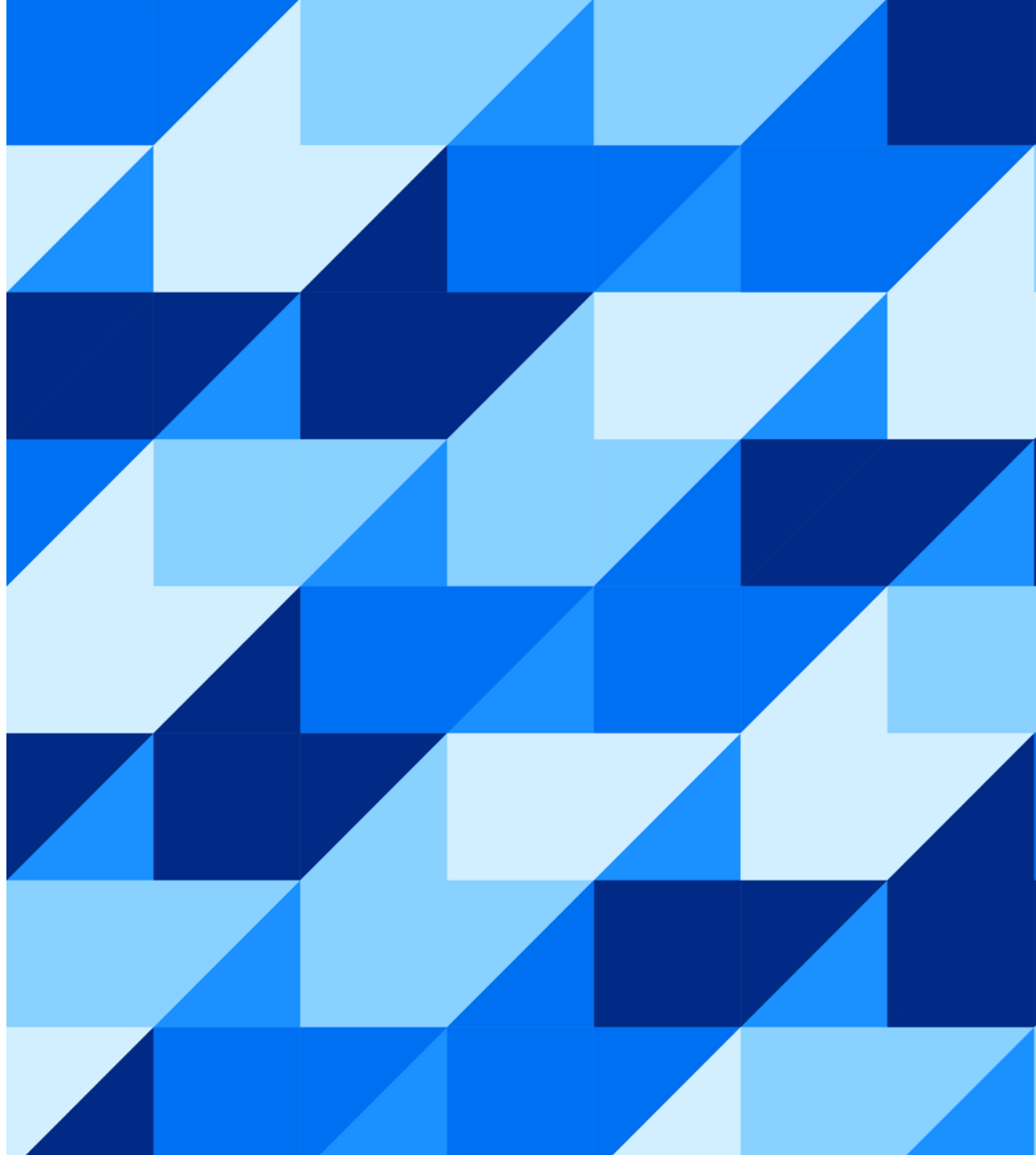




SAP Micro-App Hub

Public



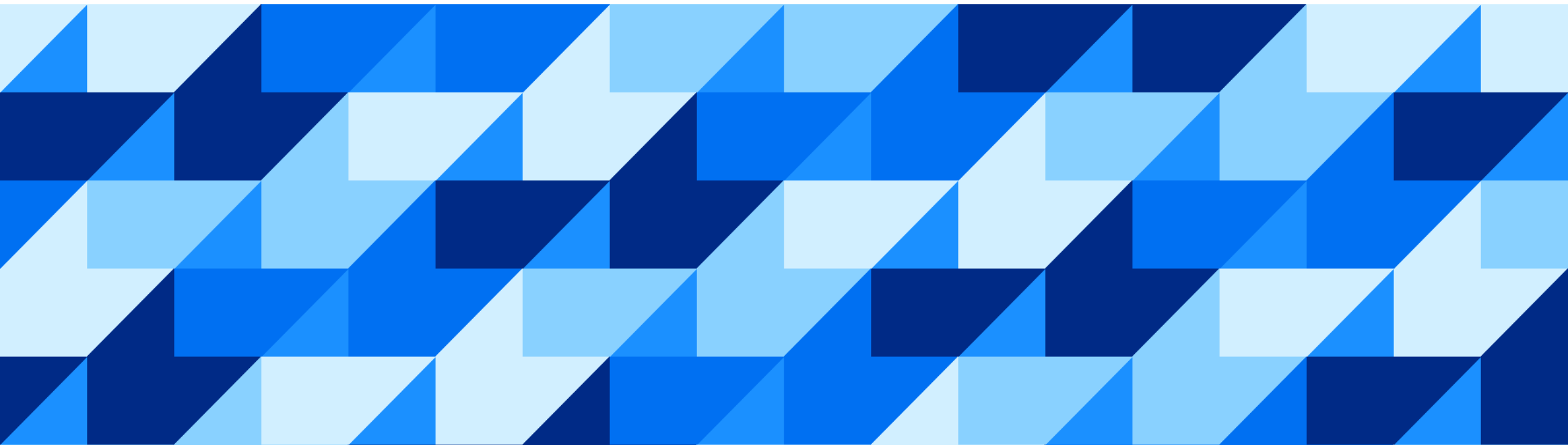
Disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. Except for your obligation to protect confidential information, this presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this presentation or any related document, or to develop or release any functionality mentioned therein.

This presentation, or any related document and SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this presentation is not a commitment, promise or legal obligation to deliver any material, code or functionality. This presentation is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This presentation is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this presentation, except if such damages were caused by SAP's intentional or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

Solution Overview



Today's Challenges Extending Solutions



Time: Developing custom solutions adds time to implementation projects and delays customers being able to leverage the new solution.



Cost: Costly highly skilled resources are needed to implement solutions, and attention is taken away from other key business opportunities.



Skills: Resources require knowledge on many areas to implement the most secure and efficient extensions.

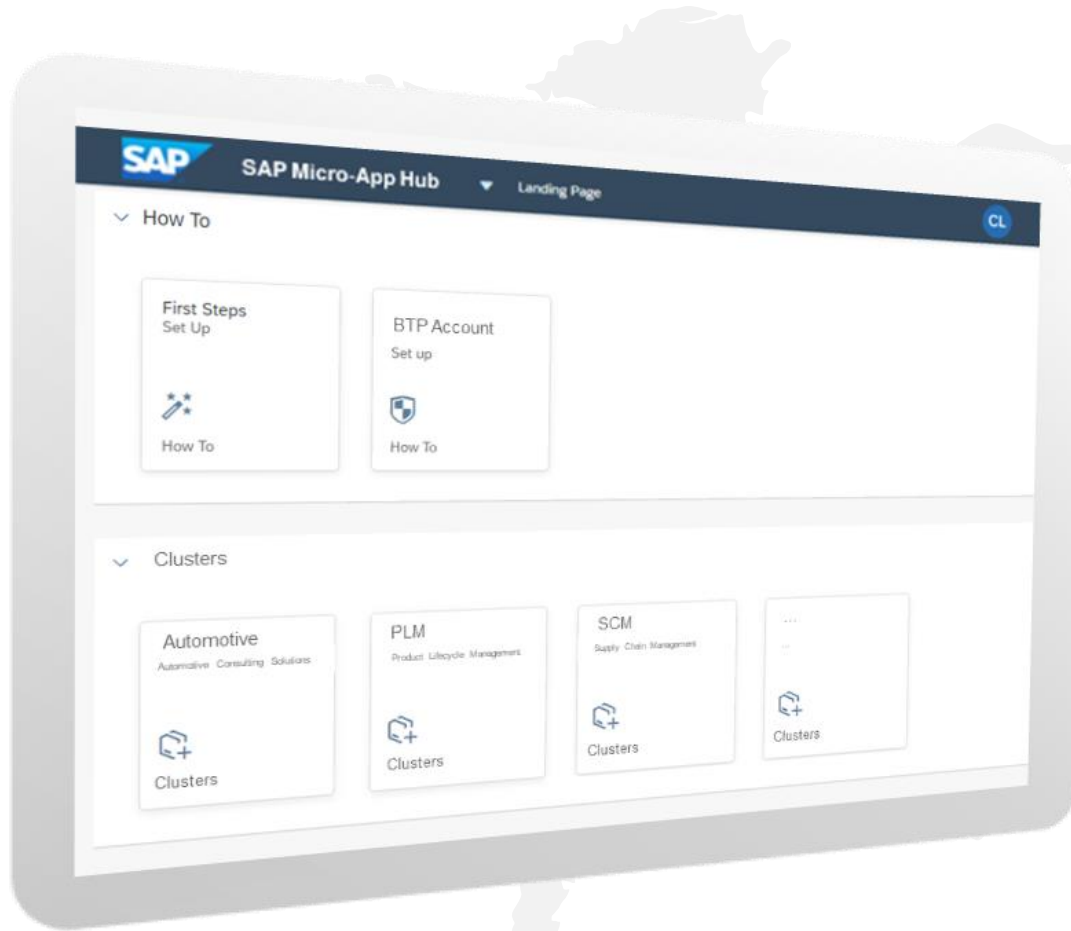


Maintenance: Solutions require maintenance to ensure all components are up to date and bug free.



Security: Cloud development introduces potential for more security vulnerabilities.

What is the [SAP Micro-App Hub](#)?



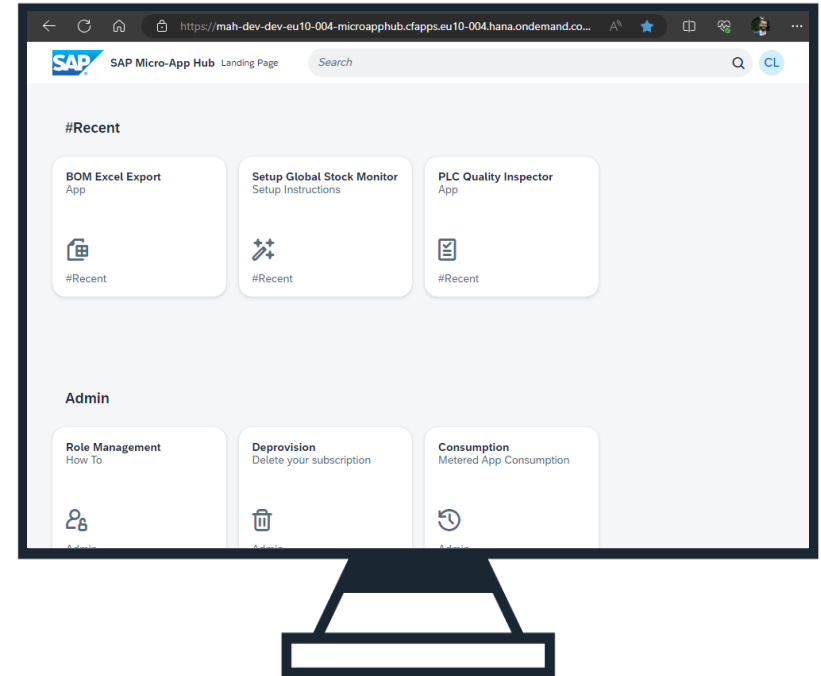
The [SAP Micro-App Hub](#) will provide a collection of micro-apps to address key gaps in core SAP solutions as part of a standard SaaS offering from SAP.

Key Capabilities

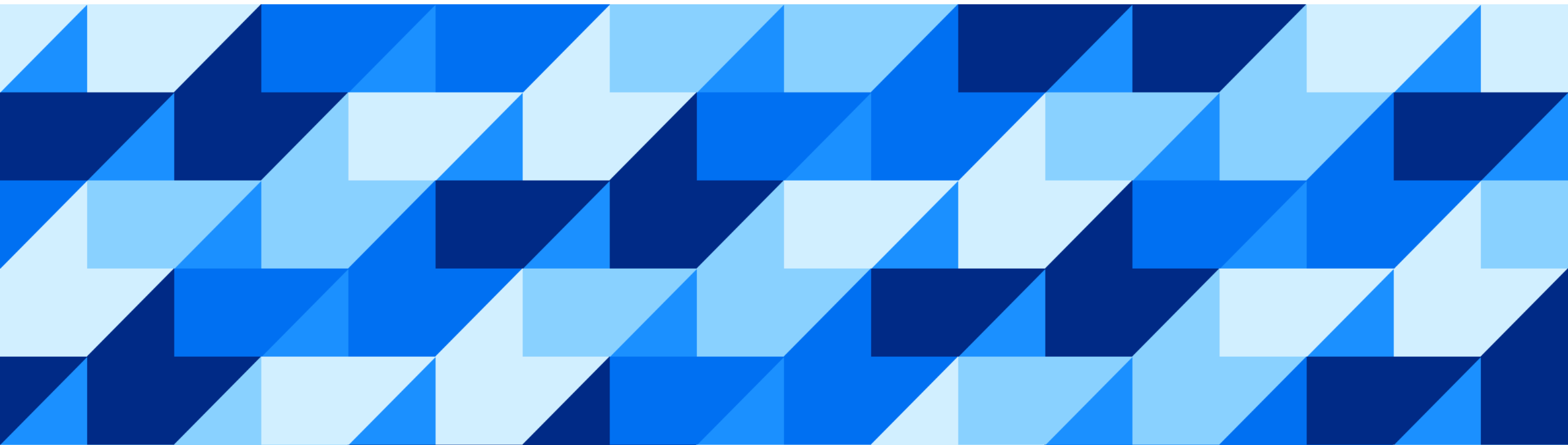
The SAP Micro-App Hub provides a repository of solutions to extend core SAP applications.

Features:

- Fast and easy self-service activation
- Little or no deployment activities
- Immediate access to new apps as soon as they are released
- Only charged based on usage of individual solutions
- Support and Maintenance provided
- Same level of quality as all of SAP products



Micro-apps



SAP Micro-App Hub

Micro-Apps

PLC Quality Inspector

Material	Plant	BOM Usage	Alternative BOM	BOM Version	Change Number
SG22	SEM22,PD,Phantom	Plant 1 US (L710)	Production (1)	1	
FG126	FIN126,MTS-DI,PD,Batch-File,SerialNo	Plant 1 US (L710)	Production (1)	1	
FG126	FIN126,MTS-DI,PD,Batch-File,SerialNo	Plant 1 US (L710)	Production (1)	99	
SG124	SEM124,PD,Subassembly	Plant 1 US (L710)	Production (1)	1	
FG29	FIN29,MTS-PI,PD,Batch-ExpirationDate	Plant 1 US (L710)	Production (1)	1	
SG24	SEM24,PD,Batch-File	Plant 1 US (L710)	Production (1)	1	
FG226	FIN226,MTO,PD,Batch-File,SerialNo	Plant 1 US (L710)	Production (1)	1	
SG224	SEM224,MTO,PD,Subassembly	Plant 1 US (L710)	Production (1)	1	
SG21	SEM21,PD,RepetitiveManufact	Plant 1 US (L710)	Production (1)	1	
SG23	SEM23,PD,Subcontracting	Plant 1 US (L710)	Production (1)	1	
SG29	SEM29,PD,OM	Plant 1 US (L710)	Production (1)	1	
FG129	FIN129,MTS-DI,PD,OM	Plant 1 US (L710)	Production (1)	1	
FG233	FERT 233, PD, Repetitive Manuf.	Plant 1 US (L710)	Production (1)	1	

BOM Excel Export

Material	Plant	BOM Usage	Alternative BOM	BOM Version	Change Number
SG22	SEM22,PD,Phantom	Plant 1 US (L710)	Production (1)	1	
FG126	FIN126,MTS-DI,PD,Batch-File,SerialNo	Plant 1 US (L710)	Production (1)	1	
FG126	FIN126,MTS-DI,PD,Batch-File,SerialNo	Plant 1 US (L710)	Production (1)	99	
SG124	SEM124,PD,Subassembly	Plant 1 US (L710)	Production (1)	1	
FG29	FIN29,MTS-PI,PD,Batch-ExpirationDate	Plant 1 US (L710)	Production (1)	1	
SG24	SEM24,PD,Batch-File	Plant 1 US (L710)	Production (1)	1	
FG226	FIN226,MTO,PD,Batch-File,SerialNo	Plant 1 US (L710)	Production (1)	1	
SG224	SEM224,MTO,PD,Subassembly	Plant 1 US (L710)	Production (1)	1	
SG21	SEM21,PD,RepetitiveManufact	Plant 1 US (L710)	Production (1)	1	
SG23	SEM23,PD,Subcontracting	Plant 1 US (L710)	Production (1)	1	
SG29	SEM29,PD,OM	Plant 1 US (L710)	Production (1)	1	
FG129	FIN129,MTS-DI,PD,OM	Plant 1 US (L710)	Production (1)	1	
FG233	FERT 233, PD, Repetitive Manuf.	Plant 1 US (L710)	Production (1)	1	

Global Stock Monitor

Material ID	Plant	Storage Location	Batch	Supplier	SD Document	SD Document Item	Special Stock Type	Stock Type	Base Unit	Quantity
CC_C___AB_SMO_3	0001	0001	0000000015			0	Unknown	01 Unrestricted-Use Stock	EA	8
MAPO_RAW_02	0001	0001				0	Unknown	01 Unrestricted-Use Stock	EA	25
JJ-PAC	JJ01	JJ01				0	Unknown	01 Unrestricted-Use Stock	EA	10
JJ-ATP	JJ01	JJ01				0	Unknown	01 Unrestricted-Use Stock	EA	20
JJ-PAC	JJ02	JJ01				0	Unknown	01 Unrestricted-Use Stock	EA	10
JJ-ATP	JJ02	JJ01				0	Unknown	01 Unrestricted-Use Stock	EA	100

SAP Micro-App Hub

PLC Quality Inspector

The screenshot displays the SAP Product Lifecycle Costing (PLC) interface. The main window shows a calculation table with columns for Item, Comments, Quantity, UoM, Total Quantity, UoM, Price (Fixed), Trans-acti..., Price (Variable), and Trans-acti... The table lists various cost elements for a pump assembly, including labor, material, and machine costs. A sidebar on the right shows the 'Quality Inspector' results, indicating 1 message (Error) and 0 warnings or information messages. The error message is for item 5077, stating 'MATNOPRICE' and 'Material has no price'.

Item	Comments	Quantity	UoM	Total Qua...	UoM	Price (Fixed)	Trans-acti...	Price (Variable)	Trans-acti...
#SAP Example: Pump P-500 (1011) #Version 1 #...				10	PC	302.00	EUR	392.79	EUR
#CC1 #AT2 Activity Type 2 (labor)		10	min	100	min	65.00	EUR	55.00	EUR
#BP2 #WCEN111 Kundenauftragsbearbeit...		1	PC	1	PC	0.00	EUR	0.00	EUR
#PT1 #100-100 Casing		1	PC	10	PC	163.91	EUR	266.22	EUR
#PT1 #100-200 Drive		1	PC	10	PC	107.90	EUR	100.37	EUR
#PT1 #100-210 Slug for impeller	Price is set to zero -> Error	1	PC	10	PC	0.00	EUR	0.00	EUR
#BP1 Work Center Arbeitsvorbereitung		0.1	PC	1	PC	0.00	EUR	0.00	EUR
#CC1 #AT2 Activity Type 2 (labor)		20	min	200	min	65.00	EUR	55.00	EUR
#CC1 #AT1 Activity Type 1 (setup)		3	min	3	min	65.00	EUR	95.00	EUR
#CC1 #AT2 Activity Type 2 (labor)		10	min	100	min	65.00	EUR	55.00	EUR
#CC1 #AT3 Activity Type 3 (machine)		10	min	100	min	65.00	EUR	95.00	EUR
#CC1 #AT1 Activity Type 1 (setup)		3	min	3	min	65.00	EUR	95.00	EUR
#CC1 #AT2 Activity Type 2 (labor)		3	min	30	min	65.00	EUR	55.00	EUR
#CC1 #AT3 Activity Type 3 (machine)		3	min	30	min	65.00	EUR	95.00	EUR
#CC1 #AT2 Activity Type 2 (labor)		10	min	100	min	65.00	EUR	55.00	EUR
#PT2 #100-300 Shaft		1	PC	10	PC	8.52	EUR	7.87	EUR

Overview

The PLC Quality Checker provides users with the ability to perform quality checks on cost calculations using customizable rules.

Benefits

- Individual rule-based checks of the calculation
- Less calculation errors and therefore more accurate results
- You can define your own quality check rules
- Rules are defined programmatically (complex logic is possible)
- Access to all elements of a calculation row

SAP Micro-App Hub

BOM Excel Export

BOM Excel Export

dev-eu10-dev-eu10-valuecloud.cfapps.eu10.hana.ondemand.com/sapservicesvaluecloudbomexport/index.html

Material:

Plant:

BOM Usage:

Alternative BOM:

BOM Version:

Versioning Relevant:

BOM Version Status:

Go Adapt Filters

Bills of Material

	Material	Product Description	Plant	BOM Usage	Alternative BOM	BOM Version Status	Change Number
<input type="radio"/>	SG22	SEMI22,PD,Phantom	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	FG126	FIN126,MTS-DI,PD,Batch-Fifo,SerialNo	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	FG126	FIN126,MTS-DI,PD,Batch-Fifo,SerialNo	Plant 1 US (1710)	Production (1)	99		
<input type="radio"/>	SG124	SEMI124,PD,Subassembly	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	FG29	FIN29,MTS-PI,PD,Batch-ExpirationDate	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	SG24	SEMI24,PD,Batch-Fifo	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	FG226	FIN226,MTO,PD,Batch-Fifo,SerialNo	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	SG224	SEMI224,MTO,PD,Subassembly	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	SG21	SEMI21,PD,RepetitiveManuf.	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	SG23	SEMI23,PD,Subcontracting	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	SG29	SEM29,PD,QM	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	FG129	FIN129,MTS-DI,PD,QM	Plant 1 US (1710)	Production (1)	1		
<input type="radio"/>	FG233	FERT 233, PD, Repetitive Manuf.	Plant 1 US (1710)	Production (1)	1		

Overview

You can use this micro-app to export a bill of materials (BOM) to Microsoft Excel.

Benefits

- Access exploded BOM data from S/4
- Quickly export exploded BOM into formatted Excel for easier readability

SAP Micro-App Hub

Global Stock Monitor

<

SAP

Cross System Material Stock Monitor

AU

Go

Hide Filter Bar

Filters

Material:

Plant:

Special Stock Type:

Stock Type:

Material ID

Plant

Materials (785)

Search

Q

Material ID	Plant	Storage Location	Batch	Supplier	SD Document	SD Document Item	Special Stock Type	Stock Type	Base Unit	Quantity	
MAPO_RAW_01	0001	0001				0	Unknown	01 Unrestricted-Use Stock	EA	22	>
MAPO_RAW_01	0001	0001				0	Unknown	02 Stock in Quality Inspection	EA	9	>
MAPO_RAW_01	0001	0001				0	Unknown	07 Blocked Stock	EA	8	>
AH_ROH	0001			STANDARD		0	0 Subcontracting Stock	01 Unrestricted-Use Stock	KG	989.000	>
AH_HALB	0001	0001				0	Unknown	01 Unrestricted-Use Stock	KG	2.000	>
FMS_PAC_X0	0001	0001				0	Unknown	01 Unrestricted-Use Stock	PC	1256	>
WDF28-1	0001					0	Unknown	not stock relevant	EA	0	>
JJ-ATP	JJ01	JJ01				0	Unknown	01 Unrestricted-Use Stock	EA	99	>

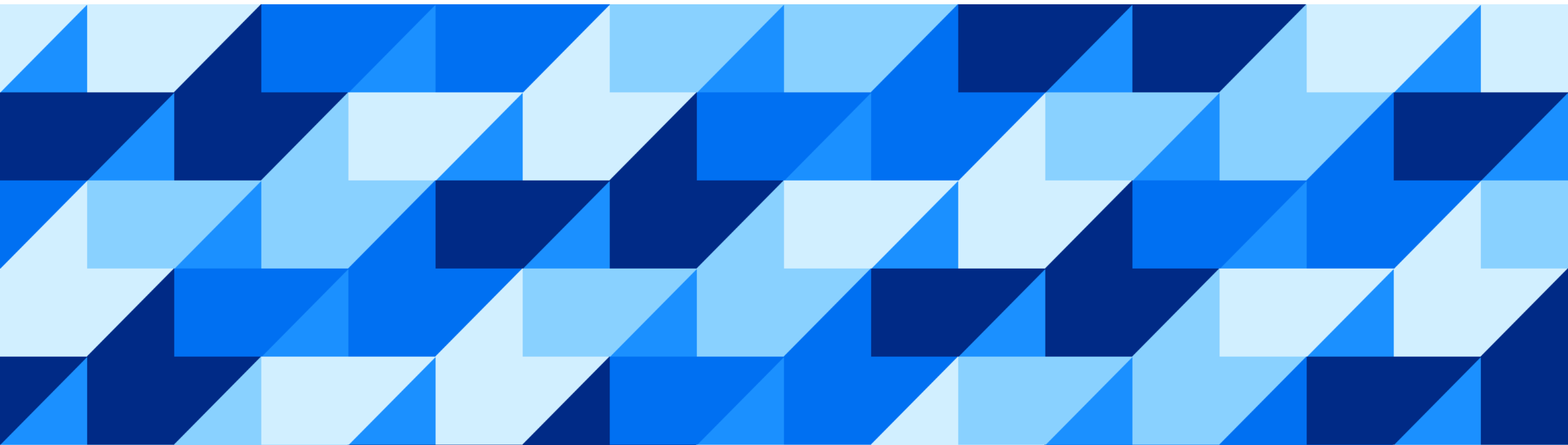
Overview

The global stock monitor apps allows users to report on material stock inventory across multiple S/4 systems.

Benefits

- See stock inventory across multiple logistics system
- Search and report on material stock
- Material details allows quickly seeing quantity per stock type across plants

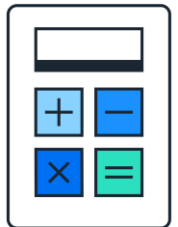
Usage Metric



SAP Micro-App Hub | Usage metric*

1. The Usage Metric for the Cloud Service is Capacity Units per month.
2. Each Micro-Apps Category specified in Contract has a corresponding Capacity Unit of Measure and Capacity Unit Value. To calculate the number of Capacity Units consumed through use of a Micro-App, the total amount of Capacity Units of Measure used during the month is multiplied by the Capacity Unit Value to arrive at the number of Capacity Units consumed by that Micro-App. Customer may consume Capacity Units up to the total amount stated in the Order Form for each month. Unused Capacity Units may not be carried over into any subsequent month.

Calculation example: If there were **25 Active Users** in one month for one Micro-App within the “Small General Apps” Micro-App Category and another **5** for another Micro-App in this same category, the resulting consumption would be **5400 Capacity Units** (i.e., **30 Active Users x 180 Capacity Unit Value = 5400 Capacity Units / Month**).



Thank you.