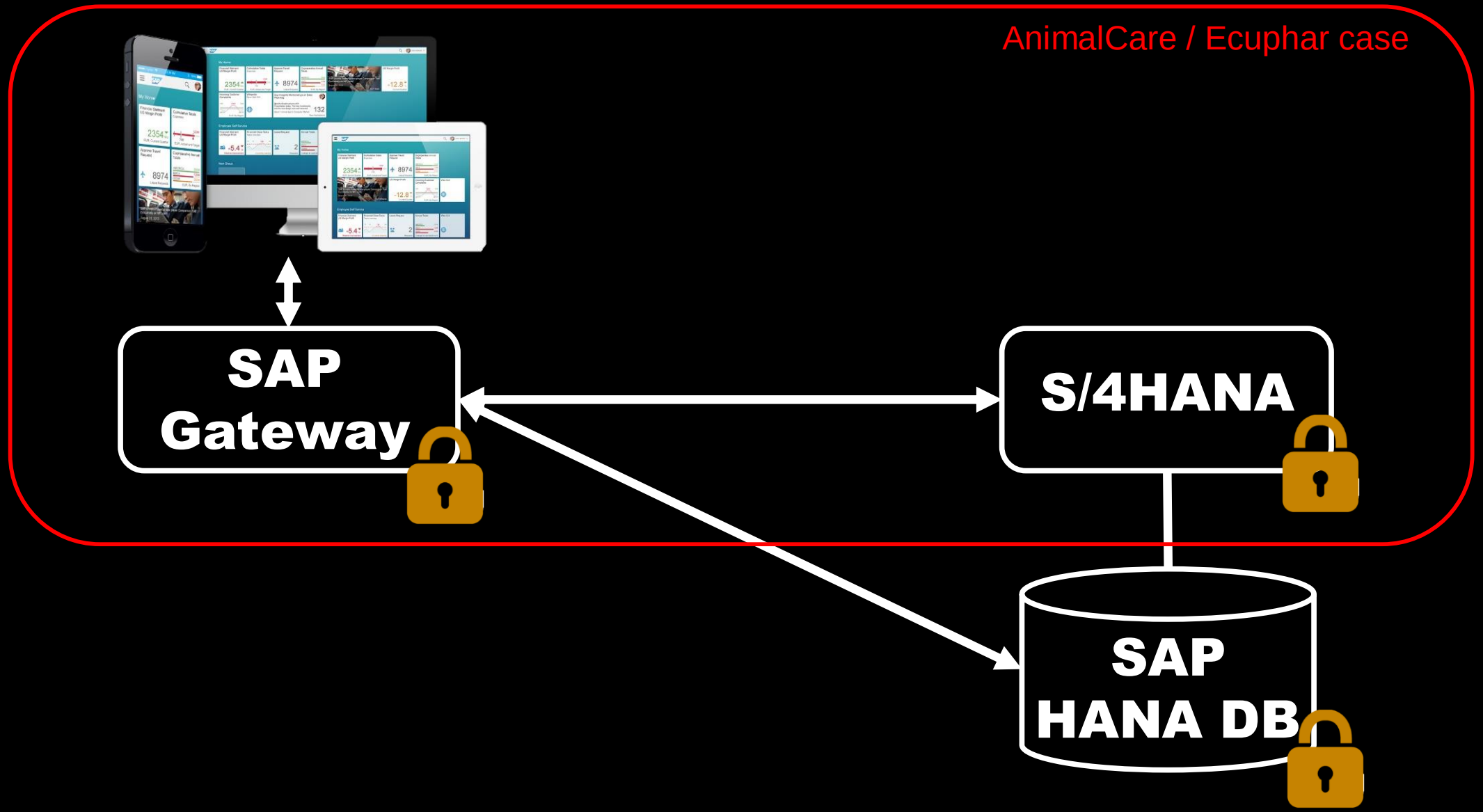
- S/4HANA 1709 greenfield implementation
- Embedded gateway for Fiori
- Full Fiori as front-end strategy
- Statistics
  - 15 company codes
  - 95 user-IDs
  - 20 template composite roles
  - 219 template single roles
  - 156 Fiori catalogs
  - 17 Fiori groups

Product	Release	SP Stack
SAP FIORI FRONT-END SERVER	4.0	01 (02/2018)
NW FOR S4HANA ONPREMISE	1709	01 (01/2018)
S4HANA ON PREMISE	1709	01 (01/2018) FP
SAP FIORI FOR S4HANA	1709	01 (01/2018) FP

Composite role	Description
S4H_C_XXXX_XXXX_BUS_PRJ_MNGR	BUS - Project Manager
S4H_C_XXXX_XXXX_FIN_ACCOUNT	FIN - Accountant
S4H_C_XXXX_XXXX_FIN_CONTROLR	FIN - Controller
S4H_C_XXXX_XXXX_FIN_CRD_CTRL	FIN - Credit Controller
S4H_C_XXXX_XXXX_INV_INV_MNGR	INV - Inventory Manager
S4H_C_XXXX_XXXX_INV_WH_CLERK	INV - Warehouse Clerk
S4H_C_XXXX_XXXX_IT_ADMIN	IT - Administrator
S4H_C_XXXX_XXXX_IT_ADMIN_LCL	IT - Administrator Local
S4H_C_XXXX_XXXX_IT_DEVELOPER	IT - Developer
S4H_C_XXXX_XXXX_IT_SERV_DESK	IT - Service Desk Clerk
S4H_C_XXXX_XXXX_MDM_ADMIN	MDM - Administrator
S4H_C_XXXX_XXXX_MRP_PLANNER	MRP - Planner
S4H_C_XXXX_XXXX_PUR_GR_CLERK	PUR - Goods Receipts Clerk
S4H_C_XXXX_XXXX_PUR_INV_APPR	PUR - Invoice Approver
S4H_C_XXXX_XXXX_PUR_PURCHASR	PUR - Purchaser
S4H_C_XXXX_XXXX_PUR_RELEASER	PUR - Purchase Releaser
S4H_C_XXXX_XXXX_PUR_REQUIS	PUR - Purchase Requisitioner
S4H_C_XXXX_XXXX_QM_QA_MNGR	QM - Quality Manager
S4H_C_XXXX_XXXX_SLS_CLERK	SLS - Sales Clerk
S4H_C_XXXX_XXXX_SLS_SHP_CLRK	SLS - Shipping Clerk



S/4 HANA Technical Point Of View



Optimal Time to Secure Your S/4HANA

Do it right immediately

S/4HANA brownfield or greenfield implementation:

- Opportunity for improving security !
- Use that momentum to:
  - Review & optimize your historical authorizations concept
  - Ensure you start from a clean situation

Do it right immediately

For Fiori & HANA, implement security as from day 1

- Ensure your Fiori & HANA approaches are future proof
- Ensure your data are protected on database level as HANA is a platform allowing direct access
- Develop an integrated approach with your S/4 HANA, Fiori and HANA concepts

Clean-up afterwards / redesigning costs more

➢**Start as soon as possible !**

Security: Apply Best Practices

Overall Security Objective Remains

Protect your business processes and data !

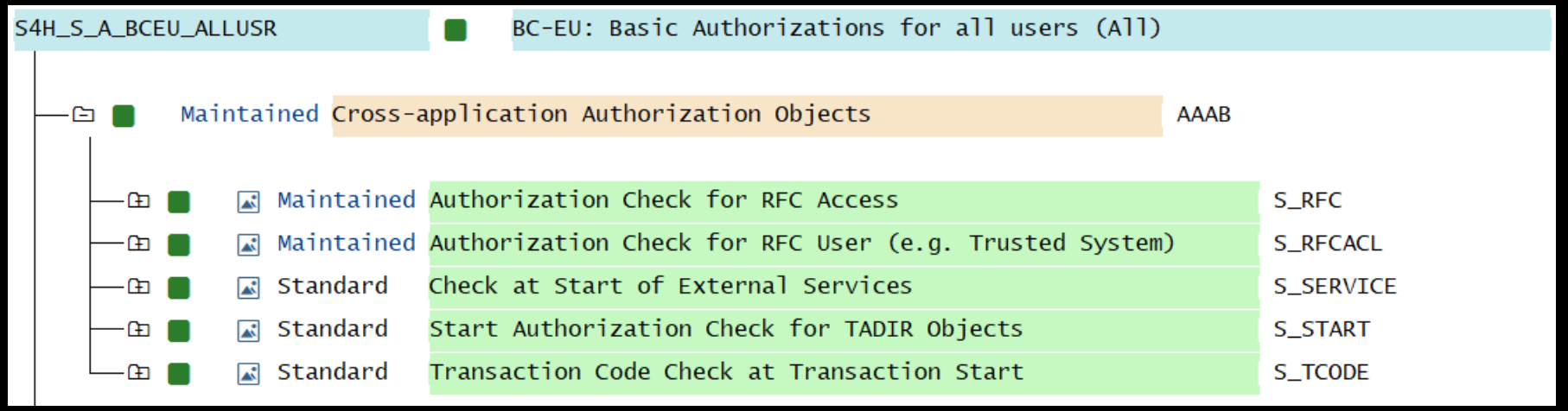
S/4HANA, Fiori & HANA:

- Different security mechanism
- Internal Control & SOD still applies

S/4HANA & Fiori

Technical example:

- S_TCODE vs S_START vs S_SERVICE

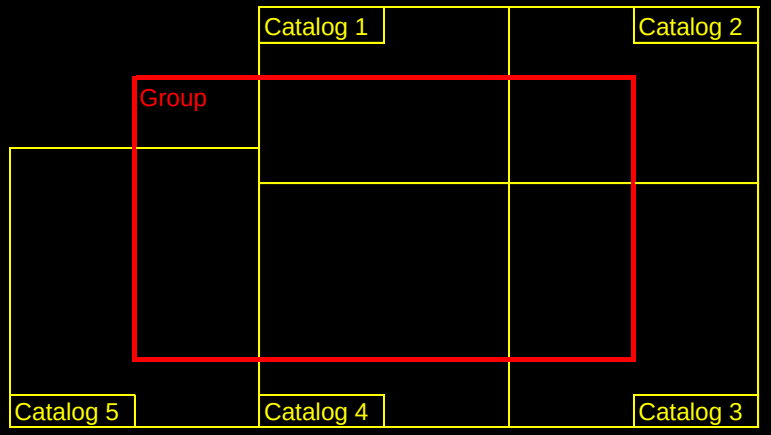


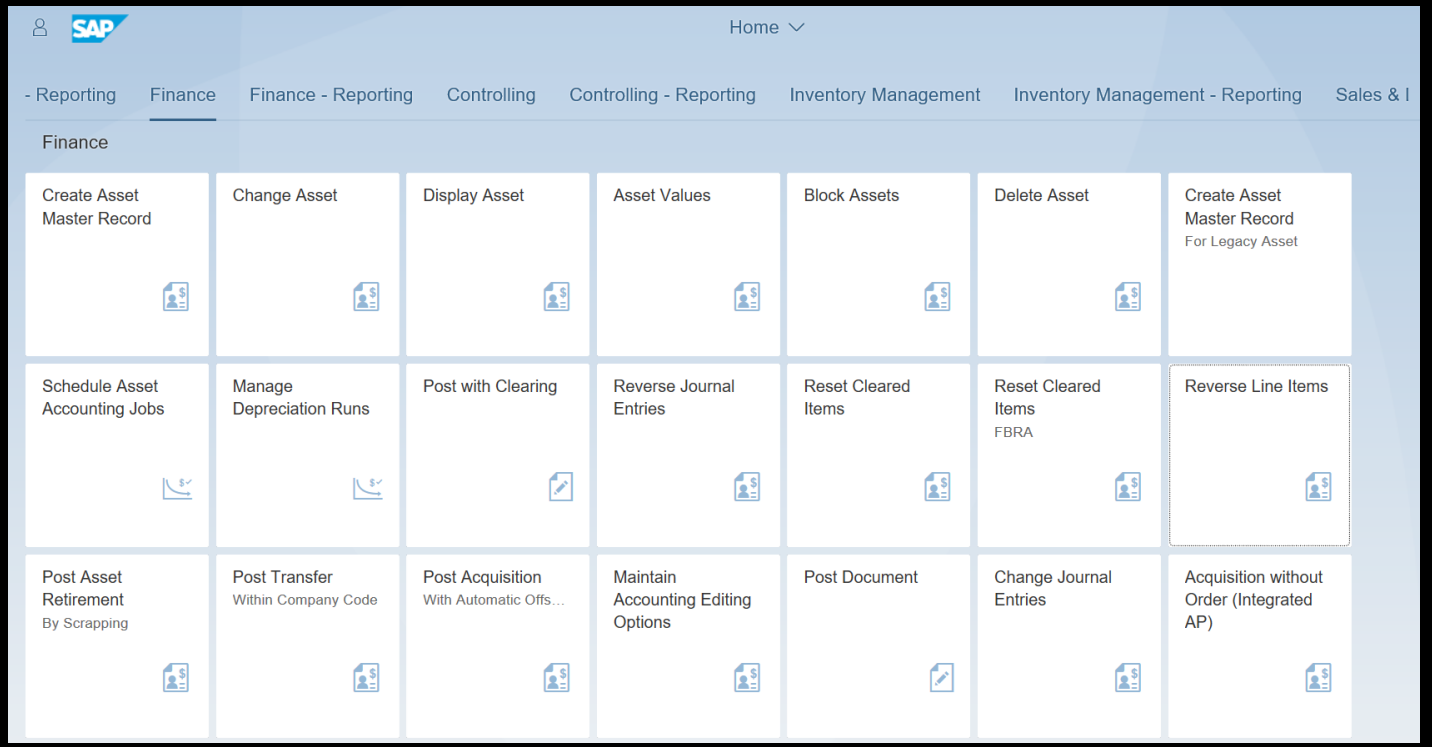
(*) Example from Animalcare/Ecuphar

S/4HANA & Fiori

Concept

- Catalogs & Groups





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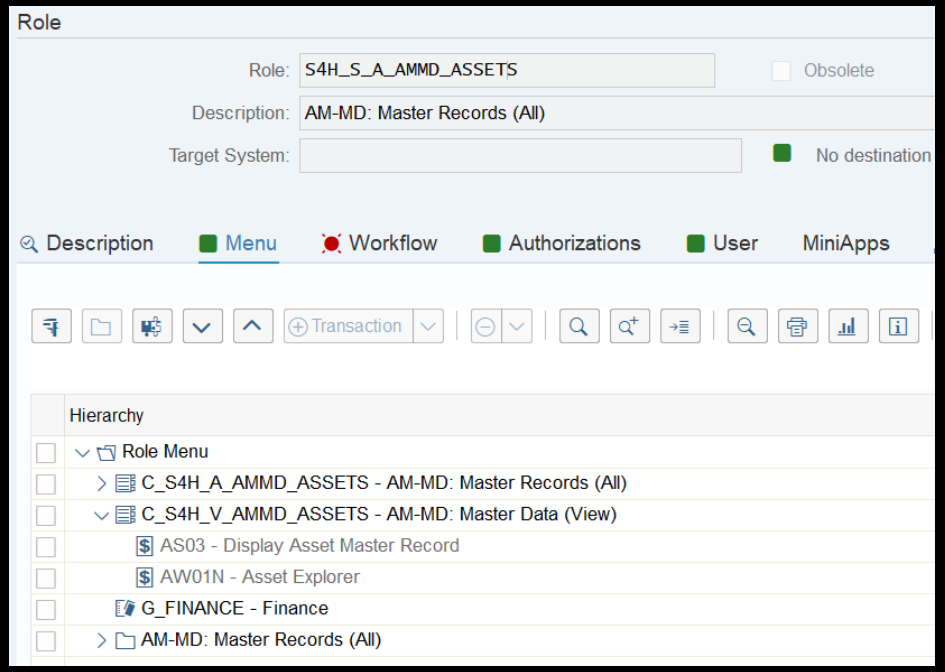
S/4HANA & Fiori

Concept

- Single roles / Tile roles
- Composite roles



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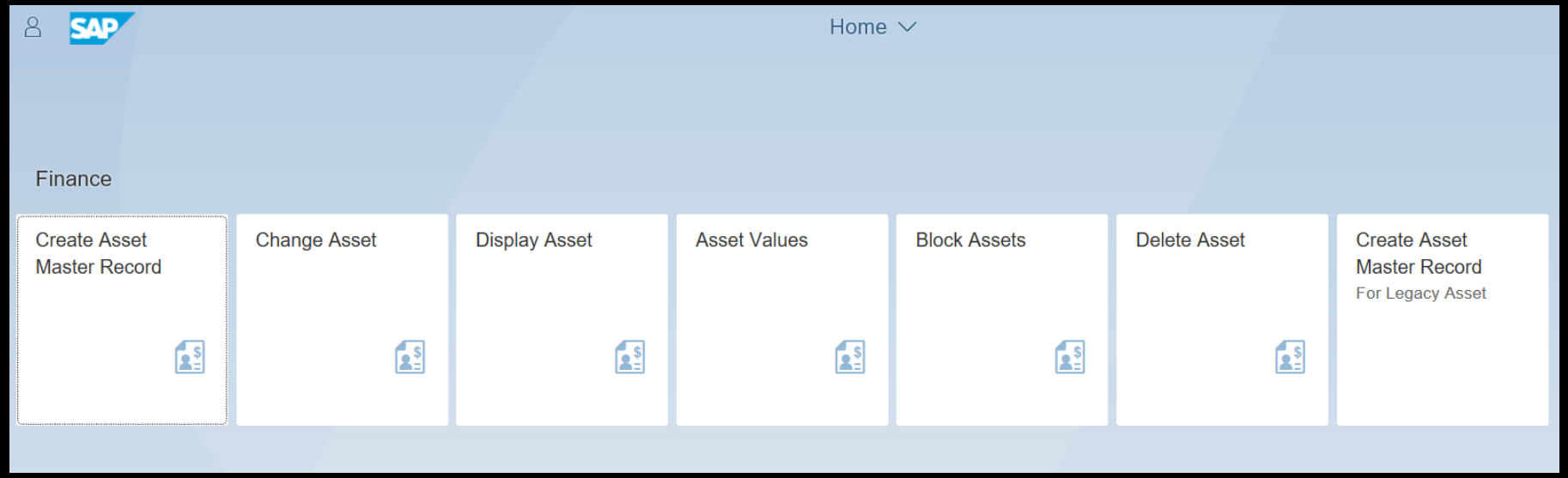


(*) Example from Animalcare/Ecuphar

HANA

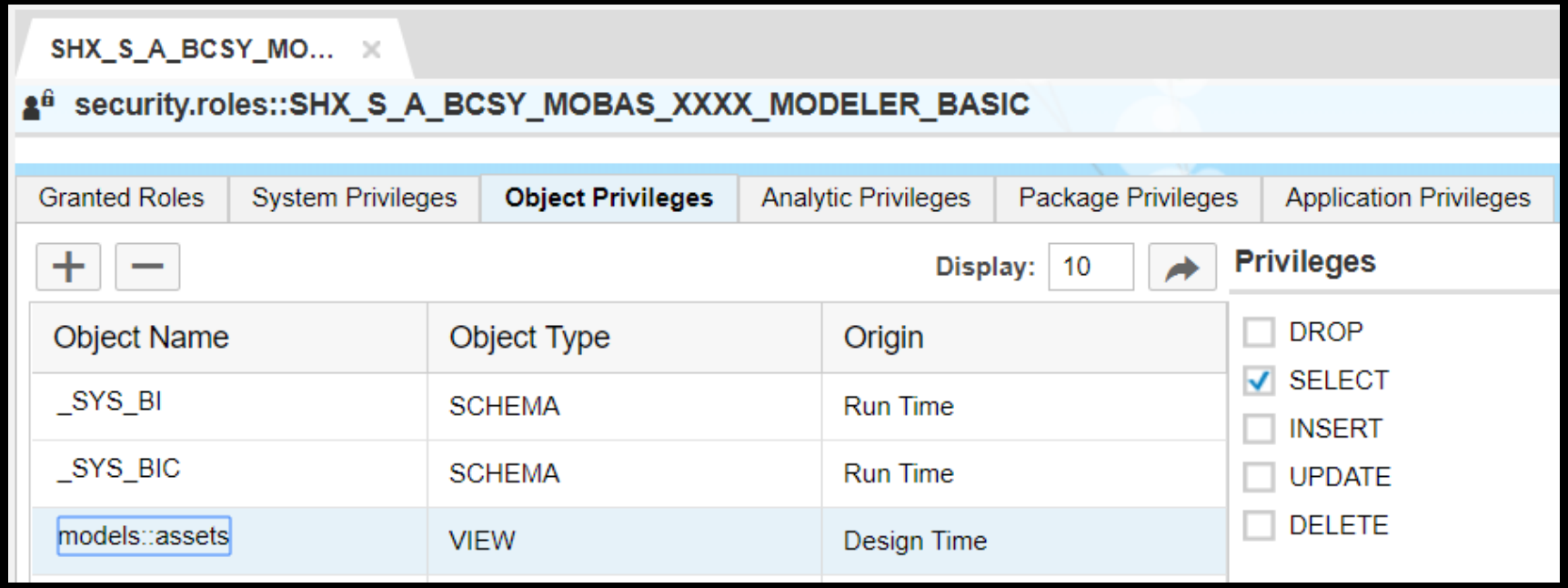
Technical example:

- Privileges

Concept:

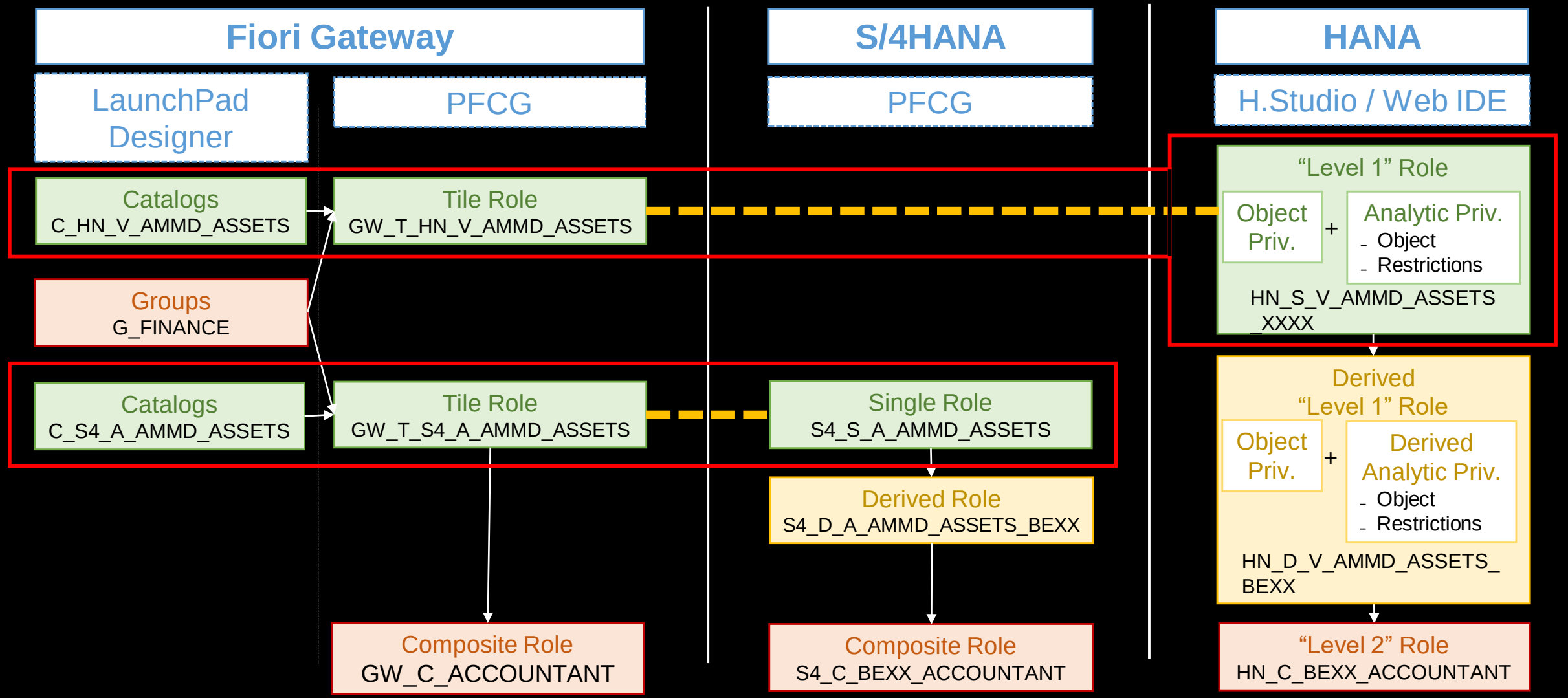
- Repository roles

- Mimic single and composite roles



Integrated Conceptual Approach

Integration



Thank you.
Visit us at booth 8.3

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