Administration Guide
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Administration Guide
SAP margin optimization solutions by Vistex version 5.0

Table of Contents

1 About This Guide

SAP margin optimization solutions by Vistex are a suite of applications that are individually licensed and can be used independently or collaboratively to plan, execute, administer, and account for promotional pricing, rebates, reimbursements, and other incentives.

The SAP margin optimization solutions by Vistex suite has the following individually licensed applications:

- SAP Channel Program Management by Vistex
- SAP Vendor Program Management by Vistex
- SAP Rights and Royalty Management by Vistex, cloud edition
- SAP Extended Price Management by Vistex
- SAP Price Staging Hub by Vistex
- SAP Excise Tax Management by Vistex

This guide is intended for application administrator(s) designated within a subscribing company who will be responsible for providing access to other company users and monitoring the solution's operation. Typical functional users are not assigned administrator privileges and will not have access to the tiles, screens, and capabilities described in this guide.

In general, the responsibilities of the customer administrator are:

- User Administration – to create, maintain, and disable users (login ID, password, profile) for the suite applications
- Support – to act as the single point-of-contact for Vistex to create, investigate, and resolve help desk incidents
- Monitor – to supervise the scheduled processing jobs and interfaces to/from suite applications, as well as observe resource consumption in the cloud platform (as this can impact the subscription cost depending on the license metrics used to determine this fee on a regular basis)
- Configuration – some tenant-specific configuration of suite applications may be allowed

This guide will instruct the customer administrator on how to perform the duties described above.

This suite of applications is deployed on the SAP Business Technology Platform (BTP). Knowledge of BTP is not required to operate and maintain SAP margin optimization solutions by Vistex suite. However, if more information on BTP and any of its services or functions referenced in this guide is desired, the reader may study the documentation available for BTP found at SAP Business Technology Platform (SAP BTP) | SAP Help Portal. You can also search the SAP Help Portal for “SAP Business Technology Platform.”

2 Subscribing to SAP margin optimization solutions by Vistex

This section of the document provides step-by-step instructions to request access to newly licensed cloud solutions—a process known as *subscribing*.

This document is applicable to customers licensing SAP margin optimization solutions by Vistex. The solutions are deployed on SAP Business Technology Platform (BTP), and you must request this deployment at the beginning of your first license term.

2.1 Application Licenses

The SAP margin optimization solutions by Vistex are a suite of independently licensed applications sold by SAP. You may have licensed one or more of the following SAP margin optimization solutions by Vistex:

- SAP Extended Price Management by Vistex
- SAP Channel Program Management by Vistex
- SAP Vendor Program Management by Vistex
- SAP Rights & Royalty Management by Vistex, cloud edition
- SAP Price Staging Hub by Vistex
- SAP Excise Tax Management by Vistex

2.2 Usage Entitlements

Licensing any of the above applications entitles you to one production tenant and up to three non-production tenants for testing, training, or other purposes. All licensed applications are co-deployed as a suite in each tenant, so multiple tenants are not necessary for multiple applications. If you licensed more than one of the applications listed above, you only need to subscribe <u>once</u> for the production tenant and once for <u>each</u> non-production tenant you wish to create—no matter how many SAP margin optimization solutions by Vistex you have licensed.

2.3 SAP BTP Accounts

Subscriptions to SAP cloud services and applications, including SAP margin optimization solutions by Vistex, are contained within a Global Account on SAP Business Technology Platform (BTP). If you already have a Global Account on SAP BTP because you have previously licensed other SAP BTP services or applications, the entitlements for SAP margin optimization solutions by Vistex will be added to your existing Global Account. If you are new to SAP BTP, you will receive an automated welcome message from SAP to set up your SAP BTP Global Account.

Within the Global Account, create a Subaccount for each tenant. First, create a new, dedicated Subaccount for a test tenant. If additional non-production tenants are desired, create a new Subaccount for each additional non-production tenant. When ready, create a new, dedicated Subaccount for a production tenant.

User access is managed at the Subaccount level, so having different, dedicated Subaccounts for each tenant allows the administrator to control which users have access to which tenants. The URL for each tenant includes a differentiating subdomain that is unique to the Subaccount.

2.4 Subscription Procedure

2.4.1 Create Subaccount

1. Open your BTP Global Account.
2. On the *Account Explorer* screen in the *SAP BTP Cockpit*, click **Create > Subaccount**.
3. Fill out the required fields and edit the default subdomain.
    - The Display Name can be changed later, if desired.
    - The Subdomain name is automatically suggested. This will be used in the URL to regularly access the system. You can edit the default subdomain name. Once the subaccount is created, the subdomain cannot be changed. You will need to delete and recreate the subaccount to change the subdomain.
    - Select a region. It is possible to deploy SAP margin optimization solutions and their required services in all or most data centers, but not every data center has been enabled by SAP. If your desired region or service provider has not been enabled for SAP margin optimization solutions deployment, please contact SAP.
4. Click **Create**. The status of the subaccount will be “Creation Pending.” You may continue with the next steps once the subaccount status changes to “Onboarding” or subsequent status.
5. Click the subaccount **tile** for the Subaccount that was just created.
6. Under General, click **Entitlements**.
7. Use the search field or scroll to find **SAP margin optimization solutions by Vistex** and click on that entry.
8. Choose how this instance of the solution(s) will be used:
    - For productive use, select **standard (Application)**.
    - For non-productive use (test, training, staging, etc.), select **test (Application)**.

2.4.2 Create Service Plan

9. Click **Add Service Plan**.
10. Under *Subaccount Assignment*, select **1 Unit** and click **Save.**
11. Click **Overview** in the top left navigation.
12. Under *General*, click **Instances and Subscriptions**.
13. Click **Create**.
14. Under *Service*, select **SAP margin optimization solutions by Vistex**.
15. Under *Plan*, choose the same setting as in step 8 above.
16. Click **Create**. The status will be “Processing”. After approximately 30 minutes, the creation activity should be completed, and the status will be “Subscribed”.

2.4.3 Go to Application

17. Under *Subscriptions,* click the row for *SAP margin optimization solutions by Vistex*.
    - The URL to the cloud application follows the format…
      https://<subdomain>.sales-solutions-by-vistex.cfapps.<region>.hana.ondemand.com/
    - The URL length is limited to 64 characters.
18. Click **Go to Application** to be taken to the *SAP margin optimization solutions by Vistex* application. This button will be inactive until the creation process is complete ("Subscribed" status).

2.5 Further Reading

Documentation that generally explains how to subscribe to any application using the SAP BTP Cockpit is found here: SAP Business Technology Platform | SAP Help Portal.

After completing the steps described in this section of the document, the next activity is to create an initial administrator user in each of the subscriptions. This process is described here: Order and Provide | SAP Help Portal.

3 User Management

3.1 Creating Users

Every user must be able to log into the SAP Business Technology Platform in order to access the applications of the SAP margin optimization solutions by Vistex suite. To accomplish this, an SAP Business Technology Platform user must be created and linked to a user defined in the solution suite. This is accomplished in three steps: 1) creating an SAP Business [SAP BTP platform] User, 2) creating an SAP margin optimization solution [application suite] user and linking it to the SAP Employee, and 3) registering the user on SAP Business Technology Platform to generate single sign-on and password.

3.1.1 Step #1—Create an SAP Business User

An SAP User is needed for a user to log into the SAP Business Technology Platform and access the Launchpad tiles to use any application.

1. Log into the SAP Business Technology Platform.
2. Locate the “Maintain Employees” tile in the “Employee Master Data” tile group of the Launchpad using one of the following methods:
   - Scroll down the Launchpad screen to the “Employee Master Data” tile group
   - Click on the “Employee Master Data” tab (if displayed)
   - Choose “Employee Master Data” in the drop-down menu at the far right of the tabs
3. Click on the “Maintain Employees” tile to launch the application.
4. Create a new employee by clicking the “New” button at the bottom of the screen.
5. Enter the required information and any additional information to define the employee.
6. Click the “Save” button at the bottom of the screen.
7. Locate the newly created employee in the Employees List and mark the checkbox to the left of the employee.
   - If you later revisit the Employees List, you can view the information entered above by clicking on the row for the employee (but not on the hyperlink for the employee’s User Name).
   - If you later want to revisit the Maintain Business User screen described below, you must click on the hyperlink in the row for the employee’s User Name.
8. Click the “Create Business User” button in the task bar above the Employees List.
   - A new screen called “Maintain Business User” is displayed.
   - Note the User ID value shown in the Business User header and/or in the User Data area of the General section of the Business User details. This value can be helpful in locating the Business User in a future step.
9. Click on the “Assigned Business Roles” tab or scroll down the screen to the “Assigned Business Roles” section.
10. Click the “Add” button at the top of the “Assigned Business Roles” section or click the “Add Business Roles” button at the bottom of the screen.
11. Select one or more roles in the “Add Business Roles” pop-up window by marking the checkbox to the left of each role to be assigned to the user, and then click the “OK” button (or click “Apply” button to assign the selected roles and continue to make more selections, then click “OK” or “Apply” or “Cancel” button).

    The roles required or available for the SAP Business User are:

    - Developer [SAP_BR_DEVELOPER]

- Configuration Expert – Business Process Configuration [BR_BPC_EXPERT]
- Launchpad Default Navigation role [VUI_BNLP_DEFAULT_NAV_CATALOG] is required for any user to be able to use any part of the solution. By itself, this role will not enable any tiles on the Launchpad, but it is a prerequisite role that must be assigned with any other role(s).
- Other roles [VGM_*****] may be available depending on the SAP margin optimization solutions licensed by the customer. One or more of these roles must be assigned to use the corresponding SAP margin optimization solutions.

12. In the “Maintain Business Users” screen, click the “Save” button to store the assigned roles for the user.

3.1.2 Step #2—Create a User in the SAP margin optimization solutions by Vistex suite

An application suite user is needed to access SAP margin optimization solutions and specify the user’s authorizations. This suite-specific user needs to be linked with the SAP Business User [SAP BTP platform user] to allow seamless single sign-on (SSO) access to any solutions offered on SAP BTP.

1. Go to the Home page of the Launchpad.
    - You can link to the Home page in the drop-down menu in the main task bar of the screen. Click the “v” symbol after the screen name in the main task bar and choose Home.
2. Locate the “Users” tile in the “Admin Activities” tile group of the Launchpad using one of the following methods:
    - Scroll down the Launchpad screen to the “Admin Activities” tile group
    - Click on the “Admin Activities” tab (if displayed)
    - Choose “Admin Activities” in the drop-down menu at the far right of the tabs
3. Click on “Users” tile in the Launchpad.
4. Click on the “+” button in the task bar to add a new user.
5. Choose the user type from the pop-up window.
    - System Admin User – assigned to Customer Admin users
    - System User – assigned to general Customer users
6. Enter the user details in the Personal Info and General Info sections
    - Be sure to choose the appropriate Status value for the user.
    - An Inactive status for the user will not allow the user to access the application.
7. Select an existing SAP Business User by clicking the Chooser icon in the “SAP User” field.
    - Locate the desired SAP Business User to link to the SAP margin optimization solution suite user you are creating.
    - You may search for the user or scroll to find the user in the list in the pop-up window.
    - You created this SAP Business User in the previous step and noted its SAP User ID.
8. Select a User Profile and a Role in the Authorization section.
9. Complete any remaining entries.
10. Click the Save button at the bottom of the screen.

A message will be displayed when the user has been saved successfully.

3.1.3 Step #3—Register the User on the SAP Business Technology Platform

When the user is registered in the SAP Business Technology Platform, the password for the user is established, a welcome message is generated to the user, and the single sign-on (SSO) is activated in the identity management (IAM or IDP) solution.

This step is positioned last to avoid generating communication to the user before the user's account and authorizations are established. However, there is no technical dependency on other user creation steps; this step can be performed at any time during the user creation process.

To register the user on SAP Business Technology Platform, please follow the instructions provided by SAP. You may refer to Home [Europe (Rot)] > Overview - SAP BTP Cockpit (ondemand.com).

3.2 Maintaining Users

Existing users defined in the system may require maintenance to change authorizations, disable access or remove the user entirely. This section describes how to perform these maintenance functions.

3.2.1 Passwords

Password initialization occurs during the registration of the user on SAP Business Technology Platform.

Password maintenance is handled by the SAP Business Technology Platform, and the user can reset forgotten passwords or change the password as needed.

3.2.2 Disabling a User

To prevent a user from accessing SAP margin optimization solutions, the application suite user can be disabled without affecting the user's access to other SAP BTP solutions (beyond SAP margin optimization solutions by Vistex) or the SAP Business Technology Platform itself.

To disable an application suite user:

1. Click on the “Users” tile in the “Admin Activities” tile group of the Launchpad.
2. Select the user to disable from the list to view the user details.
3. Click on the “Edit” button at the bottom of the screen.
4. Change the Status value to “Inactive” in the “General Info” section
5. Click on the “Save” button at the bottom of the screen.

If the user should be restricted from the entire SAP Business Technology Platform, please refer to SAP Business Technology Platform documentation regarding its user administration functions.

3.2.3 Blocking a User

In response to a request concerning personal data privacy or protection, information about a person stored as part of a user profile may be deleted, or the entire user existence may be deleted.

User profile information cannot be blocked (hidden from view). It can only be erased in part or entirely.

3.2.4 Deleting a User

In response to a request concerning personal data privacy, protection or similar policy it may be necessary to remove user information from the system.

To delete a SAP margin optimization solution user from the application suite:

1. Click on the “Users” tile in the “Admin Activities” tile group of the Launchpad.
2. Select the user to delete from the list to view the user details.
3. Click on the “Edit” button at the bottom of the screen.
4. Click on the “Delete button in the task bar near the top of the screen.

The user profile, including any references to the user ID in application data or logs, will be deleted. Application data and logs will refer to the original, generic serial number system-assigned to the user profile—not the user ID. To determine what user was associated with the serial number, the user profile must be recovered from backup archives or some documentation outside of the system.

This action only deletes the user profile from the Vistex application suite. To delete user information from the SAP Business Technology Platform or the identity management (IAM or IDP) solution enabling single sign-on (SSO), please refer to the documentation for those solutions.

3.3 User Roles

3.3.1 Predefined Roles

Typical, generic roles have been predefined in the system for each application. These roles are examples and are not intended to be used as delivered in all cases. The authorizations for each tile, related screens, and functions within those screens should be reviewed and granted only as needed for specific groups of users.

Predefined roles are delivered for administrator, analyst, and auditor roles in each application. The analyst role authorizes a user to view or edit data as well as perform functions that process data. The administrator role has similar privileges as that of the analyst role, but also authorizes a user to change some behavioral settings and appearance of the application. An auditor's role authorizes a user to view data but not edit or process data.

The pre-defined roles available in the solutions are:

3.3.1.1 Channel Program Management

Type	Security Object	Manufacturing (I0MFR_ADMIN)	Manufacturing – Audit (I0MFR_ADMIN_ADT)	Manufacturing Analyst (I0MFR_ANLYST)
Tile	Blocked Partners (I0BP_DPP)		VIEW	
Tile	Account Processing (RR_ACCPRSS)			
Tile	Admin Activities (I0WSDADM)			
Tile	Administration Tasks (RRUPLD)			
Tile	Agreements (RR_AGRMTS)			
Tile	Blocked Partners (I0BP_DPP)			
Tile	Calculation Areas (V0PRCCALA)			
Tile	Calculation Areas (V0WSDCALCA)			
Tile	Calculation Buckets (V0_CALBUCK)			
Tile	Catalog - XDFADMIN (XDFADMIN)	EDIT		
Tile	Chargeback Agreements (V0_CBAGR)			
Tile	Chargeback Agreements (V0_CBOPREP)			
Tile	Chargeback Planning (V0CBPLNG)			
Tile	Claim Mass Validations (V0_CLAIMWS)			
Tile	Clauses (V0_CLAUSE)	EDIT	VIEW	EDIT
Tile	Cross Reference (V0MFRCRSRF)	EDIT	VIEW	EDIT
Tile	Currency Exchange Rates (V0CUREXRT)		VIEW	
Tile	Customer Rebate Buckets (V0CRBUCKET)		VIEW	
Tile	Customer Rebate Programs Overview (V0RBADM)		VIEW	
Tile	Customer Rebates (V0MFRCR)	EDIT	VIEW	EDIT
Tile	Customer Tracking (V0CUSTTRCK)	EDIT	VIEW	EDIT
Tile	Data Objects (RR_DO)			
Tile	Data Synch (I0MFRDSYN)	EDIT		EDIT
Tile	Data Synch (I0PRCDSYN)			
Tile	Data Synch (I0WSDDSYN)			
Tile	File Submissions (V0FILESBMN)	EDIT	VIEW	EDIT
Tile	Flexible Group Catalog (V0FLEXGRPS)			
Tile	Maintenance (RR_MNT)			
Tile	Manufacturing Billback Agreements (V0MFRBBPRM)	EDIT	VIEW	EDIT
Tile	Manufacturing Calculation Areas (V0MFRCALCA)	EDIT	VIEW	EDIT

Tile	Manufacturing Checklist (V0MFRCHK)	EDIT	VIEW	EDIT
Tile	Manufacturing Config Setup (I0MFRADM1)	EDIT		EDIT
Tile	Manufacturing Customer Rebate Programs (V0MCRPRGM)		VIEW	
Tile	Manufacturing Flexible Group (V0MFRFLEXG)	EDIT	VIEW	EDIT
Tile	Manufacturing Master Data (V0MFRMSTDT)	EDIT	VIEW	EDIT
Tile	Manufacturing Posting Areas (V0MFRPSTAR)	EDIT	VIEW	EDIT
Tile	Manufacturing Transaction (V0MFRTRNSC)	EDIT	VIEW	EDIT
Tile	Manufacturing Work Manager (I0MFRWM)	EDIT		EDIT
Tile	Master Data (CAN_MSDATA)			
Tile	Parameter Groups (V0PARMGRP)	EDIT		EDIT
Tile	Partner Response (V0_PRRESPO)			
Tile	Planning Hybrid Config (V0PLHBCFG)			
Tile	Posting (V0POSTINGS)	EDIT	VIEW	EDIT
Tile	Posting Accounts (V0POSTACC)	EDIT	VIEW	EDIT
Tile	Posting Area (V0WSDPSARE)			
Tile	Price Review Catalog (V0PRCREW)			
Tile	Pricing Admin Activities (I0PRCADM)			
Tile	Royalties (ROYALTIES)			
Tile	Setup (XDFSETUP)			
Tile	Supplier Claims (V0_CLAIMS)			
Tile	Template (V0_TEMPLAT)	EDIT	VIEW	EDIT
Tile	Tracking (V0_TRCKNG)			
Tile	Trade Program Analytics (V0XDBCUSTM)	EDIT	VIEW	EDIT
Tile	Vendor Account Planning (V0VNPLSC)			
Tile	Vendor Master Agreements (V0VNMSTR)			
Tile	Vendor Program Analytics (V0XDBVNDRB)			
Tile	Vendor Rebates (VR_AGR)			
Tile	Wholesale Master Data (V0WSDMSTDT)			
Tile	Wholesale Transactions (V0WSDTRNS)			
Tile	Work Manager (WMNG)	EDIT		EDIT
Tile	Workflow Approvers (V0WFAPR)	EDIT	VIEW	EDIT
Tile	WSD Checklist (V0WSDCHK)			
Tile Group	Accounting Process (RR_ACCPRSS)			
Tile Group	Administration Tasks (RR_ADTSK)			
Tile Group	Blocked Partners (I0BP_DPP)		VIEW	
Tile Group	Calculation Areas (V0MFRCALCA)	EDIT		EDIT

Tile Group	Calculation Areas (V0WSDCALCA)			
Tile Group	Chargeback (V0_CBK_ADT)			
Tile Group	Chargeback (V0_CHGBCK)			
Tile Group	Cross References (V0MFRCRSRF)	EDIT		EDIT
Tile Group	Data Sync (I0MFRDSYN)	EDIT		EDIT
Tile Group	Data Sync (I0PRCDSYN)			
Tile Group	Data Sync (I0WSDDSYN)			
Tile Group	Data Sync (RR_DO)			
Tile Group	Expense Recognition (V0MFRCHK)	EDIT		EDIT
Tile Group	File Submissions (V0FILESBMN)	EDIT		EDIT
Tile Group	Flexible Groups (V0FLEXGRPS)			
Tile Group	Flexible Groups (V0MFRFLEXG)	EDIT		EDIT
Tile Group	General Configuration (I0MFRADM)	EDIT		
Tile Group	General Configuration (I0PRCADM)			
Tile Group	General Configuration (I0WSDADM)			
Tile Group	General Configuration (RR_GENCON)			
Tile Group	Licensing Division Contracts (RR_LAGRMTS)			
Tile Group	Maintenance (RR_MNT)			
Tile Group	Master Data (MS_DATA)			
Tile Group	Master Data (V0MDT_ADT)			
Tile Group	Master Data (V0MFRM_ADT)		VIEW	
Tile Group	Master Data (V0MFRMSTDT)	EDIT		EDIT
Tile Group	Master Data (V0MSTRDATA)			
Tile Group	Master Data (V0WSDMSADT)			
Tile Group	Master Data (V0WSDMSTDT)			
Tile Group	Media Division Contracts (RR_AGRMTS)			
Tile Group	Posting Areas (V0MFRPSTAR)	EDIT		EDIT

Tile Group	Posting Areas (V0WSDPSARE)			
Tile Group	Price Review (V0PRCREVW)			
Tile Group	Price Setting (V0PRCCALCA)			
Tile Group	Reports and Funding (V0XDBCUSTM)	EDIT		EDIT
Tile Group	Revenue Recognition (V0WSDCHK)			
Tile Group	Royalties (ROYLTIES)			
Tile Group	Schedule & Monitor (I0MFRWM)	EDIT		EDIT
Tile Group	Schedule & Monitor (I0WSDWM)			
Tile Group	Supplier Funding (V0XDBVNDRB)			
Tile Group	Supplier Programs (V0WSPRGM)			
Tile Group	Trade Programs (V0MCRPRGM)	EDIT		EDIT
Tile Group	Trade Programs (V0WCRPRGM)			
Tile Group	Transactions (V0MFRTRANS)	EDIT		EDIT
Tile Group	Transactions (V0WSDTRADT)			
Tile Group	Transactions (V0WSDTRNS)			

3.3.1.2 Vendor Program Management

Type	Security Object	Wholesale Distribution (I0WSD_ADMIN)	Wholesale Distribution – Audit (I0WSD_ADMIN_ADT)	Wholesale Distribution Analyst (I0WSD_ANLYST)
Tile	Blocked Partners (I0BP_DPP)			
Tile	Account Processing (RR_ACCPRSS)			
Tile	Admin Activities (I0WSDADM)	EDIT		EDIT
Tile	Administration Tasks (RRUPLD)			
Tile	Agreements (RR_AGRMTS)			
Tile	Blocked Partners (I0BP_DPP)		VIEW	
Tile	Calculation Areas (V0PRCCALA)			
Tile	Calculation Areas (V0WSDCALCA)	EDIT	VIEW	EDIT
Tile	Calculation Buckets (V0_CALBUCK)	EDIT	VIEW	EDIT
Tile	Catalog - XDFADMIN (XDFADMIN)	EDIT	VIEW	

Tile	Chargeback Agreements (V0_CBAGR)	EDIT	VIEW	EDIT
Tile	Chargeback Agreements (V0_CBOPREP)		VIEW	
Tile	Chargeback Planning (V0CBPLNG)	EDIT	VIEW	EDIT
Tile	Claim Mass Validations (V0_CLAIMWS)	EDIT	VIEW	EDIT
Tile	Clauses (V0_CLAUSE)	EDIT	VIEW	EDIT
Tile	Cross Reference (V0MFRCRSRF)			
Tile	Currency Exchange Rates (V0CUREXRT)			
Tile	Customer Rebate Buckets (V0CRBUCKET)			
Tile	Customer Rebate Programs Overview (V0RBADM)			
Tile	Customer Rebates (V0MFRCR)	EDIT	VIEW	EDIT
Tile	Customer Tracking (V0CUSTTRCK)	EDIT	VIEW	EDIT
Tile	Data Objects (RR_DO)			
Tile	Data Synch (I0MFRDSYN)			
Tile	Data Synch (I0PRCDSYN)			
Tile	Data Synch (I0WSDDSYN)	EDIT		EDIT
Tile	File Submissions (V0FILESBMN)	EDIT	VIEW	EDIT
Tile	Flexible Group Catalog (V0FLEXGRPS)	EDIT	VIEW	EDIT
Tile	Maintenance (RR_MNT)			
Tile	Manufacturing Billback Agreements (V0MFRBBPRM)			
Tile	Manufacturing Calculation Areas (V0MFRCALCA)			
Tile	Manufacturing Checklist (V0MFRCHK)			
Tile	Manufacturing Config Setup (I0MFRADM1)	EDIT		EDIT
Tile	Manufacturing Customer Rebate Programs (V0MCRPRGM)			
Tile	Manufacturing Flexible Group (V0MFRFLEXG)			
Tile	Manufacturing Master Data (V0MFRMSTDT)			
Tile	Manufacturing Posting Areas (V0MFRPSTAR)			
Tile	Manufacturing Transaction (V0MFRTRNSC)			
Tile	Manufacturing Work Manager (I0MFRWM)			
Tile	Master Data (CAN_MSDATA)			
Tile	Parameter Groups (V0PARMGRP)	EDIT	VIEW	EDIT
Tile	Partner Response (V0_PRRESPO)	EDIT	VIEW	EDIT
Tile	Planning Hybrid Config (V0PLHBCFG)	EDIT	VIEW	EDIT
Tile	Posting (V0POSTINGS)	EDIT	VIEW	EDIT
Tile	Posting Accounts (V0POSTACC)	EDIT	VIEW	EDIT
Tile	Posting Area (V0WSDPSARE)	EDIT	VIEW	EDIT
Tile	Price Review Catalog (V0PRCREW)			
Tile	Pricing Admin Activities (I0PRCADM)			
Tile	Royalties (ROYALTIES)			

Tile	Setup (XDFSETUP)			
Tile	Supplier Claims (V0_CLAIMS)	EDIT	VIEW	EDIT
Tile	Template (V0_TEMPLAT)	EDIT	VIEW	EDIT
Tile	Tracking (V0_TRCKNG)	EDIT	VIEW	EDIT
Tile	Trade Program Analytics (V0XDBCUSTM)	EDIT	VIEW	EDIT
Tile	Vendor Account Planning (V0VNPLSC)	EDIT	VIEW	EDIT
Tile	Vendor Master Agreements (V0VNMSTR)	EDIT	VIEW	EDIT
Tile	Vendor Program Analytics (V0XDBVNDRB)	EDIT	VIEW	EDIT
Tile	Vendor Rebates (VR_AGR)	EDIT	VIEW	EDIT
Tile	Wholesale Master Data (V0WSDMSTDT)	EDIT	VIEW	EDIT
Tile	Wholesale Transactions (V0WSDTRNS)	EDIT	VIEW	EDIT
Tile	Work Manager (WMNG)	EDIT		EDIT
Tile	Workflow Approvers (V0WFAPR)	EDIT	VIEW	EDIT
Tile	WSD Checklist (V0WSDCHK)	EDIT	VIEW	EDIT
Tile Group	Accounting Process (RR_ACCPRSS)			
Tile Group	Administration Tasks (RR_ADTSK)			
Tile Group	Blocked Partners (I0BP_DPP)		VIEW	
Tile Group	Calculation Areas (V0MFRCALCA)			
Tile Group	Calculation Areas (V0WSDCALCA)	EDIT	VIEW	EDIT
Tile Group	Chargeback (V0_CBK_ADT)		VIEW	
Tile Group	Chargeback (V0_CHGBCK)	EDIT		EDIT
Tile Group	Cross References (V0MFRCRSRF)			
Tile Group	Data Sync (I0MFRDSYN)			
Tile Group	Data Sync (I0PRCDSYN)			
Tile Group	Data Sync (I0WSDDSYN)	EDIT		EDIT
Tile Group	Data Sync (RR_DO)			
Tile Group	Expense Recognition (V0MFRCHK)			
Tile Group	File Submissions (V0FILESBMN)	EDIT	VIEW	EDIT
Tile Group	Flexible Groups (V0FLEXGRPS)	EDIT	VIEW	EDIT
Tile Group	Flexible Groups (V0MFRFLEXG)			
Tile Group	General Configuration (I0MFRADM)			
Tile Group	General Configuration (I0PRCADM)			

Tile Group	General Configuration (I0WSDADM)	EDIT		
Tile Group	General Configuration (RR_GENCON)			
Tile Group	Licensing Division Contracts (RR_LAGRMTS)			
Tile Group	Maintenance (RR_MNT)			
Tile Group	Master Data (MS_DATA)			
Tile Group	Master Data (V0MDT_ADT)			
Tile Group	Master Data (V0MFRM_ADT)			
Tile Group	Master Data (V0MFRMSTDT)			
Tile Group	Master Data (V0MSTRDATA)			
Tile Group	Master Data (V0WSDMSADT)		VIEW	
Tile Group	Master Data (V0WSDMSTDT)	EDIT		EDIT
Tile Group	Media Division Contracts (RR_AGRMTS)			
Tile Group	Posting Areas (V0MFRPSTAR)			
Tile Group	Posting Areas (V0WSDPSARE)	EDIT	VIEW	EDIT
Tile Group	Price Review (V0PRCREVW)			
Tile Group	Price Setting (V0PRCCALCA)			
Tile Group	Reports and Funding (V0XDBCUSTM)			
Tile Group	Revenue Recognition (V0WSDCHK)	EDIT	VIEW	EDIT
Tile Group	Royalties (ROYLTIES)			
Tile Group	Schedule & Monitor (I0MFRWM)			
Tile Group	Schedule & Monitor (I0WSDWM)	EDIT		EDIT
Tile Group	Supplier Funding (V0XDBVNDRB)	EDIT	VIEW	EDIT
Tile Group	Supplier Programs (V0WSPRGM)	EDIT	VIEW	EDIT
Tile Group	Trade Programs (V0MCRPRGM)			
Tile Group	Trade Programs (V0WCRPRGM)	EDIT	VIEW	EDIT
Tile Group	Transactions (V0MFRTRANS)			
Tile Group	Transactions (V0WSDTRADT)		VIEW	

Tile Group	Transactions (V0WSDTRNS)	EDIT		EDIT

3.3.1.3 Rights & Royalty Management

Type	Security Object	Admin RR (RRADMIN)	RR Analyst Role (RRANALYST)	Audit RR (RRAUDIT)
Tile	Blocked Partners (I0BP_DPP)			
Tile	Account Processing (RR_ACCPRSS)	EDIT	EDIT	VIEW
Tile	Admin Activities (I0WSDADM)			
Tile	Administration Tasks (RRUPLD)	EDIT	EDIT	VIEW
Tile	Agreements (RR_AGRMTS)	EDIT	EDIT	VIEW
Tile	Blocked Partners (I0BP_DPP)			
Tile	Calculation Areas (V0PRCCALA)			
Tile	Calculation Areas (V0WSDCALCA)			
Tile	Calculation Buckets (V0_CALBUCK)			
Tile	Catalog - XDFADMIN (XDFADMIN)	EDIT		
Tile	Chargeback Agreements (V0_CBAGR)			
Tile	Chargeback Agreements (V0_CBOPREP)			
Tile	Chargeback Planning (V0CBPLNG)			
Tile	Claim Mass Validations (V0_CLAIMWS)			
Tile	Clauses (V0_CLAUSE)			
Tile	Cross Reference (V0MFRCRSRF)			
Tile	Currency Exchange Rates (V0CUREXRT)			
Tile	Customer Rebate Buckets (V0CRBUCKET)			
Tile	Customer Rebate Programs Overview (V0RBADM)			
Tile	Customer Rebates (V0MFRCR)			
Tile	Customer Tracking (V0CUSTTRCK)			
Tile	Data Objects (RR_DO)	EDIT	EDIT	VIEW
Tile	Data Synch (I0MFRDSYN)			
Tile	Data Synch (I0PRCDSYN)			
Tile	Data Synch (I0WSDDSYN)			
Tile	File Submissions (V0FILESBMN)			
Tile	Flexible Group Catalog (V0FLEXGRPS)			
Tile	Maintenance (RR_MNT)	EDIT	EDIT	VIEW

Tile	Manufacturing Billback Agreements (V0MFRBBPRM)			
Tile	Manufacturing Calculation Areas (V0MFRCALCA)			
Tile	Manufacturing Checklist (V0MFRCHK)			
Tile	Manufacturing Config Setup (I0MFRADM1)			
Tile	Manufacturing Customer Rebate Programs (V0MCRPRGM)			
Tile	Manufacturing Flexible Group (V0MFRFLEXG)			
Tile	Manufacturing Master Data (V0MFRMSTDT)			
Tile	Manufacturing Posting Areas (V0MFRPSTAR)			
Tile	Manufacturing Transaction (V0MFRTRNSC)			
Tile	Manufacturing Work Manager (I0MFRWM)			
Tile	Master Data (CAN_MSDATA)	EDIT	EDIT	VIEW
Tile	Parameter Groups (V0PARMGRP)			
Tile	Partner Response (V0_PRRESPO)			
Tile	Planning Hybrid Config (V0PLHBCFG)			
Tile	Posting (V0POSTINGS)			
Tile	Posting Accounts (V0POSTACC)			
Tile	Posting Area (V0WSDPSARE)			
Tile	Price Review Catalog (V0PRCREW)			
Tile	Pricing Admin Activities (I0PRCADM)			
Tile	Royalties (ROYALTIES)	EDIT	EDIT	VIEW
Tile	Setup (XDFSETUP)	EDIT	EDIT	
Tile	Supplier Claims (V0_CLAIMS)			
Tile	Template (V0_TEMPLAT)			
Tile	Tracking (V0_TRCKNG)			
Tile	Trade Program Analytics (V0XDBCUSTM)			
Tile	Vendor Account Planning (V0VNPLSC)			
Tile	Vendor Master Agreements (V0VNMSTR)			
Tile	Vendor Program Analytics (V0XDBVNDRB)			
Tile	Vendor Rebates (VR_AGR)			
Tile	Wholesale Master Data (V0WSDMSTDT)			
Tile	Wholesale Transactions (V0WSDTRNS)			
Tile	Work Manager (WMNG)			
Tile	Workflow Approvers (V0WFAPR)			
Tile	WSD Checklist (V0WSDCHK)			
Tile Group	Accounting Process (RR_ACCPRSS)	EDIT	EDIT	VIEW
Tile Group	Administration Tasks (RR_ADTSK)	EDIT	EDIT	VIEW
Tile Group	Blocked Partners (I0BP_DPP)			

Tile Group	Calculation Areas (V0MFRCALCA)			
Tile Group	Calculation Areas (V0WSDCALCA)			
Tile Group	Chargeback (V0_CBK_ADT)			
Tile Group	Chargeback (V0_CHGBCK)			
Tile Group	Cross References (V0MFRCRSRF)			
Tile Group	Data Sync (I0MFRDSYN)			
Tile Group	Data Sync (I0PRCDSYN)			
Tile Group	Data Sync (I0WSDDSYN)			
Tile Group	Data Sync (RR_DO)	EDIT	EDIT	VIEW
Tile Group	Expense Recognition (V0MFRCHK)			
Tile Group	File Submissions (V0FILESBMN)			
Tile Group	Flexible Groups (V0FLEXGRPS)			
Tile Group	Flexible Groups (V0MFRFLEXG)			
Tile Group	General Configuration (I0MFRADM)			
Tile Group	General Configuration (I0PRCADM)			
Tile Group	General Configuration (I0WSDADM)			
Tile Group	General Configuration (RR_GENCON)	EDIT		
Tile Group	Licensing Division Contracts (RR_LAGRMTS)	EDIT	EDIT	VIEW
Tile Group	Maintenance (RR_MNT)	EDIT	EDIT	VIEW
Tile Group	Master Data (MS_DATA)	EDIT	EDIT	VIEW
Tile Group	Master Data (V0MDT_ADT)			
Tile Group	Master Data (V0MFRM_ADT)			
Tile Group	Master Data (V0MFRMSTDT)			
Tile Group	Master Data (V0MSTRDATA)			
Tile Group	Master Data (V0WSDMSADT)			
Tile Group	Master Data (V0WSDMSTDT)			
Tile Group	Media Division Contracts (RR_AGRMTS)	EDIT	EDIT	VIEW

Tile Group	Posting Areas (V0MFRPSTAR)			
Tile Group	Posting Areas (V0WSDPSARE)			
Tile Group	Price Review (V0PRCREVW)			
Tile Group	Price Setting (V0PRCCALCA)			
Tile Group	Reports and Funding (V0XDBCUSTM)			
Tile Group	Revenue Recognition (V0WSDCHK)			
Tile Group	Royalties (ROYLTIES)	EDIT	EDIT	VIEW
Tile Group	Schedule & Monitor (I0MFRWM)			
Tile Group	Schedule & Monitor (I0WSDWM)			
Tile Group	Supplier Funding (V0XDBVNDRB)			
Tile Group	Supplier Programs (V0WSPRGM)			
Tile Group	Trade Programs (V0MCRPRGM)			
Tile Group	Trade Programs (V0WCRPRGM)			
Tile Group	Transactions (V0MFRTRANS)			
Tile Group	Transactions (V0WSDTRADT)			
Tile Group	Transactions (V0WSDTRNS)			

3.3.1.4 Extended Price Management

Type	Security Object	Pricing Admin (I0WSDPRW_ADMIN)	Pricing Admin – Audit (I0WSDPRW_ADMIN_ADT)	Pricing Analyst (I0WSDPRW_ANLYST)
Tile	Blocked Partners (I0BP_DPP)		VIEW	
Tile	Account Processing (RR_ACCPRSS)			
Tile	Admin Activities (I0WSDADM)			
Tile	Administration Tasks (RRUPLD)			
Tile	Agreements (RR_AGRMTS)			
Tile	Blocked Partners (I0BP_DPP)			
Tile	Calculation Areas (V0PRCCALA)	EDIT	VIEW	EDIT

Tile	Calculation Areas (V0WSDCALCA)			
Tile	Calculation Buckets (V0_CALBUCK)			
Tile	Catalog - XDFADMIN (XDFADMIN)	EDIT		
Tile	Chargeback Agreements (V0_CBAGR)			
Tile	Chargeback Agreements (V0_CBOPREP)			
Tile	Chargeback Planning (V0CBPLNG)			
Tile	Claim Mass Validations (V0_CLAIMWS)			
Tile	Clauses (V0_CLAUSE)			
Tile	Cross Reference (V0MFRCRSRF)			
Tile	Currency Exchange Rates (V0CUREXRT)			
Tile	Customer Rebate Buckets (V0CRBUCKET)			
Tile	Customer Rebate Programs Overview (V0RBADM)			
Tile	Customer Rebates (V0MFRCR)			
Tile	Customer Tracking (V0CUSTTRCK)			
Tile	Data Objects (RR_DO)			
Tile	Data Synch (I0MFRDSYN)			
Tile	Data Synch (I0PRCDSYN)	EDIT		EDIT
Tile	Data Synch (I0WSDDSYN)			
Tile	File Submissions (V0FILESBMN)			
Tile	Flexible Group Catalog (V0FLEXGRPS)			
Tile	Maintenance (RR_MNT)			
Tile	Manufacturing Billback Agreements (V0MFRBBPRM)			
Tile	Manufacturing Calculation Areas (V0MFRCALCA)			
Tile	Manufacturing Checklist (V0MFRCHK)			
Tile	Manufacturing Config Setup (I0MFRADM1)			
Tile	Manufacturing Customer Rebate Programs (V0MCRPRGM)			
Tile	Manufacturing Flexible Group (V0MFRFLEXG)			
Tile	Manufacturing Master Data (V0MFRMSTDT)			
Tile	Manufacturing Posting Areas (V0MFRPSTAR)			
Tile	Manufacturing Transaction (V0MFRTRNSC)			
Tile	Manufacturing Work Manager (I0MFRWM)			
Tile	Master Data (CAN_MSDATA)			
Tile	Parameter Groups (V0PARMGRP)			
Tile	Partner Response (V0_PRRESPO)			
Tile	Planning Hybrid Config (V0PLHBCFG)			

Tile	Posting (V0POSTINGS)			
Tile	Posting Accounts (V0POSTACC)	EDIT	VIEW	EDIT
Tile	Posting Area (V0WSDPSARE)			
Tile	Price Review Catalog (V0PRCREW)	EDIT	VIEW	EDIT
Tile	Pricing Admin Activities (I0PRCADM)	EDIT		EDIT
Tile	Royalties (ROYALTIES)			
Tile	Setup (XDFSETUP)			
Tile	Supplier Claims (V0_CLAIMS)			
Tile	Template (V0_TEMPLAT)			
Tile	Tracking (V0_TRCKNG)			
Tile	Trade Program Analytics (V0XDBCUSTM)			
Tile	Vendor Account Planning (V0VNPLSC)			
Tile	Vendor Master Agreements (V0VNMSTR)			
Tile	Vendor Program Analytics (V0XDBVNDRB)			
Tile	Vendor Rebates (VR_AGR)			
Tile	Wholesale Master Data (V0WSDMSTDT)	EDIT	VIEW	EDIT
Tile	Wholesale Transactions (V0WSDTRNS)			
Tile	Work Manager (WMNG)			
Tile	Workflow Approvers (V0WFAPR)			
Tile	WSD Checklist (V0WSDCHK)			
Tile Group	Accounting Process (RR_ACCPRSS)			
Tile Group	Administration Tasks (RR_ADTSK)			
Tile Group	Blocked Partners (I0BP_DPP)		VIEW	
Tile Group	Calculation Areas (V0MFRCALCA)			
Tile Group	Calculation Areas (V0WSDCALCA)			
Tile Group	Chargeback (V0_CBK_ADT)			
Tile Group	Chargeback (V0_CHGBCK)			
Tile Group	Cross References (V0MFRCRSRF)			
Tile Group	Data Sync (I0MFRDSYN)			
Tile Group	Data Sync (I0PRCDSYN)	EDIT		EDIT
Tile Group	Data Sync (I0WSDDSYN)			
Tile Group	Data Sync (RR_DO)			
Tile Group	Expense Recognition (V0MFRCHK)			

Tile Group	File Submissions (V0FILESBMN)			
Tile Group	Flexible Groups (V0FLEXGRPS)			
Tile Group	Flexible Groups (V0MFRFLEXG)			
Tile Group	General Configuration (I0MFRADM)			
Tile Group	General Configuration (I0PRCADM)	EDIT		
Tile Group	General Configuration (I0WSDADM)			
Tile Group	General Configuration (RR_GENCON)			
Tile Group	Licensing Division Contracts (RR_LAGRMTS)			
Tile Group	Maintenance (RR_MNT)			
Tile Group	Master Data (MS_DATA)			
Tile Group	Master Data (V0MDT_ADT)		VIEW	
Tile Group	Master Data (V0MFRM_ADT)			
Tile Group	Master Data (V0MFRMSTDT)			
Tile Group	Master Data (V0MSTRDATA)	EDIT		EDIT
Tile Group	Master Data (V0WSDMSADT)			
Tile Group	Master Data (V0WSDMSTDT)			
Tile Group	Media Division Contracts (RR_AGRMTS)			
Tile Group	Posting Areas (V0MFRPSTAR)			
Tile Group	Posting Areas (V0WSDPSARE)			
Tile Group	Price Review (V0PRCREVW)	EDIT	VIEW	EDIT
Tile Group	Price Setting (V0PRCCALCA)	EDIT	VIEW	EDIT
Tile Group	Reports and Funding (V0XDBCUSTM)			
Tile Group	Revenue Recognition (V0WSDCHK)			
Tile Group	Royalties (ROYLTIES)			
Tile Group	Schedule & Monitor (I0MFRWM)			
Tile Group	Schedule & Monitor (I0WSDWM)			
Tile Group	Supplier Funding (V0XDBVNDRB)			

Tile Group	Supplier Programs (V0WSPRGM)			
Tile Group	Trade Programs (V0MCRPRGM)			
Tile Group	Trade Programs (V0WCRPRGM)			
Tile Group	Transactions (V0MFRTRANS)			
Tile Group	Transactions (V0WSDTRADT)			
Tile Group	Transactions (V0WSDTRNS)			

3.3.1.5 Price Staging Hub

Type	Security Object	High Performance Pricing (VHPPR)	User-High Performance Pricing (VHUSR)
Tile	Master Data (VHPRMD)	EDIT	EDIT
Tile	Revenue & Expense (V0XPMJR)	VIEW	
Tile	Admin (VADMIN)	EDIT	
Tile	API (VHAPI)	VIEW	VIEW
Tile	Pricing (VHPR)	EDIT	EDIT
Tile Group	Master Data (VHPRMD)	EDIT	EDIT
Tile Group	Pricing (VHPR)	EDIT	EDIT
Tile Group	API (VHAPI)	VIEW	VIEW
Tile Group	Admin (VADMIN)	EDIT	
Tile Group	Revenue & Expense Recognition (V0XPMJR)	VIEW	
Space	Master Data (VHPR01)	EDIT	EDIT
Space	Pricing (VHPR)	EDIT	EDIT
Space	API (VHAPI)	VIEW	VIEW
Space	Admin (VADMIN)	EDIT	
Space	Revenue & Expense Recognition (V0XPMJR)	VIEW	

3.3.1.6 Excise Tax Management

Type	Security Object	Excise Tax Admin (ETADMIN)	Excise Tax Analyst (ETSUSER)	Excise Tax Audit (ETAUDIT)
Tile	External Data (ETADEXRDT1)	EDIT	EDIT	

Tile	Master Data (ETADMSDA1)	EDIT	EDIT	VIEW
Tile	Posting (ETADPOSTN1)	EDIT	EDIT	VIEW
Tile	Setup (ETADSETUP1)	EDIT		
Tile	Tools (ETADTXOV1)	EDIT	EDIT	VIEW
Tile	Tax Rates (ETADTXRTD1)	EDIT	EDIT	VIEW
Tile	Setup (ETSETUP2)		EDIT	VIEW
Tile Group	Master Data (ETADMSDA1)	EDIT	EDIT	VIEW
Tile Group	Tax Rate Document (ETADTXRTD1)	EDIT	EDIT	VIEW
Tile Group	Tools (ETADTXOV1)	EDIT	EDIT	
Tile Group	Postings (ETADPOSTN1)	EDIT	EDIT	VIEW
Tile Group	External Data (ETADEXRDT1)	EDIT	EDIT	
Tile Group	Tools (ETAUTOOLS1)			VIEW
Spaces - Parent	Excise Tax Management (ETADEXTM_P)	EDIT	EDIT	
Spaces - Parent	Administrative Tasks (ETADADMT_P)	EDIT		
Spaces - Parent	Administrative Tasks (ET1ADMTSKP)		EDIT	VIEW
Spaces - Parent	Excise Tax Management (ETAUEXTM_P)			VIEW
Spaces - Child	Excise Tax Management (ETADEXTXM1)	EDIT	EDIT	
Spaces - Child	Excise Tax Management (ETAUEXTXM1)			VIEW
Spaces - Child	Administrative Tasks (ETADADMTS1)	EDIT		
Spaces - Child	Administrative Tasks (ETADMTSKN1)		EDIT	VIEW

3.3.2 Defining Roles

Roles are defined by administrators and assigned to users as appropriate.

To view, modify or define a role:

1. Go to the Home page of the Launchpad.
   - You can link to the Home page in the drop-down menu in the main taskbar of the screen. Click the “v” symbol after the screen name in the main taskbar and choose Home.
2. Choose the “General Configuration” tab or from the main drop-down menu at the far right of the main tab bar.
3. Click on the “Setup” tile from the “General Configuration” tile group

- Note that the tile name may begin with “Setup,” followed by an application name

4. Using the navigation pane on the left side of the screen, scroll to “UI Settings” and expand it.
5. Click on “Define UI Roles”

After selecting a role, you can view the authorizations in the “Launchpad” tab. “Tile” type authorizations represent individual tiles displayed on the Launchpad. If a Tile authorization is not given, the tile will not be displayed for any user having this role, and there will be no access to the screens and functions within the application area represented by the tile. “Tile Group” (or “Catalog,” as shown on the application screen) type authorizations represent screens, buttons, or other functions within the application area represented by the tile. Each of the Tile Group (Catalog) authorizations can be individually granted to a role to provide limited access to the screens, buttons or other functions within the application area represented by the tile.

4 System Monitoring

The Customer Administrator can monitor system services to ensure that these services are working properly. These services include integration to SAP S/4HANA or SAP ECC ERP to obtain master and/or transactional data or provide financial and/or pricing data. These services also include the cloud platform and its resources that are used to run the application suite and store application data.

4.1 Work Manager

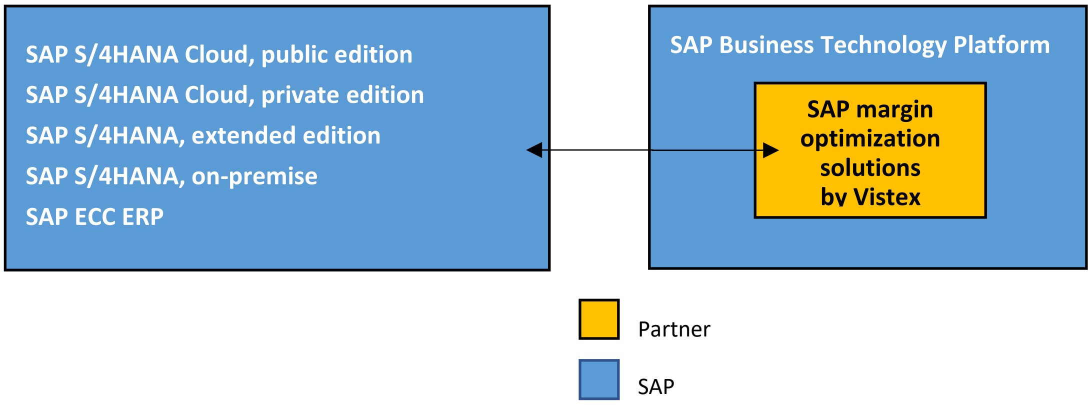
Work Manager is the tool used to schedule jobs and sequence processing, typically for processing and posting transactions. All jobs and their status are viewed in one central screen with drill-through capabilities to see details, follow-on documents, and error messages.

The tasks or jobs defined and scheduled in Work Manager are called "services." Work Manager Services can be interfaces to other systems that send or receive data (called Data Services), or internal system functions such as validating data, calculating amounts or creating financial postings.

4.1.1 Data Services

Data Services are the application interfaces that send and receive data to/from other systems. Vistex can configure any number of data services to any number of source or destination systems to provide complete communication of necessary data.

Integration to SAP ERP solutions can take several forms. The diagram below shows the possible deployments of SAP ERP solutions that can be used with the preconfigured data services from the SAP margin optimization solutions by Vistex application suite.



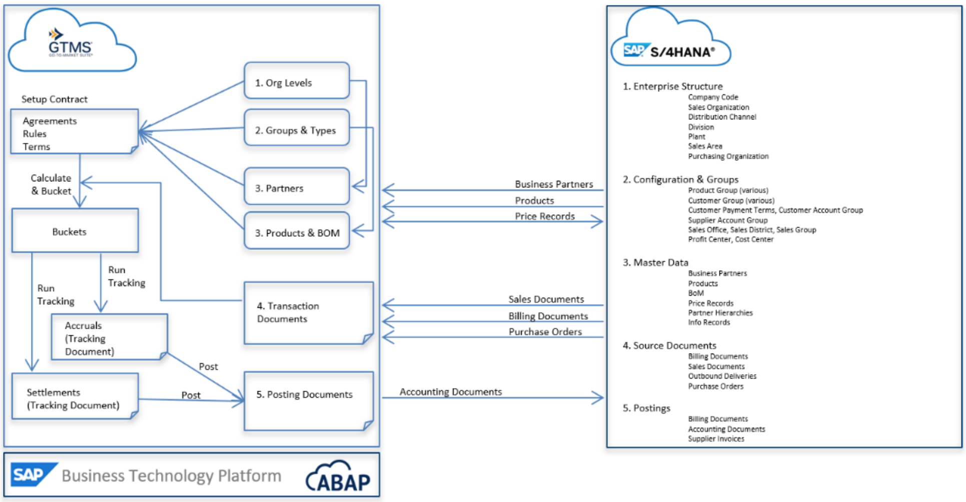
SAP margin optimization solutions by Vistex are designed to offer out-of-the-box integration to SAP S/4HANA versions 2020, 2021, and 2023 (so far) as well as SAP ECC ERP. If you are planning to integrate the Vistex application suite with other versions of SAP software, please contact Vistex directly at support@vistex.com for assistance.

4.1.1.1 Available Data Services

The scope of data services that can be provided in the suite applications are:

Category	Direction	Data Topic	Service Specification (SAP API Hub)
Master Data	Read	Products	Product Master
Master Data	Read	Business Partners	Business Partner
Master Data	Read	Price Condition Records for Sales	Condition Record for Pricing in Sales
Master Data	Read	Price Condition Records for Purchases	Condition Record for Pricing in Purchasing
Transaction Data	Read	Sales Orders	Sales Order Document - Read
Transaction Data	Read	Billing Documents	Billing Document - Read
Transaction Data	Read	Purchase Orders	Purchase Order
Pricing Data	Write	Price Records for Sales	Condition Record for Pricing in Sales
Pricing Data	Write	Price Records for Purchases	Condition Record for Pricing in Purchasing
Transaction Data	Write	Accounting Document	Journal Entry - Post (Synchronous)

The data services in the Vistex cloud solution communicate with SAP S/4HANA using out-of-the-box, publicly released application programming interfaces (APIs). The diagram below depicts the flow of data between Vistex and SAP S/4HANA.



The data services in the Vistex cloud solution communicate with SAP ECC ERP using the standard SAP IDoc format. The scope of data from SAP ECC ERP is the same as SAP S/4HANA integration, only the integration method is different.

4.1.1.2 File Uploads

In addition to interfaces to other systems to pull or push data, data can also be imported into the solution suite from a file.

1. Click the File Upload tile.
2. A list of file upload attempts is displayed with the name, type, date, and results of each attempt.
3. Click on any row in the File Upload list to see more details about the attempt.

4.1.1.3 Monitoring Data Services

1. Locate the “Data Sync” tile group of the Launchpad using one of the following methods:

    - Scroll down the Launchpad screen to the “Data Sync” tile group
    - Click on the “Data Sync” tab (if displayed)
    - Choose “Data Sync” in the drop-down menu at the far right of the tabs

2. Click on one of the tiles in the “Data Sync” tile group.

    Depending on the data services established in your application configuration, you may see some of the following tiles in the “Data Sync” tile group of the Launchpad:

    - Monitor Master Data Sync – customers, suppliers and products from source system(s)

- Monitor Sales Data Sync – sales transactions, such as ERP sales orders or invoices
- Monitor Purchasing Data Sync – purchase transactions, such as ERP purchase orders
- Monitor Supplier Postings Sync – financial postings to ERP accounts payable or receivable
- Condition Records Post–pricing data published to ERP
- Data Objects – data ingestion, cleansing, and validation toolset
- File Upload – imported data from files (instead of data feeds directly interfaced from other systems)

3. In the Overview tab of the Data Sync screen, you will find a listing of the various work managers (services), when each service is executed, and the results of that service execution.
4. Click on the hyperlink for the Latest Run or the Previous Run to see more details of the service execution.

4.1.2 Service Scheduling

Scheduling Considerations

This system may have dependencies on other systems providing accurate and timely data, and other systems may have dependencies on this system to provide timely data.

When scheduling services, you must consider the order of operations within this system as well as interdependent systems to ensure that information is updated before it is passed to support further processes. For example, the timing of services should consider getting updates to master pricing before re-evaluating dependent pricing in agreements, and it should prioritize updates to agreement pricing before processing claims against an agreement. The configured replication frequency should fit the maintenance frequency of business data in the source system to ensure a timely replication of changes.

Scheduling a Service

1. In the upper right corner of the Data Sync screen, click the “Schedule” drop-down menu and choose a work manager job.
2. A pop-up window appears with three tabs:
   - Parameters – every job type can have different parameters
   - Schedule – when the job will execute
   - Description – optional information
3. Click the “Schedule” button at the bottom of the pop-up window.

4.2 Reporting License Metric(s)

The Go-to-Market Suite is licensed using blocks of consumption. Users can monitor the consumption of metric blocks within the solution suite.

Channel Program Management

The subscription to Channel Program Management (CPM) is metered by blocks of expenses paid via the solution. The expenses are reported in the *Expense Recognition* tile group using the *Billback Spend* and *Sales Rebate Spend* tiles. The cumulative amount of expenses settled by the solution as reported for the subscription period can be divided by the block size defined in the license agreement to determine the number of blocks that will be billed for the subscription period.

Vendor Program Management

The subscription to Vendor Program Management (VPM) is metered by blocks of revenue determined by the solution. The revenue is reported in the *Revenue Recognition* tile group using the *Chargeback Revenue* and *Purchase Rebate Revenue* tiles. The cumulative amount of revenue accrued by the solution as reported for the subscription period can be divided by the block size defined in the license agreement to determine the number of blocks that will be billed for the subscription period.

Rights & Royalty Management

The subscription to Rights & Royalty Management (RRM), cloud edition, is metered by blocks of revenue or expenses determined by the solution. Inbound royalties are revenue, while outbound royalties are expenses. When a company has both inbound and outbound royalties (such as a media distribution company), the absolute value of both types of royalties are aggregated, not netted against each other in a simple summation.

The revenue or expense is reported in the *Royalties* tile group using the *Media Royalties* and *Licensing Royalties* tiles. The cumulative amount of revenue or expenses accounted by the solution as reported for the subscription period can be divided by the block size defined in the license agreement to determine the number of blocks that will be billed for the subscription period.

Extended Price Management

The subscription to Extended Price Management (XPM) is metered by blocks of corporate revenue related to the products and services priced by the solution. It is assumed that XPM is used to manage all the prices for the entire company or certain divisions therein rather than attempting to trace the prices to products and the associated revenue-generating sales thereof.

Corporate revenue is not tracked in SAP margin optimization solutions and must be measured in the associated ERP system(s). To find the corporate revenue of a company within SAP S/4HANA, follow the steps outlined below.

Determining Corporate Revenue in SAP S/4HANA

1. Enter transaction SE16n

2. Enter “ACDOCA” in the Table field
3. Enter Selection Criteria suitable for your organization. Common selection criteria that may be relevant:
   - Company Code (RBUKRS) – choose code(s) that match(es) the organization that licensed XPM
   - Fiscal Year (GJAHR) – choose a completed fiscal year and not the year in-progress
   - Account Type (KOART) – typically “D” for Customers
4. Remove the Maximum no. of hits value (default is 500, but we want all results)
5. Click on “Execute”
6. Select the column “Amount in Company Code Currency” and click the “Total” icon in the tool bar.
7. Be aware that this revenue amount may need to be converted into the currency specified in the licensing agreement or order form for block sizes.

Once you have determined the corporate revenue subject to the license agreement (including the scope of revenue matching the usage of the XPM solution, and in a currency matching the block size definition in the licensing agreement), divide the corporate revenue by the block size to determine the minimum number of blocks that must be licensed for compliance with the XPM licensing agreement.

Price Staging Hub

The subscription to Price Staging Hub (PSH) is metered by blocks of corporate revenue related to the products and services priced by the solution. It is assumed that PSH is used to manage all the prices for the entire company or certain divisions therein rather than attempting to trace the prices to products and the associated revenue-generating sales thereof.

Corporate revenue is not tracked in SAP margin optimization solutions and must be measured in the associated ERP system(s). To find the corporate revenue of a company within SAP S/4HANA, follow the steps outlined below.

Determining Corporate Revenue in SAP S/4HANA

1. Enter transaction SE16n
2. Enter “ACDOCA” in the Table field
3. Enter Selection Criteria suitable for your organization. Common selection criteria that may be relevant:
   - Company Code (RBUKRS) – choose code(s) that match(es) the organization that licensed XPM
   - Fiscal Year (GJAHR) – choose a completed fiscal year and not the year in-progress
   - Account Type (KOART) – typically “D” for Customers
4. Remove the Maximum no. of hits value (default is 500, but we want all results)
5. Click on “Execute”
6. Select the column “Amount in Company Code Currency” and click the “Total” icon in the tool bar.
7. Be aware that this revenue amount may need to be converted into the currency specified in the licensing agreement or order form for block sizes.

Once you have determined the corporate revenue subject to the license agreement (including the scope of revenue matching the usage of the PSH solution, and in a currency matching the block size definition in the licensing agreement), divide the corporate revenue by the block size to determine the minimum number of blocks that must be licensed for compliance with the PSH licensing agreement.

Excise Tax Management

The stock ledger is a key component within the SAP Excise Tax Management solution. It serves as a repository for all inventory activity related to excisable goods, primarily for excise tax calculation, reporting, and compliance purposes. The stock ledger calculates excise tax amounts.

The subscription to SAP Excise Tax Management by Vistex is metered by blocks of stock ledger document line items tracked in the solution. The stock ledger line items are calculated via a calculation run and reported in the accrual summary using the data objects. The cumulative amount of stock ledger line items tracked by the solution, as reported for the subscription period, can be divided by the block size defined in the license agreement to determine the number of blocks that will be billed for the subscription period.

5 Support

SAP margin optimization solutions by Vistex are licensed and supported by SAP. All support requests should be directed to SAP according to the instructions in this chapter.

5.1 Operational Support

SAP margin optimization solutions by Vistex are deployed on a robust platform-as-a-service (SAP Business Technology Platform). Operational services—such as failover during service disruptions and regular backups for recovery purposes—are managed by the platform operators, namely SAP.

Any inquiries or service requests of this nature should be submitted through the support process described below.

High Availability

Platform features for High Availability to avoid disruptions are designed and implemented in the platform by SAP.

Disaster Recovery Backup & Restoration

For more information on backups and restoration procedures, please refer to this link:

https://help.sap.com/docs/sap-btp-abap-environment/abap-environment/backups

5.2 Application Support

Vistex provides application-level configuration, monitoring guidance, and operational runbooks. Vistex resources will respond to second- and third-level support tasks as delegated by SAP. Please follow the instructions to submit an incident to SAP for any application support issues.

5.3 Reporting an Issue

If you encounter any issues with SAP margin optimization solutions by Vistex, report an incident on the SAP Support Portal. To report an incident, go to the SAP Support Portal at Services & Support - SAP for Me. In the incident, specify the component XX-PART-VIS-GTM to indicate the incident is related to SAP margin optimization solutions by Vistex.

5.4 Monitoring an Issue

To monitor and resolve open incidents, go to Services & Support - SAP for Me.

6 Data Privacy

Compliance with data privacy and protection (DPP) regulations as well as responding to personal information requests is an important part of managing the application suite solution. This chapter will describe the available features that can be used to comply with DPP and fulfill requests for maintaining and reporting data subject to DPP regulations.

WARNING: Any personal information entered in free text fields cannot be managed by solution! Only those data fields dedicated to holding personal information are masked or hidden when business partners are blocked.

6.1 Reporting Personal Information Usage

A person may request what information has been recorded about him in your system and how his information is being used (purpose). To determine the scope and usage of personal information related to a business partner represented by such person, follow these steps:

1. Locate the “Business Partners EOP” tile in the “Master Data” tile group of the Launchpad using one of the following methods:
    - Scroll down the Launchpad screen to the “Master Data” tile group
    - Click on the “Master Data” tab (if displayed)
    - Choose “Master Data” in the drop-down menu at the far right of the tabs
2. Click on the “Business Partners EOP” tile to launch the application.
3. In the upper right corner of the “Business Partners EOP” screen, click the “Schedule” drop-down menu and choose “Delete Business Partners” job. A pop-up window appears.
4. Enter the identifier for the Business Partner in the Partner External ID field of the pop-up window.
5. The Simulate checkbox near the bottom of the pop-up window should be checked by default. If not, check this box to simulate the deletion.
6. Click the “Schedule” button at the bottom of the pop-up window. The pop-up window will close, and a simulation will run, collecting all the information related to the Business Partner.
7. In the Overview tab of the “Business Partners EOP” screen, locate the job representing the simulation just completed.
8. Click on the hyperlink in the “Latest Run” column for the “Delete Business Partner” work manager item.
9. Now, you will see details of this work manager run.
10. Under the Documents column, you can click on the hyperlink for Partner or Documents to see the information related to the Business Partner.

6.2 Data End of Purpose (Obsolescence)

The solution can monitor the business activity within the solution and determine if the end of purpose has been reached for data in the solution. If enabled, the solution can delete data that is end of purpose once a configurable retention period has expired. This process keeps the minimum amount of data necessary for continued business while supporting audit and financial reporting requirements. When enabled and properly configured, this feature can help you maintain compliance with DPP regulations. This feature is enabled by scheduling a dedicated service to remove end-of-purpose data.

To enable the removal of data that has reached its end of purpose:

1. Locate the “Business Partners EOP” tile in the “Master Data” tile group of the Launchpad using one of the following methods:
   a. Scroll down the Launchpad screen to the “Master Data” tile group
   b. Click on the “Master Data” tab (if displayed)
   c. Choose “Master Data” in the drop-down menu at the far right of the tabs
2. Click on the “Business Partners EOP” tile to launch the application.
3. In the upper right corner of the “Business Partners EOP” screen, click the “Schedule” drop-down menu and choose “Delete EOP Documents” job. A pop-up window appears.
4. Click on the Scheduling tab of the pop-up window and choose how often the work manager should run this job.
5. Click the “Schedule” button at the bottom of the pop-up window. The pop-up window will close, and the work manager job will run according to the schedule you specified.

Most of the information stored in the application suite is interdependent, and these dependencies are considered when determining what data has reached end of purpose. Like an audit trail, the dependencies flow from the end to the beginning of a business process. Within the solution, the final stage of most business processes is the posting of settlements to ERP accounts payable or receivable. These postings depend on calculation results or tracking, which in turn depend on the buckets, which in turn get their data from source transactions like invoices, purchase orders or claims.

When a source document, such as a claim, is fully processed its status changes to indicate that it has reached its end of purpose. When the subsequent documents, up to and including the financial settlement posting, have also reached their end of purpose then the entire set of documents can be removed after the configurable retention period has expired.

6.3 Blocking Business Partners

Blocking and Unblocking

Once all documents, pricing and agreements related to a business partner have reached the end of their purpose, the business partner may be blocked, if requested by the person represented by the business partner defined in master data.

To block a Business Partner, use the blocking feature in SAP S/4HANA ERP. Attempting to block a Business Partner in SAP margin optimization solutions by Vistex will not affect the Business Partner status of the master data record in SAP S/4HANA.

Note: If SAP margin optimization solutions by Vistex is integrated to SAP S/4HANA or SAP ECC ERP, you should block (and unblock) the Business Partner in the SAP system only. The Business Partner in the Vistex application suite will become blocked (and unblocked) automatically through the Business Partner API that is synchronizing data with SAP S/4HANA or SAP ECC ERP.

When a business partner is blocked, the business partner’s data is masked or hidden from view of normal business users. A user with special privileges (e.g. an auditor or a Data Protection Officer) is still able to see the business partner’s data despite the blocked status of the business partner. You will find these system-defined special privileges in various roles with names ending with “_ADT”. Assign such a role to users that should be authorized to see personal information regardless of block status and avoid assigning these roles to common users.

If a Business Partner is unblocked, the visibility of the Business Partner returns to normal for common users.

Removing Blocked Business Partners

When the retention period ends for data that is end of purpose, the data can be removed from the solution. Once all data related to a blocked business partner has been removed from the solution, the solution can also delete the blocked business partner from master data. This feature is enabled by scheduling a dedicated job “Business Partner Delete” to delete blocked business partners and their related data.

To remove a blocked Business Partner and all of its related data:

1. Locate the “Business Partners EOP” tile in the “Master Data” tile group of the Launchpad using one of the following methods:
    a. Scroll down the Launchpad screen to the “Master Data” tile group
    b. Click on the “Master Data” tab (if displayed)
    c. Choose “Master Data” in the drop-down menu at the far right of the tabs
2. Click on the “Business Partners EOP” tile to launch the application.
3. In the upper right corner of the “Business Partners EOP” screen, click the “Schedule” drop-down menu and choose “Delete Business Partners” job. A pop-up window appears.
4. Enter the identifier for the Business Partner in the Partner External ID field of the pop-up window.
5. Clear the checkmark from the Simulate checkbox near the bottom of the pop-up window. By default, this box is always checked.
6. Click on the Scheduling tab of the pop-up window and choose how often the work manager should run this job.
7. Click the “Schedule” button at the bottom of the pop-up window. The pop-up window will close, and the work manager job will run according to the schedule you specified.

Note: The “Delete Business Partners” job removes a blocked business partner and its related data. The “Delete EOP Documents” job only removes data related to a business partner’s business activity, and this job is included as part of the “Delete Business Partners” job.

Viewing Blocked Business Partners

A blocked Business Partner cannot be seen by normal users. The Customer Admin user has the special privileges to view Business Partners after they have been blocked. The Customer Admin can assign this privilege to other users as necessary.

Information related to blocked Business Partners will appear to Customer Admin (and other privileged users) on all screens in the same way non-blocked Business Partner information would appear. To determine if a Business Partner is blocked, or to see a list of blocked Business Partners, use the **Blocked Partners** tile in the **Blocked Partners** tile group.

7 Configuration

Configuration of basic scenarios is available and will be provided as a template for rapid prototyping and implementation.

To use the delivered template productively as-is in the subscriber's environment, the following additional tasks will need to be completed by Vistex staff:

1. Definition of a source system for master data and purchasing/sales transactions as well as a destination for financial postings. This will likely be the subscriber's SAP S/4HANA or ECC ERP system.
2. Set-up of Work Manager tasks for master data, transaction and posting APIs.
3. Definition of user interface settings

There are no configuration settings available to the customer administrator beyond those described in this document. Other configuration settings are possible, but their modification must be performed by Vistex consultants.

The solution can be further configured to enhance these template scenarios as well as introduce new scenarios. The effort to design and implement any enhancements or new scenarios will be project work performed by Vistex consultants and billable to the subscriber separate from regular subscription fees.

8 Decommissioning

Any or all solutions in the application suite can be subscribed to for a term and renewed for subsequent terms. If any solution license is not renewed, the solution(s) can be decommissioned to reduce the footprint for the remaining renewed solutions—or retire the entire suite altogether.

Several teams within Vistex support cloud operations for customers:

- The Vistex Operations team handles the license grant and expiration for each application according to the license agreement. This team also monitors the licensed applications, resources consumed and performance of the productive and non-productive environments.
- Vistex Professional Services handles the implementation (solution setup and integration) and certain aspects of decommissioning (export of data and special data reduction activities).
- Other Vistex teams provide support, software updates and other services to customers.

As the Customer Admin, you can also play a role in the decommissioning process.

Licensing

When one or more subscriptions expire and are not renewed in a timely manner, the licenses to those applications are revoked and the decommissioning of those applications begins.

The Vistex Operations team handles the license grant, revocation and re-enablement for each application according to the license agreement. When the license to an application is revoked, the users (including the Customer Admin) can no longer access the application, its settings and its data.

When an application's subscription is not to be renewed, certain actions can be taken to prepare for the loss of privileges to the application. Such actions can make the solution more efficient for any remaining applications still in use.

For a certain period of time after the subscription expires without renewal (specified in the license agreement), the application, its settings, and its data are retained. The application can be re-licensed through renewal or re-subscription, and access to the application can be restored without loss of data or application-related setup.

Role Assignments

Roles assigned to users (including the Customer Admin) are specific to each application in SAP margin optimization solutions by Vistex. When the license to an application is revoked, the roles associated with the application are removed from the users where assigned. If the application is later renewed, these roles must be re-assigned to the appropriate users.

Integration to other Systems

The scheduled jobs for any APIs are not specific to an application. Therefore, when the license to an application is revoked, no APIs are affected. This means that data might continue to be replicated with no further purpose. When decommissioning only a portion of the applications, the Customer Admin should determine which APIs will no longer be necessary and stop the scheduled work managers for those APIs.

Master data, such as Business Partners and products, as well as source transaction data may be used by multiple applications within the suite. The scope of necessary data may be reduced after some applications are decommissioned. The Customer Admin will need to evaluate the scope of data among APIs to determine if the filters within the API should be adjusted or the API should be disabled completely.

Data Export

Some portion of the application data may need to be retained by the customer—either for recordkeeping or to transfer to a successor solution. Vistex will provide the necessary technical services to extract the required scope of data and provide it to the customer.

Data Erasure

Over time, the solution will automatically remove data that has reached End of Purpose once the configurable retention period has lapsed. After any desired data has been exported from the solution, the retention period can be shortened to eliminate obsolete data sooner than normal as part of the decommissioning process.

Master data for Business Partners and products is not automatically removed, except for blocked Business Partners. If any master data needs to be removed during partial decommissioning, Vistex technical resources will need to intervene.

In the event of a total decommissioning (all licenses expired), the entire solution data set (application data, settings, users, APIs, etc.) will be erased by Vistex Operations after the contractual waiting period has ended.

9 Glossary

Term	Definition
GTMS® or Go-to-Market Suite®	Go-to-Market Suite by Vistex, the official Vistex branding for the “SAP margin optimization solutions by Vistex” suite offered by SAP
XPM	SAP Extended Price Management by Vistex, an application within the suite of SAP margin optimization solutions by Vistex
CPM	SAP Channel Program Management by Vistex, an application within the suite of SAP margin optimization solutions by Vistex
VPM	SAP Vendor Program Management by Vistex, an application within the suite of SAP margin optimization solutions by Vistex
RRM	SAP Rights and Royalty Management by Vistex, cloud edition, an application within the suite of SAP margin optimization solutions by Vistex
PSH	SAP Price Staging Hub by Vistex, an application within the suite of SAP margin optimization solutions by Vistex
ETM	SAP Excise Tax Management by Vistex, an application within the suite of SAP margin optimization solutions by Vistex
BTP	SAP Business Technology Platform (formerly SAP Cloud Platform) – the platform-as-a-service used to offer the applications in SAP margin optimization solutions by Vistex
SSO	Single Sign-On – the ability to use a consistent username and password to access several applications
IAM	Identity and Access Management – a separate solution for managing single sign-on capabilities
IDP	Identity Provider – a user ID authentication service, commonly used for single sign-on
Launchpad	A dashboard consisting of tiles, each tile linked to an application (within either GTMS or BTP)
Work Manager	A GTMS job or service that can be scheduled and monitored

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