

IAM ENABLING – ACTIONS FOR PRIMES

IDAS, ROMA DEPRECIATION AND PAM ROLLOUT 2024

FG-82, 07/2023

An aerial photograph of the BMW Group Plant in Munich, Germany, taken during the golden hour of sunset. The image shows a vast industrial complex with numerous large, modern buildings. In the foreground, a large, dark, curved building with a grid-like roof structure is prominent. To the right, the BMW Museum, a tall, cylindrical building with a distinctive BMW logo on top, stands out. The surrounding city of Munich is visible in the background, with its dense urban landscape and a few hills in the distance under a hazy sky.

01 IDAS/ ROMA EOL 24 > RIGHTNOW ONBOARDING

CALL FOR ACTION

IDAS will be shutdown end of 2024

- RoMa and IdAs are applications which are out of support and not able to perform upgrades. Migration to RightNow is needed (Risk for each system approx. 60Mio€).
- IdAs is not compliant. Migration to RightNow is needed (e.g. no recertification feature, no identity and account information archiving is available)
- Documentation quality about IdAS integrated applications is still bad
- If you are an IdAS integrated application please let us know a desired migration quarter by requesting an application onboarding to RightNow <https://atc.bmwgroup.net/confluence/x/V0dZdQ>

Roma will be shutdown end of 2024

- RoMa and IdAs are applications which are out of support and not able to perform upgrades. Migration to RightNow is needed (Risk for each system approx. 60Mio€).
- If you are an SF Application (Label “Financial_Services”) please get in contact with your Local Access Governance (<https://atc.bmwgroup.net/confluence/x/WVgCXw>). Migration planning will be done centrally
- If you are not affected by SF or SF6 please let us know a desired migration quarter by requesting an application onboarding to RightNow <https://atc.bmwgroup.net/confluence/x/V0dZdQ>

Call for Action

- Check your Application for an IDAS or ROMA integration
- Visit a walk in session regarding the migration process here: <https://atc.bmwgroup.net/confluence/x/3OUETg>
- Plan your Migration to RightNow <https://atc.bmwgroup.net/confluence/x/oLehg>
- Request Application Onboarding. Migration needs to be finished before Q3/2024

EFFORT ESTIMATION

IT Effort differentiated by Connector-Typ	PD
	intern 20 % / external 80 %
AD	3
JAAF	20
Manual	15
MQ	20
no Connector (change to automatic connection)	20
Oracle Offline	20
Oracle Online	20
SAP UAM (LDAP)	20
Webservice	20

Costcalculation
740 € intern / day
500 € extern / day



02 PAM ONBOARDING

WHY? ORIGINAL NEED FOR ACTION AS PRESENTED IN SK 09/2020 IS STILL VALID AND ONGOING WORK. ITL TASK FOR IMPLEMENTATION AS OF 08.2022.

Recurring Findings / Risks	Risk Mitigating Measures	Task
Missing Privileged Account Management Risk of Misuse & Security Breach	<ul style="list-style-type: none">• PAM Rollout for administrators of basis infrastructure.• Enabling further technologies.• Onboarding privileged accounts infrastructure accounts belonging to application teams.	PAM: Onboarding of applications with highest protection need and/or relevance for financial reporting.

	2023	2024	2025	2026
TLM: ITL Task 02.08.22 PAM		Connect highly prioritized Applications to PAM.		

Task to implement PAM Scope was given by ITL and was presented in SK 09.2022.

Challenge:

- Funding needs to be partly prioritized in Domains as a TLM measure.
- Central Application Onboarding Team needs to be set up.
- Planning for 2024 - 2 needs to be aligned.

PAM APPLICATION ROLLOUT AUTOMOTIVE – PLANNING FOR 2024

Scope	Onboarding of Privileged DevOps Accounts on OnPrem Infrastructure Components for Applications INT and PROD → Windows & Linux Server, Oracle & MSSQL Databases, Web (Web/App-Server Instances on Linux OS)
Focus	Applications with highest Protection Need and/or relevant for BMW Balance Sheet (APPGS-16)
Prioritization	In 2024 we will start with applications owned by FG-5, FG-6, FG-8 - applications of other Main departments can be prioritized on demand -
Capacity	30 – 35 Onboarding slots in 2024: (FG-5 : 8-10; FG-6 : 16-20; FG-8 : 5-8; FG-X : xx)
Onboarding Duration	Standard case about 7 months, for very complex applications it might take more time

Cost Calculation per Application

Costs for change per application

Internal DevOps	8-16 days
Ext. DevOps/Change of Application	15 T€

Costs for central onboarding team per application

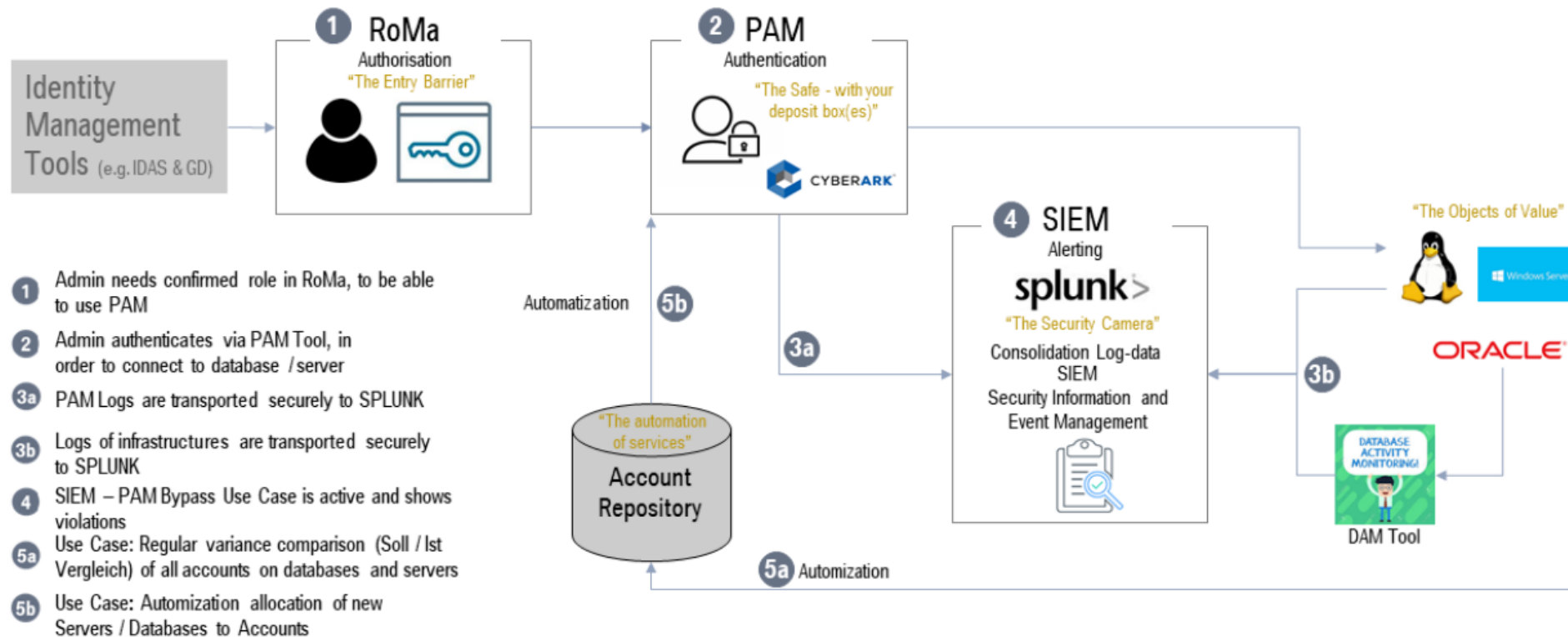
Internal Onboarding team	19 days
External Support Onboarding Team (Test,...)	16 T€

~ 1 Jobcard per
10 applications

→ MatCo, PeCo and JobCards for central Rollout Team have to be planned and provided by the application/Main department

BACKUP.

PLATFORM PAM COVERS END 2 END PROCESS FOR ACCOUNTS.
IAM ENABLING (SK): PLATFORM & ENABLEMENT OF TECHNOLOGIES DONE.

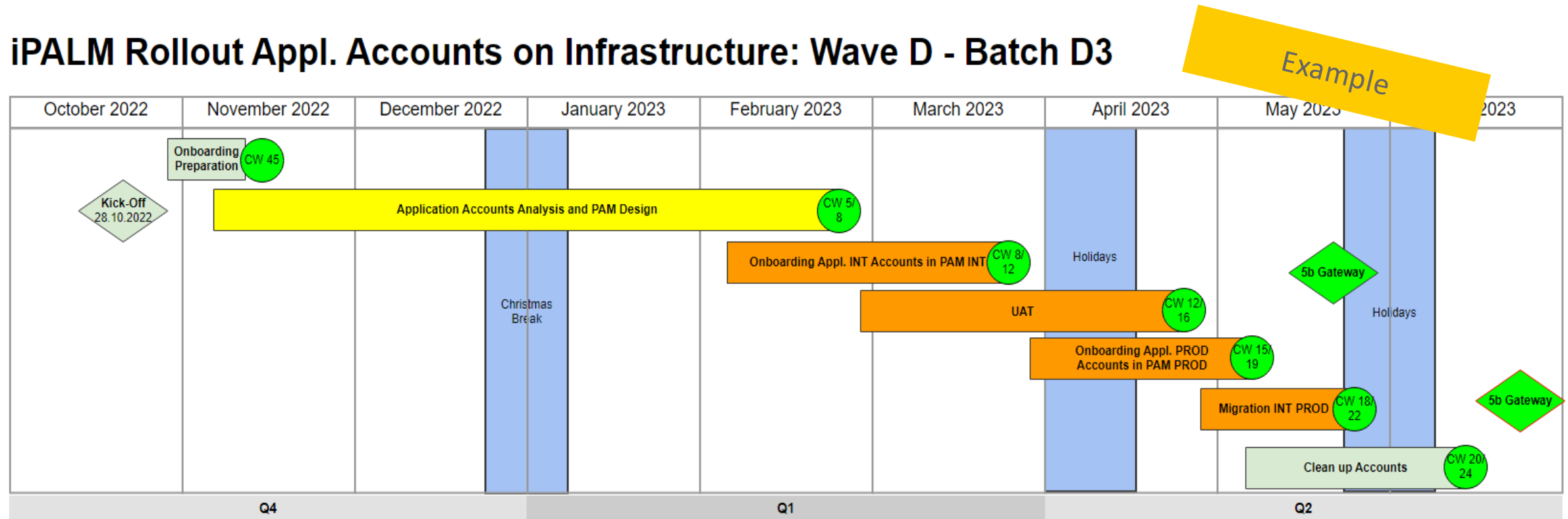


Covered by SK proposal:

- Maintenance and Running Costs for RoMa (in future Right Now)
- Maintenance and Running Cost for PAM CyberArk
- Maintenance and Running Cost for Automization Components
- Enablement of underlying technologies (e.g. Windows, Linux, Oracle,...)

SEVERAL MEASURES & A WORKING TEAM ARE NEEDED TO IMPLEMENT PAM.

iPALM Rollout Appl. Accounts on Infrastructure: Wave D - Batch D3



In order to orchestrate the different parties during the Onboarding of Applications, a central Onboarding Team is needed. It works in strong interaction with the application owners in order to individually onboard the applications. In order to safeguard skills and generate a working team, size of onboarding team has to be at least 4 FTE (prioritized overall in FG).

Up to now this onboarding team was fully covered by PRIME SF since there were no Automotive applications in scope. Costs and Job Cards for the central onboarding team as well as costs for work of application owners and change of applications need to be prioritized by PRIMES. This task was given by ITL / SK in Q3 2022.

COST OVERVIEW – NEED FOR PRIME PRIORITIZATION FOR APPLICATIONS WITH HIGHEST PROTECTION / RELEVANCE FINANCIAL REPORTING.

Costs for change per application		Costs for onboarding team per application	
Internal DevOps	8-16 days	Internal Onboarding team	19 days
Ext. DevOps/Change of Application	15 T€	External Support Onboarding Team (Test,...)	16 T€

	# of Apps	MatCo 2024 T€	Internal PDs DevOps / Onboarding	Internal PDs Rollout Team
FG-5	8	248	96	152
FG-6	16	496	192	304
FG-8	8	248	96	152

Distribution of applications evenly spread over 2 years - similar Efforts to be planned for 2025.
Financial Services Onboardings planned separately.

WHY? ORIGINAL NEED FOR ACTION AS PRESENTED IN SK 09/2020 IS STILL VALID AND ONGOING WORK – FOCUS PAM.

	Recurring Findings / Risks	Risk Mitigating Measures	Target of this Submission
Privileged Account Management	Missing Privileged Account Management Risk of Misuse & Security Breach	<ul style="list-style-type: none">• PAM Rollout for administrators of basis infrastructure.• Enabling further technologies.• Onboarding privileged accounts infrastructure accounts belonging to application teams.	→ PAM: Onboarding of applications with Highest protection need and/or relevance for financial reporting.

RESULTING WORKSTREAM WITH FG-8 IMPACT.
NEED FOR ALIGNMENT 2024 AND ONGOING.

#		2023	2024	2025	2026
	TLM: ITL Task 02.08.22 PAM		Connect highly prioritized Applications to PAM. FG-6: Onboard up to 33 Applications.		

PAM APPLICATION ROLLOUT AUTOMOTIVE – FG-6 NEXT STEPS

Q2/Q3

Prioritization of PAM Rollout for 2024

- Planning PeCo & MatCo for FG-6 efforts (192 PD, 240k€)
- Planning PeCo , MatCo & JobCards for FG-82 (PAM Rollout team) efforts (304 PD, 256k€, 1,5 JC)

Q3

Planning Application Scope for 2024

- Identification and nomination of 18 to 20 Applications in FG-6 scope, which
 - own/run on OnPrem infrastructure components in scope of PAM
 - do not have a **confirmed** full migration to Cloud in 2024
 - are not confirmed for Replacement/Disposal in 2024

Q4

- Scheduling identified applications for the Rollout Waves (11/23), 01/24, 03/24, ...
- Conduct Pre-Alignment Calls
- Start Onboarding activities for first set of applications
 - Preferred option is to start Onboarding for first set of applications already in **Q4/2023 (11/23)**

2024

Onboarding within defined Onboarding Slots (Waves)

PAM APPLICATION ROLLOUT AUTOMOTIVE – PLANNING FG-6

Applications in Scope for FG-6 with relevant Infrastructure

FG-ORG	Anzahl Applikationen im PAM Scope
FG-6-C1-10	1
FG-6-C1-11	1
FG-6-C1-2-ES	1
FG-6-C1-2-FR	3
FG-6-C1-2-IT	3
FG-6-C1-3UK1	1
FG-6-C1-3UK2	1
FG-6-C1-3UK3	1
FG-6-C1-3UK4	2
FG-6-V-10	2
FG-6-V-12	1
FG-6-V-20	1
FG-6-V-21	1
FG-6-V-22	1
FG-6-V-31	3
FG-6-V-43	1
FG-6-V-52	6
FG-6-V-53	2
FG-6-V-70	1
Gesamtergebnis	33

Applications potentially not in Scope for FG-6 as no relevant infrastructure components identified → to be verified

FG-ORG	Anzahl Applikationen im PAM Scope
FG-6-C1-2-CS	1
FG-6-C1-2-ES	1
FG-6-C1-3-NL	1
FG-6-C1-3UK1	7
FG-6-C1-3UK4	1
FG-6-V-22	1
FG-6-V-30	1
FG-6-V-40	1
FG-6-V-52	12
FG-6-V-I-2	1
Gesamtergebnis	27

PAM APPLICATION ROLLOUT AUTOMOTIVE – PLANNING FG-6 DETAILS 1

Applications in Scope for FG-6 with relevant Infrastructure

Status	Active		
Check all Infrastructure (Oracle, Linux, Windows, WEB, MSSQL)	YES		
FG-ORG	App. ID	App. Name	# per Department
FG-6-C1-10	APP-8340	Sales Performance System DE v. 2.x	1
FG-6-C1-11	APP-3175	NMS v. 6.1	1
FG-6-C1-2-ES	APP-2913	3S PT v. 1.0	1
FG-6-C1-2-FR	APP-7995	ETL ASRIS FR v. 1.0	3
	APP-8067	PROSPER FR v. 2.1	
	APP-9157	Internet BMW & VOUS / My Dealer FR v. 1.0	
FG-6-C1-2-IT	APP-18362	Legal Cert Book v. 4.0	3
	APP-7137	NL-ACC IT v. 1.0	
	APP-8551	DMS Autoline BMW ITALIA RETAIL IT v. 9304C-22	
FG-6-C1-3UK1	APP-7359	IVS-ZG UK v. 1.0	1
FG-6-C1-3UK2	APP-11960	oneNKAM v. 8.0	1
FG-6-C1-3UK3	APP-6509	Alphabet Fleetware Fleet FS-UK v. 1.01	1
FG-6-C1-3UK4	APP-14548	Seal FS-IE v. 1	2
	APP-6638	SEAL FS-UK v. 1.00	
FG-6-V-10	APP-1456	PCASO 2 v. 8.4	2
	APP-9809	ProMT v. 1.0	
FG-6-V-12	APP-3671	MHB II v. 7.2	1
FG-6-V-20	APP-12053	ATLAS-SCE v. 5.x	1
FG-6-V-21	APP-1422	ATLAS-Warehouse Mgmt v. 1.0	1
FG-6-V-22	APP-27240	ATLAS-SCP v. 5.x Var	1
FG-6-V-31	APP-2158	FBM (Connected Service) v. 2.44	3
	APP-3312	FBM Viewer (Connected Service) v. 2.50.1	
	APP-5503	FBM Fahrzeugakte (Connected Service) v. 2.44	
FG-6-V-43	APP-1992	HST v. 4.6	1
FG-6-V-52	APP-10131	CARMEN CN v. 7.0	6
	APP-16605	CARMEN Kernel (EU) v. 7.0	
	APP-18651	CRM Integration Layer v. 1.0	
	APP-19909	MS Dynamics Platform 2016 v. 8.x	
	APP-2729	CARMEN FR v. 7.0	
	APP-4014	CARMEN NL v. 7.0	
FG-6-V-53	APP-13296	GCDM IAM v. 1.0	2
	APP-25287	GCDM Cloud v. 1.0	
FG-6-V-70	APP-320	COBIS v. R73.2.1	1
Gesamtergebnis			33

Carmen Kernel already scheduled for Onboarding within BMW Bank Scope

as of 09/2022

PAM APPLICATION ROLLOUT AUTOMOTIVE – PLANNING FG-6 DETAILS 2

Applications in Scope for FG-6 without relevant Infrastructure ¹⁾

¹⁾ According to the documentation in SBUS the listed applications do NOT own any OnPrem infrastructure components in scope of PAM.

This needs to be verified by the applications and confirmed.

Status	Active		
Check all Infrastructure	NO		
FG-ORG	App. ID	App. Name	# per Department
FG-6-C1-2-CS	APP-2193	FPK AT v. 1.0	1
FG-6-C1-2-ES	APP-221	IVS 4.4 v. 4.4	1
FG-6-C1-3-NL	APP-20527	NWS Local suite NL v. 1.0	1
FG-6-C1-3UK1	APP-2313	IVS-ZG Vehicle Accounting UK v. 1.0	7
	APP-2366	IVS-ZG Fleet Management UK v. 1.0	
	APP-2372	IVS-ZG Bonuses UK v. 1.0	
	APP-2374	IVS-ZG Registrations UK v. 1.0	
	APP-5553	IVS-ZG Direct Sales UK v. 1.0	
	APP-5588	Special Case Handling UK v. 2.0	
	APP-6051	IVS-ZG Used Cars UK v. 1.0	
FG-6-C1-3UK4	APP-25009	RRCM Source Data FS-UK v. 1.0	1
FG-6-V-22	APP-27241	ATLAS-SCS v. 5.x Var2	1
FG-6-V-30	APP-12738	ISPA Next v. 1.0	1
FG-6-V-40	APP-10150	RSP USP OFCO (Offer/Contract) v. 1.9x	1
FG-6-V-52	APP-10112	CARMEN ES v. 7.0	12
	APP-14935	CARMEN FS-FR v. 7.0	
	APP-19040	Wholesale CRM Salesforce Template v. 1.0	
	APP-28722	CRM Integration Layer AMERICAS Platform v. 1.0	
	APP-28759	Wholesale CRM Salesforce Americas Hub v. 1.0	
	APP-3683	CARMEN IT v. 7.0	
	APP-4035	CARMEN AT v. 7.0	
	APP-4037	CARMEN CH v. 7.0	
	APP-4121	[IN RETIREMENT] CARMEN BE v. 6.4.07	
	APP-7382	CARMEN FS-ES v. 7.0	
	APP-7462	CARMEN FS-IT v. 7.0	
	APP-8842	CARMEN UK v. 7.0	
FG-6-V-I-2	APP-30145	CBS Streaming Service v. latest	1
Gesamtergebnis			27

PLANING FG-8.

WHY? ORIGINAL NEED FOR ACTION AS PRESENTED IN SK 09/2020 IS STILL VALID AND ONGOING WORK – FOCUS PAM.

	Recurring Findings / Risks	Risk Mitigating Measures	Target of this Submission
Privileged Account Management	Missing Privileged Account Management Risk of Misuse & Security Breach	<ul style="list-style-type: none">• PAM Rollout for administrators of basis infrastructure.• Enabling further technologies.• Onboarding privileged accounts infrastructure accounts belonging to application teams.	→ PAM: Onboarding of applications with Highest protection need and/or relevance for financial reporting.

RESULTING WORKSTREAM WITH FG-8 IMPACT. NEED FOR ALIGNMENT 2024 AND ONGOING.

#		2023	2024	2025	2026
	TLM: ITL Task 02.08.22 PAM		Connect highly prioritized Applications to PAM. FG-8: Onboard up to 12 Applications.		

PAM APPLICATION ROLLOUT AUTOMOTIVE – FACT SHEET FG-8

Scope	Onboarding of Privileged DevOps Accounts on OnPrem Infrastructure Components for Applications INT and PROD → Windows & Linux Server, Oracle & MSSQL Databases, Web (Web/App-Server Instances on Linux OS)
Focus	Applications with highest Protection Need and/or relevant for BMW Balance Sheet (PWC list)
Prioritization	In 2024 we will start with applications owned by FG-6, FG-8, FG-5
Capacity	8 Onboarding Slots for FG-8 in 2024 (distributed over 6 Onboarding waves)
Onboarding Duration	Standard case about 7 months, for very complex applications it might take more time

# Apps: 8			
to be prioritized by PRIMES	PeCo [PD]	MatCo [k€]	ToCo [k€]
Efforts Appl. Team	96 PD	120 k€	120,00 k€
Efforts Onboarding Team	104 PD		69,60 k€
	48 PD		75,40 k€
		128 k€	34,80 k€
	248,0 PD	248 k€	128,00 k€
			428 k€

AppRollout Cost Calculation - to be prioritized by PRIMES			
per Application			
Application Rollout Effort/Cost	PeCo [PD]	MatCo [k€]	ToCo [k€]
MatCo Ext. Appl. DevOps Team (15-30 PDs), in case Appl. adjustments		15,00 k€	15,00 k€
PeCo Int. Appl. DevOps Team (8 -16 PDs)	12,0 PD		8,70 k€
PeCo central Onboarding Team - Rolloutmanager (10-16 PD)	13,0 PD		9,43 k€
PeCo central Onboarding Team - Cross functions (6 PD)	6,0 PD		4,35 k€
MatCo central Rollout Provider incl. TestMgmt, SIEM, PMO		16,00 k€	16,00 k€
	31,0 PD	31,00 k€	53,48 k€

PAM APPLICATION ROLLOUT AUTOMOTIVE – FG-8 NEXT STEPS

Q2/Q3

Prioritization of PAM Rollout for 2024

- Planning PeCo & MatCo for Application DevOps team's efforts (96 PD, 120k€)
- Planning PeCo , MatCo & JobCards for FG-82 (PAM Rollout team) efforts (152 PD, 128k€, 0.75 JC)

Q3

Planning Application Scope for 2024

- Identification and nomination of 8 to 10 Applications in FG-8 scope, which
 - own/run on OnPrem infrastructure components in scope of PAM
 - do not have a **confirmed** full migration to Cloud in 2024
 - are not confirmed for Replacement/Disposal in 2024

Q4

- Scheduling identified applications for the Rollout Waves (09/23, 11/23), 01/24, 03/24, ...
- Conduct Pre-Alignment Calls
- Start Onboarding activities for first set of applications
 - Preferred option is to start Onboarding for first set of applications already in **Q3/Q4 2023** (Sept./Nov.)

2024

Onboarding within defined Onboarding Slots (Waves)

PAM APPLICATION ROLLOUT AUTOMOTIVE

- FG-8 APPLICATIONS IN SCOPE FOR PAM ONBOARDING -

Applications in Scope for FG-8 *)
with relevant Infrastructure

Department	APP Name	Anzahl
FG-81	APP-17970 B2B Portal	1
	APP-22669 Hardened Windows Group Client for board members	1
	APP-16303 Privilege and Password Mgmt for Workspace	1
FG-82	APP-12817 WEB-EAM for Computer Accounts	1
	APP-1331 Infrastructure Service Active Directory Domain Services (AD DS)	1
	APP-1725 RMS	1
	APP-17425 BAT	1
	APP-19377 WebEAM.Next	1
	APP-2762 Group Directory	1
	APP-3963 B2X-PI	1
	APP-4613 LAAS	1
FG-83	APP-6969 Vormetric Coreguard	1
FG-84	APP-8272 DNS/DHCP Infrastruktur auf Basis Infoblox	1
FG-85	APP-2880 Group Client Framework	1
		14

AD DS was already part of Infra
Onboarding for Active Directory

WebEAM.Next is planned for onboarding
within Scope of Infrastructure Rollout

*) as of 09/2022: Completeness needs to be verified, e.g. if there are any new applications, which are in scope for onboarding

PAM APPLICATION ROLLOUT AUTOMOTIVE

– FG-8 APPLICATIONS WITH NO RELEVANT ONPREM INFRASTRUCTURE -

Applications in Scope for FG-6

without relevant Infrastructure¹⁾ or planned for decommissioning²⁾

¹⁾ According to the documentation in SBUS the listed applications do NOT own any OnPrem infrastructure components in scope of PAM.

²⁾ Application will be replaced by another application and will get retired.

This needs to be verified by the applications and confirmed.

Department	APP Name	Relevant Infrastructure	Anzahl
FG-81	APP-1708 BMW Videoconferencing	planned for decommissioning	1
	APP-17739 VDI as a Service Infrastruktur	NEIN	1
	APP-18089 GSS for Cooperations	NEIN	1
	APP-24418 Modern Platform - Virtual Apps and Desktops	NEIN	1
	APP-28218 MS Defender ATP (EDR) and Protection / Endpoint Protection	NEIN	1
	APP-28810 VDI@Cloud	NEIN	1
	APP-29706 On-Demand Streaming Service	NEIN	1
	APP-9653 Live Video Streaming+	planned for decommissioning	1
FG-82	APP-1997 RMAD	NEIN	1
	APP-22995 RightNow	NEIN	1
	APP-4564 Applikations-LDAP	NEIN	1
FG-83	APP-25557 VDI4CAx Platform	NEIN	1
FG-84	APP-17751 Amazon Web Services	NEIN	1
	APP-17752 Microsoft Azure	NEIN	1
FG-85	APP-28413 Pexip	no onboarding	1
	APP-4092 Managementsystem Videoconferencing	NEIN	1
Gesamtergebnis			16

PAM APPLICATION ROLLOUT AUTOMOTIVE

- FG-8 APPS ALREADY ONBOARDED -

19 Applications in Scope for FG-8 already onboarded within SF6 Scope by end of 2023:

APP-ID	APP Name	Status
APP-1179	APP-1179 Infrastructure Service DIVA Projektverwaltung	onboarded
APP-14503	APP-14503 IdAS	onboarded
APP-15416	APP-15416 Infrastructure Service HSFS	onboarded
APP-3644	APP-3644 GSS	onboarded
APP-14386	APP-14386 RoMa	onboarded
APP-19021	APP-19021 Privileged Account Management	onboarded
APP-20079	APP-20079 Infrastructure Service HS Panama	in progress
APP-10671	APP-10671 ms; SCCM Current Branch	in progress
APP-15209	APP-15209 PureConnect Contact Center EU Bank	onboarded
APP-16086	APP-16086 ITSM SUITE	onboarded
APP-17161	APP-17161 Service Bus	onboarded
APP-20063	APP-20063 CMDB	onboarded
APP-21761	APP-21761 SAP GRC Access Control	onboarded
APP-24236	APP-24236 Totemomail	onboarded
APP-16148	APP-16148 Unified Communications based on Microsoft Skype for Business	onboarded
APP-3560	APP-3560 Groupfax (Comfax)	onboarded
APP-2520	APP-2520 Printqueueservice	onboarded
APP-2925	APP-2925 Secure Print SafeQ	onboarded
APP-2568	APP-2568 BMW;Windows Fileservice	in progress
total		19

PLANING FG-5.

WHY? ORIGINAL NEED FOR ACTION AS PRESENTED IN SK 09/2020 IS STILL VALID AND ONGOING WORK – FOCUS PAM.

	Recurring Findings / Risks	Risk Mitigating Measures	Target of this Submission
Privileged Account Management	Missing Privileged Account Management Risk of Misuse & Security Breach	<ul style="list-style-type: none">• PAM Rollout for administrators of basis infrastructure.• Enabling further technologies.• Onboarding privileged accounts infrastructure accounts belonging to application teams.	→ PAM: Onboarding of applications with Highest protection need and/or relevance for financial reporting.

RESULTING WORKSTREAM WITH FG-5 IMPACT.
NEED FOR ALIGNMENT 2024 AND ONGOING.

#		2023	2024	2025	2026
	TLM: ITL Task 02.08.22 PAM		Connect highly prioritized Applications to PAM. FG-5: Onboard up to 26 Applications.		

PAM APPLICATION ROLLOUT AUTOMOTIVE – FACT SHEET FG-5

Scope	Onboarding of Privileged DevOps Accounts on OnPrem Infrastructure Components for Applications INT and PROD → Windows & Linux Server, Oracle & MSSQL Databases, Web (Web/App-Server Instances on Linux OS)
Focus	Applications with highest Protection Need and/or relevant for BMW Balance Sheet (PWC list)
Prioritization	In 2024 we will start with applications owned by FG-6, FG-8, FG-5
Capacity	8 Onboarding Slots for FG-5 in 2024 (distributed over 6 Onboarding waves)
Onboarding Duration	Standard case about 7 months, for very complex applications it might take more time

# Apps: 8			
to be prioritized by PRIMES	PeCo [PD]	MatCo [k€]	ToCo [k€]
Efforts Appl. Team	96 PD	120 k€	120,00 k€
Efforts Onboarding Team	104 PD	69,60 k€	75,40 k€
	48 PD	34,80 k€	128 k€
	248,0 PD	248 k€	428 k€

AppRollout Cost Calculation - to be prioritized by PRIMES			
per Application			
Application Rollout Effort/Cost	PeCo [PD]	MatCo [k€]	ToCo [k€]
MatCo Ext. Appl. DevOps Team (15-30 PDs), in case Appl. adjustments		15,00 k€	15,00 k€
PeCo Int. Appl. DevOps Team (8 -16 PDs)	12,0 PD		8,70 k€
PeCo central Onboarding Team - Rolloutmanager (10-16 PD)	13,0 PD		9,43 k€
PeCo central Onboarding Team - Cross functions (6 PD)	6,0 PD		4,35 k€
MatCo central Rollout Provider incl. TestMgmt, SIEM, PMO		16,00 k€	16,00 k€
	31,0 PD	31,00 k€	53,48 k€

PAM APPLICATION ROLLOUT AUTOMOTIVE – FG-5 NEXT STEPS.

Q2/Q3

Define FG-5 Coordinator for PAM Onboarding

Prioritization of PAM Rollout for 2024

- Planning PeCo & MatCo for FG-5 Application DevOps team's efforts (96 PD, 120k€)
- Planning PeCo , MatCo & JobCards for FG-8 efforts (152 PD, 128k€, 0.75 JC)

Q3

Planning Application Scope for 2024

- Identification and nomination of 8 to 10 Applications in FG-5 scope, which
 - own/run on OnPrem infrastructure components in scope of PAM
 - do not have a **confirmed** full migration to Cloud in 2024
 - are not confirmed for Replacement/Disposal in 2024
- Scheduling identified applications for the Rollout Waves 03.24, 05.24, 07.24, ...
- Conduct Pre-Alignment Calls
- Start Onboarding activities for first set of applications
 - Preferred option is to start Onboarding for first set of applications already in Q1/2024

Q1/24

Onboarding within defined Onboarding Slots (Waves)

2024

PAM APPLICATION ROLLOUT AUTOMOTIVE

- FG-5 APPLICATIONS IN SCOPE FOR PAM ONBOARDING -

**Applications in Scope for FG-5 *)
with relevant Infrastructure**

Departme	APP Name	Anzahl
FG-51	APP-11720 ISIS Med	1
	APP-14993 HR Global SuccessFactors Suite (HR Core & TMS)	1
	APP-18112 eDiscovery-Tool Axcelerate	1
	APP-10137 VEGAS	1
	APP-12608 GAMMA	1
	APP-843 RAEDER	1
	APP-2592 INTAMS	1
	APP-179 FAMOS	1
	APP-19583 IFRS16 & Real Estate (Innosys)	1
FG-52	APP-16496 KGS Archiving Solutions	1
	APP-18071 Insiderregister	1
	APP-19171 Market Intelligence NEXT	1
FG-53	APP-19044 GPP Next	1
	APP-20358 FAVOR	1
FG-54	APP-10828 GTS Adobe Document Services (ADS) für FG-5 Anwendungen	1
	APP-12992 EAI-FIN (IIB) Plattform für Enabling-PIT	1
	APP-1374 SAP GTS	1
	APP-14578 EAI HR (IIB) / HR Mirror	1
	APP-14579 EAI HR Plattform (IIB)	1
	APP-17379 SAP GTS Americas	1
	APP-4154 TBB ERP (UKV) SAP Platform Management	1
	APP-15391 Cosmic	1
	APP-1518 MDBB	1
FG-55	APP-19589 COMETH	1
	APP-26094 Cometh - LCAAP	1
	APP-4031 Invent A-BW	1
Gesamtergebnis		26

*) as of 09/2022: Completeness needs to be verified, e.g. if there are any new applications, which are in scope for onboarding

PAM APPLICATION ROLLOUT AUTOMOTIVE

– FG-5 APPLICATIONS WITH NO RELEVANT ONPREM INFRASTRUCTURE -

Applications in Scope for FG-5 without relevant Infrastructure ¹⁾

Department	APP Name	Relevant Infrastructure	Anzahl
FG-51	APP-19113 HR SAP Global Core System PA	NEIN	
	APP-19116 HR SAP Global Core System PY	NEIN	
	APP-19118 HR SAP Global Core System TM	NEIN	
	APP-19268 HR SAP Global Core System CM	NEIN	
	APP-19272 HR SAP Global Core System AWP	NEIN	
	APP-3859 HR SAP Global Core System Web Basis	NEIN	6
FG-52	APP-12984 eGRC Internes Kontrollsystem IKS	NEIN	
	APP-20353 eGRC ORION Op.Risk BMW SF	NEIN	
	APP-22462 eGRC Corporate Audit Plan&Conduct Audit, Follow-Up	NEIN	
	APP-26261 eGRC IT Security Documentation	NEIN	4
FG-53	APP-26503 SAP Multibank Connectivity	NEIN	
	APP-5736 FDS (financial document summary) 1.0	NEIN	
	APP-91 RPK 1.0	NEIN	
	APP-13109 RW CO 1.0	NEIN	
	APP-4039 UKV;MF 1.0	NEIN	
	APP-13233 STARD FIN 1.00	NEIN	6
FG-54	APP-14566 EAI-FIN TRY (IIB)	NEIN	
	APP-14571 EAI-FIN ZOLL (IIB)	NEIN	
	APP-14573 EAI-FIN MDBB (IIB)	NEIN	
	APP-1504 HR Global Core System	NEIN	
	APP-21201 EAI-FIN HRI (IIB)	NEIN	
	APP-23098 EAI-FIN P30 (IIB)	NEIN	
	APP-24847 TBB Zoll	NEIN	
	APP-3322 eHR;HRP-DB2-Spiegel	NEIN	
	APP-13067 LUKS 3.0	NEIN	
	APP-16184 TBB TAX 1.0	NEIN	
	APP-117 Fakturensammler	NEIN	11
Gesamtergebnis			27

Department	APP Name	Relevant Infrastructure	Anzahl
FG-55	APP-10041 KCI_KPI-Cockpit	NEIN	
	APP-10082 EKK	NEIN	
	APP-12553 Leistungsrechnung (LR)	NEIN	
	APP-14046 FS-PAK	NEIN	
	APP-1641 KPPS Core	NEIN	
	APP-19191 Analyse und Reporting FR-2	NEIN	
	APP-20160 Qlik Common Data Layer	NEIN	
	APP-49 ZH (Zentrale Herstellkosten-Datenbank)	NEIN	
	APP-5202 ETAT	NEIN	
	APP-5223 E-VPS	NEIN	
	APP-5257 Invest	NEIN	
	APP-7551 COPAS LUP	NEIN	
	APP-7552 KPPS	NEIN	
	APP-9468 T-VPS	NEIN	
	KKB/BCS - JointReporting (LS1)	NEIN	
FG-9-	APP-1611 IFT;BW 1.0	NEIN	16
	APP-1612 IFT (Joint Reporting LS2) 2.0	NEIN	
	APP-12338 Joint Reporting ES B1B (JR LS2, IFT) v. 2.0	NEIN	2
Gesamtergebnis			18

¹⁾ According to the documentation in SBUS the listed applications do NOT own any OnPrem infrastructure components in scope of PAM.

This needs to be verified by the applications and confirmed.

PAM APPLICATION ROLLOUT AUTOMOTIVE

- FG-5 APPS ALREADY ONBOARDED -

7 Applications in Scope for FG-5 already onboarded within SF6 Scope by end of 2023:

APP-ID	APP Name	Status
APP-3566	APP-3566 HR SAP Platform Management	in progress
APP-10016	APP-10016 CCM_HR	onboarded
APP-12906	APP-12906 eGRC Governance Risk Compliance Plattform	in progress
APP-17130	APP-17130 COIN - Compliance Integrity Check	onboarded
APP-2437	APP-2437 EL_ELIDA	onboarded
APP-20927	APP-20927 DEAS FS-DE	onboarded
APP-17658	APP-17658 CTS - Compliance Tool Suite	in progress
total		7

BACKUP.

PRIVILEGED ACCOUNT MANAGEMENT (PAM) – CONTINUED & ADAPTED PRIORITIZATION. PLANNED MILESTONES REACHED.

