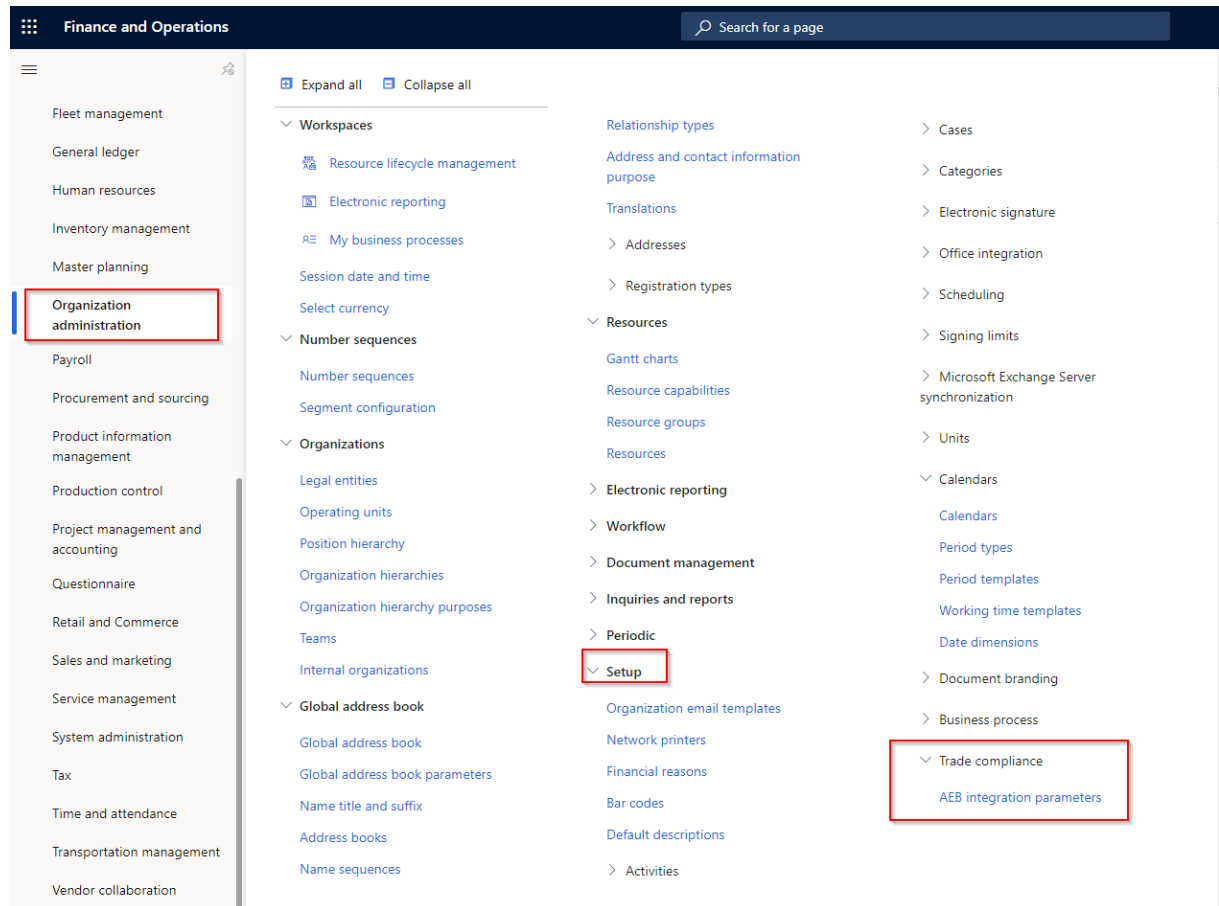


1. FUNCTIONAL DESIGN

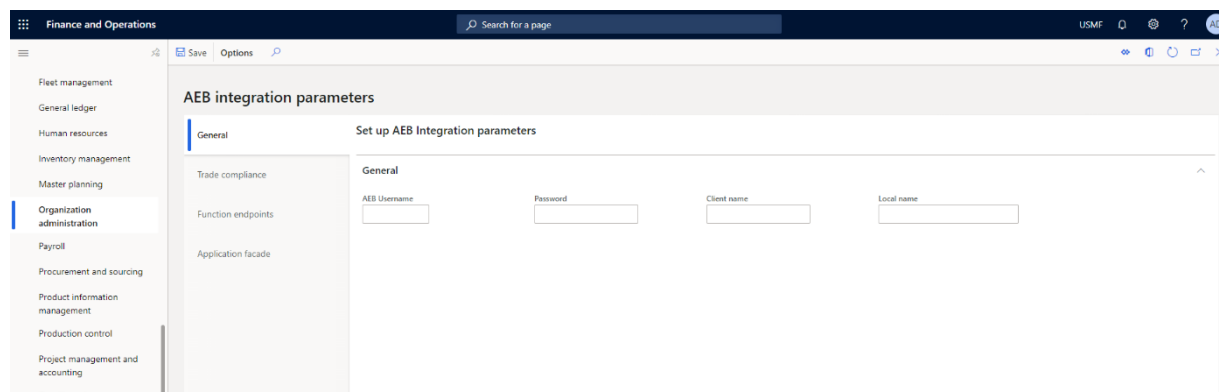
1.1 AEB Integration parameters

Organization administration > Setup > Trade compliance > AEB integration parameters



1.1.1 General

General parameter includes parameters about connection

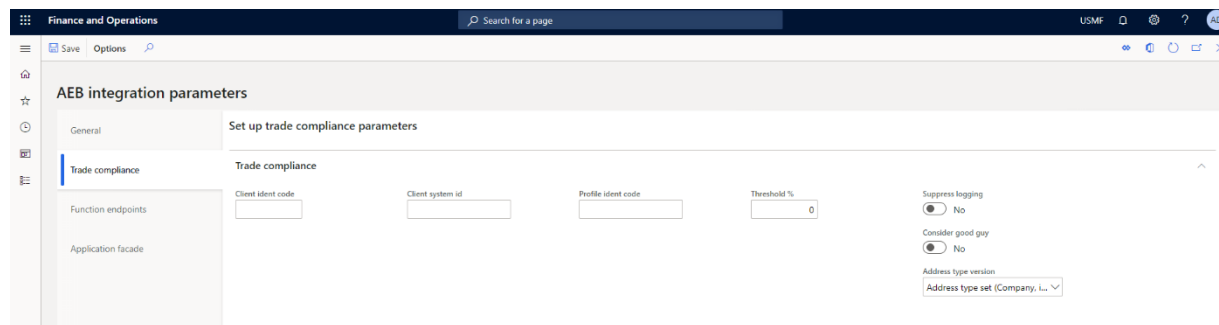


- AEB Username

- Password
- Client name
- Local name

1.1.2 Trade compliance

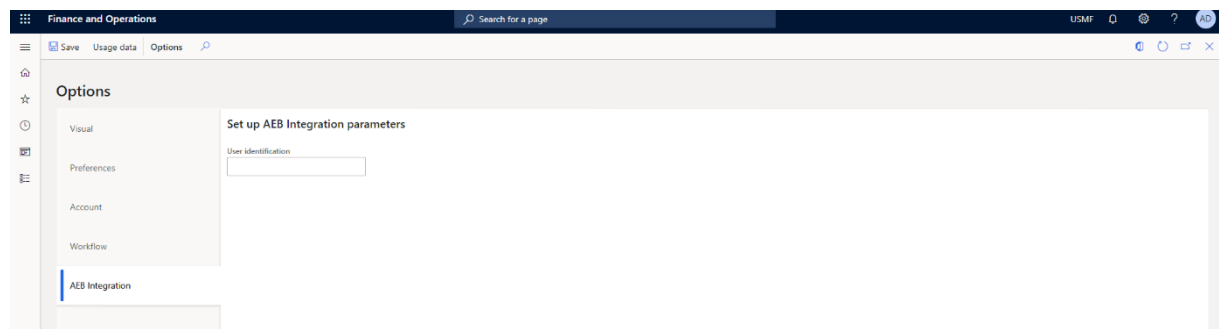
Trade compliance parameters includes parameters about inquiry and result set.



- **Client id code:** Ident code of the client to use for screening. The value must be a valid ident code of a client the authorized user has access to (usually the same client used for authentication).
- **Profile id code:** Ident code of a Compliance profile. The value must be a valid ident code for the client specified by the clientIdentCode.
- **Suppress logging:** Manage creating logs.
- **Client system id:** The unique ID of the host system calling this API. Used when logging the address screening results.
- **Threshold:** Define the similarity threshold which should be used for address screening. Optionally overrides the value from the Compliance profile used. Valid values are: 0% to 100%.
- **Consider good guy:** If 'false' Good Guys will be ignored. If committed or 'true', Good Guys will be considered. Should only be used if Good Guys should be ignored specifically, i.e. to specifically check a Good Guy similar to the Good Guy screening batch.
- **Address type version:** The addressTypeVersion defines the result behaviour of addressType in AddressDTO when calling getMatchingAddresses. Possible values '0' or '1' and the default is '0'. '0' means the possible return values of addressType in AddressDTO are 'company', 'individual', 'bank' and 'vessel' '1' means the possible return values of addressType in AddressDTO are 'entity', 'individual', 'meansOfTransport' and 'unknown'.

1.1.3 User settings

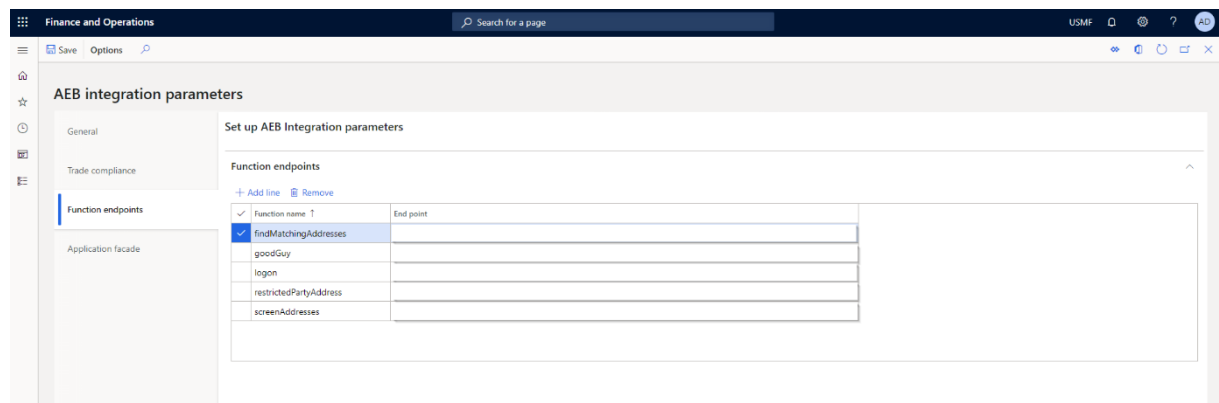
User settings manages parameters regarding to every user.



- **User identification:** A description of the user who made the event. Purely informational and does not have to be an existing user in Trade Compliance.

1.1.4 Function endpoints

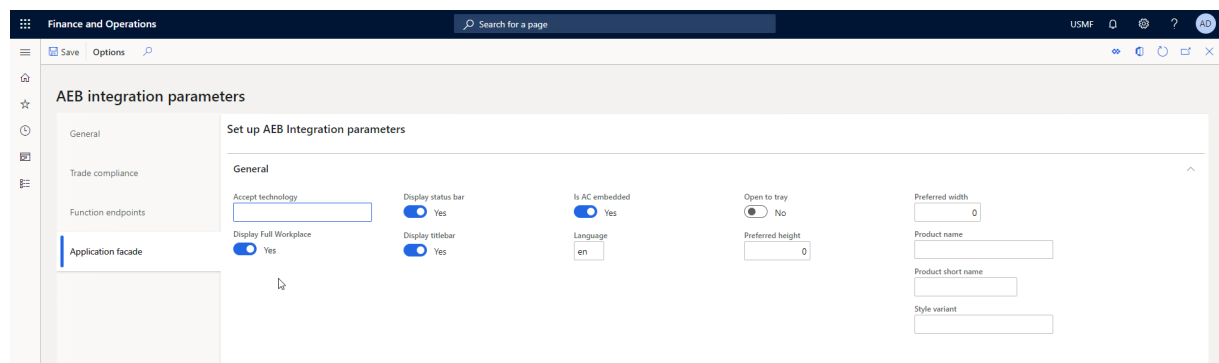
Function endpoints indicates endpoint addresses regarding to web service functions.



- **findMatchingAddresses:** Finds all restricted party addresses matching a given address. Can be used to get more details about matches found via 'screenAddresses'.
- **goodGuy:** Create a Good Guy if it does not already exist. A Good Guy with exactly the same address fields will not be created twice.
- **login:** Logging on and get access token from AEB system.
- **restrictedPartyAddress:** Returns an URL that allows you to embed the restricted party address file into another application.
- **screenAddresses:** Screens addresses against restricted party lists.

1.1.5 Application facade

Application facade parameters manage AEB portal GUI which can be opened from returned service link.



- **Accept technology:** specify which technology the clients wants to access the application; one token (or several, separated by semicolon) - the server may chose to ignore this possible tokens are specific for each server technology, XNSG-Servers currently honour strings from the GUIInvocationTechnology enum (e.g.:CAPTAIN_CASA_APPLET or CAPTAIN_CASA_WEBSTART, VAADIN) if null a default technology is chosen.
- **Display title bar:** "true" to display header, "false" if ac should not show header.
- **Open to tray:** Optional field, which may be set if application should be opened to tray (default: false) - currently not available for vaadin, will be ignored.
- **Product name:** Optional field, which may be set if "productname" differs from standard product name - only available when technology is set to CAPTAINCASA* -
- **Display full workplace:** "true" to display the complete workspace (central, user and info panel). Use "false" or "null" to display only the single ac.
- **Is AC embedded:** "true" to display header and status bar, "false" if ac should be embedded in another.
- **Preferred height:** Optional field, which may be set if preferred height of AF should be different from default. Preferred height may not be always applicable but wins against workstation settings. - not available for vaadin, invoker must open browser in correct way.
- **Product short name:** Optional field, which may be set if productShortName differs from standard product name.
- **Display status bar:** true to display status bar, false.
- **Language:** The two letter ISO code of the language of the new session. Currently "de" and "en" are supported.
- **Preferred width:** Optional field, which may be set if preferred width of AF should be different from default. Preferred height may not be always applicable but wins against workstation settings. - not available for vaadin, invoker must open browser in correct way.
- **Style variant:** customized styleVariant (one of {@link ProductStyleVariant} for application facade.

1.2 Trade compliance inquiry

You can make a trade compliance inquiry regarding to;

- A customer and default delivery address information
 - Go to Menu > Modules > Account receivable > Customers > All customer

Finance and Operations Search for a page

- Home
- Favorites
- Recent
- Workspaces
- Modules
 - Accounts payable
 - Accounts receivable**
 - Asset management
 - Audit workbench
 - Budgeting
 - Cash and bank management
 - Common
 - Consolidations
 - Cost accounting
 - Cost management
 - Credit and collections
 - Demo data
 - Expense management
 - Fixed assets
 - Fleet management
 - General ledger

Expand all Collapse all

- Workspaces
 - Customer invoicing
 - Customer payments
 - Customers**
 - All customers**
 - Customers on hold
 - Customers past due
 - Customer unmerge
- Orders
 - All sales orders
 - Shipped but not invoiced sales orders
 - All fulfilled orders
 - All partially picked orders
 - Intercompany orders
 - All return orders
 - Sales agreements
- Invoices
- Payments
- Periodic tasks
- Inquiries and reports
- Setup
 - Accounts receivable parameters
 - Accounts receivable workflows

Customer groups
Customer posting profiles
Customer reason codes
Customer write-off reason codes
Electronic document property types
Electronic signature certificates
Trade agreement journals
Sales agreement classifications
Invoice origin codes
Billing classifications
Billing codes
Billing code custom fields
Trading partner codes
Forms
Charges setup
Auto charges
Charges code
Customer charge groups
Delivery charges groups
Item charge groups
Payments setup

- On the form select Customer tab from upper ribbon.

Finance and Operations Search for a page USMF ?

Customer Sell Invoice Collect Projects Service Market Retail General Options

Accounts Transactions Balance Forecast Bank accounts Set up Attachments Catalogs Customer service Registration Properties Trade compliance

Change party association Global transactions Summary update Credit cards Product filters Attachments Send catalog Customer service Registration IDs Registration ID search Tax exempt number search Electronic document properties Trade compliance check

All customers Filter

Account	Name	Invoice account	Customer group	Currency	Telephone	Extension	Is merged
DE-001	Contoso Europe	30	90	EUR	01234 56789		
US-001	Contoso Retail San Diego	30	30	USD	321-555-0160		
US-002	Contoso Retail Los Angeles	30	30	USD	123-555-0111		
US-003	Forest Wholesales	10	10	USD	123-555-0159		
US-004	Cave Wholesales	10	10	USD	123-555-0161		
US-005	Contoso Retail Seattle	30	30	USD	123-555-0172		
US-006	Contoso Retail Portland	10	10	USD	123-555-0112		
US-007	Desert Wholesales	30	30	USD	123-555-0162		
US-008	Sparrow Retail	30	30	USD	123-555-0163		
US-009	Owl Wholesales	10	10	USD	123-555-0164		
US-010	Sunset Wholesales	10	10	USD	123-555-0160		
US-011	Contoso Retail Dallas	30	30	USD	123-555-0117		

Related information

- A sales order's customer and sales order's delivery address information
 - Go to Menu > Modules > Account receivable > Orders > All sales orders

Finance and Operations Search for a page

- Home
- Favorites
- Recent
- Workspaces
- Modules
 - Accounts payable
 - Accounts receivable**
 - Asset management
 - Audit workbench
 - Budgeting
 - Cash and bank management
 - Common
 - Consolidations
 - Cost accounting
 - Cost management
 - Credit and collections
 - Demo data
 - Expense management
 - Fixed assets
 - Fleet management
 - General ledger
 - Human resources

Expand all Collapse all

- Workspaces
 - Customer invoicing
 - Customer payments
- Customers
 - All customers
 - Customers on hold
 - Customers past due
 - Customer unmerge
 - Orders**
 - All sales orders**
 - Shipped but not invoiced sales orders
 - All fulfilled orders
 - All partially picked orders
 - Intercompany orders
 - All return orders
 - Sales agreements
- Invoices
- Payments
- Periodic tasks
- Inquiries and reports
- Setup
 - Accounts receivable parameters
 - Accounts receivable workflows

- Customer groups
- Customer posting profiles
- Customer reason codes
- Customer write-off reason codes
- Electronic document property types
- Electronic signature certificates
- Trade agreement journals
- Sales agreement classifications
- Invoice origin codes
- Billing classifications
- Billing codes
- Billing code custom fields
- Trading partner codes
- Forms
- Charges setup
 - Auto charges
 - Charges code
 - Customer charge groups
 - Delivery charges groups
 - Item charge groups
- Payments setup

- On the form select Sales order tab from upper ribbon.

Finance and Operations Search for a page USMF

New Delete Sales order Sell Manage Pick and pack Invoice Retail General Warehouse Transportation Options

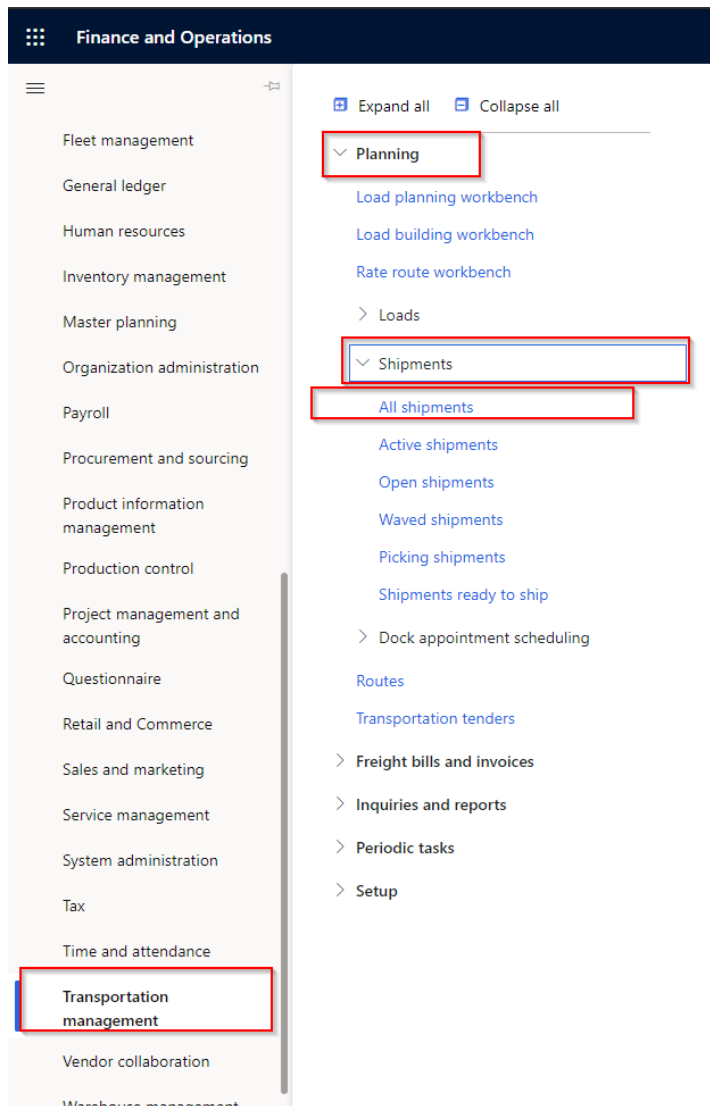
Service order Cancel Payments Copy From all From journal Totals Order credit Order events Functions Recap Order holds Attachments Trade compliance Trade compliance check

All sales orders Filter

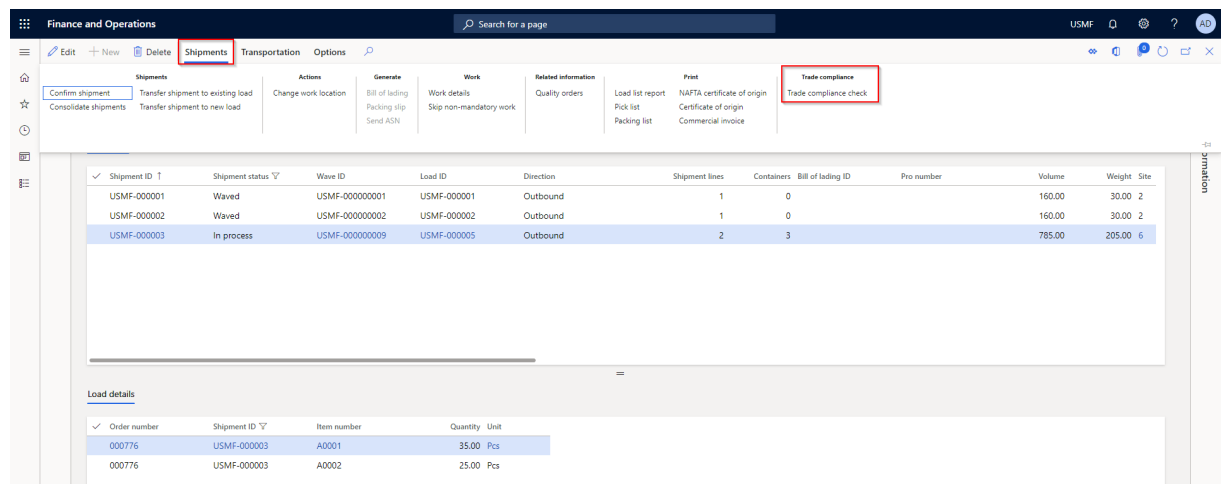
Sales order	Customer account	Customer name	Order type	Invoice account	Channel	Status	Release status	Do not process	HL	Sales to
000732	US-015	Contoso Retail Chicago	Sales order	US-015		Open order	Open			Susan
000733	US-012	Contoso Retail New York	Sales order	US-012		Open order	Open			Susan
000734	US-020	Orchid Shopping	Sales order	US-020		Open order	Open			Susan
000735	US-028	Contoso Retail Miami	Sales order	US-028		Open order	Open			Susan
000747	US-003	Forest Wholesales	Sales order	US-003		Open order	Open			Benjan
000748	US-003	Forest Wholesales	Sales order	US-003		Open order	Released			Stig Pa
000751	US-027	Birch Company	Sales order	US-027		Open order	Open			Stig Pa
000752	US-027	Birch Company	Sales order	US-027		Open order	Released			Stig Pa
000753	US-003	Forest Wholesales	Sales order	US-003		Open order	Open			
000754	US-001	Contoso Retail San Diego	Sales order	US-001		Delivered	Open			Charlie
000768	US-001	Contoso Retail San Diego	Returned order	US-001		Open order	Open			Julia F

- A shipment's customer and shipment's delivery address information

- Go to Menu > Modules > Transportation management > Planning > Shipments > All shipments.



- On the form select Shipments tab from upper ribbon.



- A vendor and default delivery address information
 - Go to Menu > Modules > Accounts payable > Vendors > All vendors.

Finance and Operations

- Home
- Favorites
- Recent
- Workspaces
- Modules
 - Accounts payable**
 - Accounts receivable
 - Asset management
 - Audit workbench
 - Budgeting
 - Cash and bank management
 - Common
 - Consolidations

Vendors

- All vendors
- Vendors on hold
- Vendors past due
- Vendors who are diverse
- Vendor exception groups
- Vendor groups
- Vendor price tolerance groups

- On the form select Vendor tab from upper ribbon.

Finance and Operations

Search for a page

USMF

Vendor | Procurement | Invoice | General | Options

Maintain | Copy | Set up | Transactions | Tax information | Related information | Registration | Trade Compliance

On hold | Add vendor to another legal entity | Contacts | Summary update | Purchase orders with retention | Transactions | Invoices | Update 1099 | Vendor requests | Registration IDs | Trade compliance check

Bank accounts | Vendor state tax IDs | Certifications | Product filters | Global transactions | Balance | Vendor settlement for 1099s | Vendor search | Registration ID search | Tax exempt number search

All vendors

Filter

Vendor account	Name	Vendor hold	Phone	Extension	Primary contact	Group	Currency
1001	Acme Office Supplies	No	773-998-8892			40	USD
1002	Lande Packaging Supplies	No				40	USD
1003	Ade Supply Company	No				20	CAD
104	Best Supplier - Europe	No				10	EUR
AirCarrier	Air Cargo Carrier	No				40	USD
CN-001	Contoso Asia	No	80123) 4567 8901			40	CNY
CompanyCC	CompanyCC	No				40	USD
JP-001	Contoso Chemicals Japan	No				10	JPY
JULIAP	Julia Funderburk	No	425-555-5053	5053		40	USD
LTL Vendor	LTL Vendor	No				40	USD
ONE	One-time vendor	No				ONE	USD

- A purchase order's vendor and purchase order's delivery address information
 - Go to Menu > Modules > Accounts payable > Purchase orders > All purchase orders.

Finance and Operations

Expand all Collapse all

Workspaces

- Vendor invoice entry
- Vendor payments

Vendors

- Purchase orders**
 - All purchase orders
 - Purchase orders assigned to me
 - Purchase orders received but not invoiced
 - Purchase agreements
 - Open prepayments
- Invoices

Accounts payable

- Accounts receivable
- Asset management
- Audit workbench
- Budgeting
- Cost and book management

- On the form select Purchase order tab from upper ribbon.

Finance and Operations

Search for a page

USMF

Purchase order Purchase Manage Receive Invoice Retail Warehouse Transportation General Options

New From a sales order Maintain Request change Cancel Copy From all From journal View Totals Trade compliance Trade compliance check

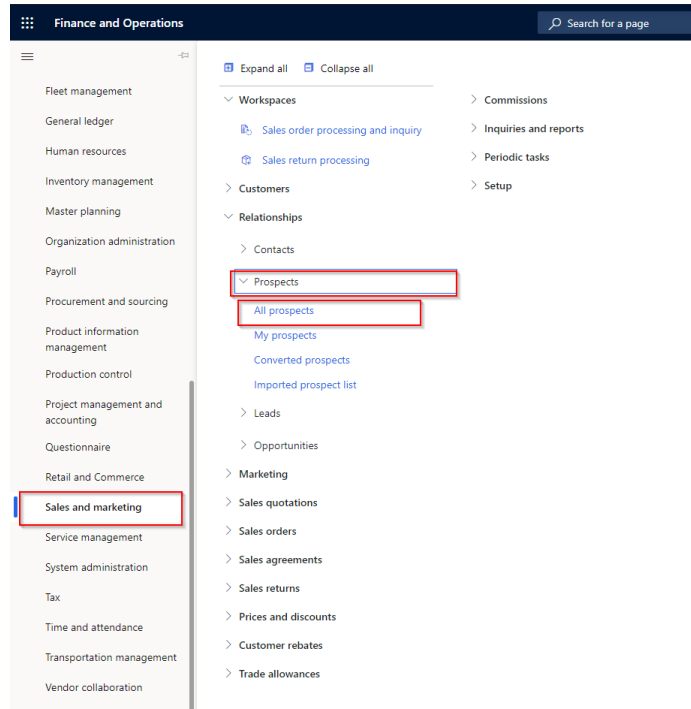
All purchase orders

Filter

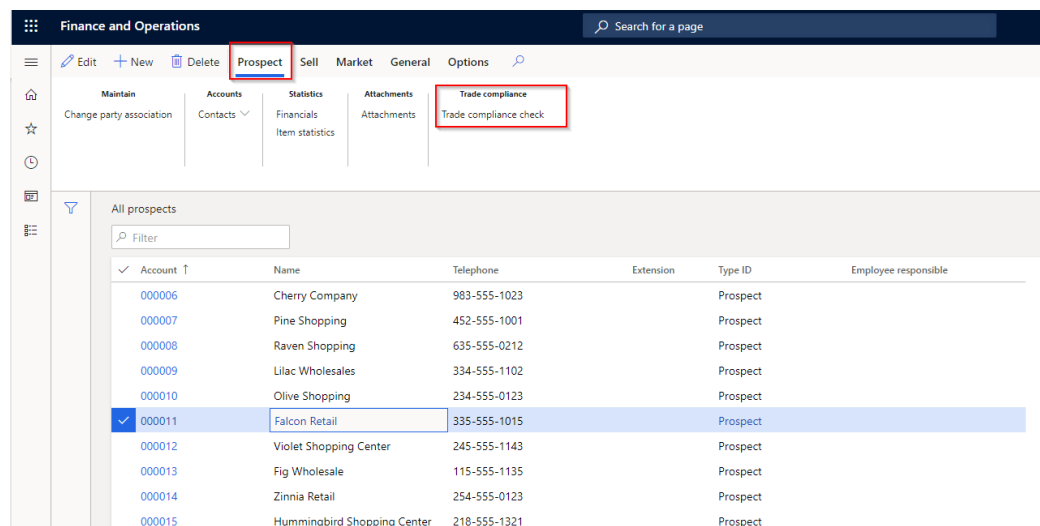
Purchase order	Vendor account	Invoice account	Vendor name	Purchase type	Approval status	Purchase order status	Currency	Delivery date	Mode of delivery
00000041	US-104	US-104	Fabrikam Supplier	Purchase order	Approved	Open order	USD	1/11/2017	10
00000042	US-111	US-111	Contoso office supply	Purchase order	Approved	Open order	USD	2/3/2017	10
00000043	US-111	US-111	Contoso office supply	Purchase order	Approved	Open order	USD	2/3/2017	10
00000044	1003	1003	Ade Supply Company	Purchase order	Approved	Open order	CAD	4/13/2017	10
00000046	US-104	US-104	Fabrikam Supplier	Purchase order	Confirmed	Open order	USD	4/15/2017	10
00000048	US-105	US-105	Datum Receivers	Purchase order	Approved	Open order	USD	8/17/2017	10

Related information

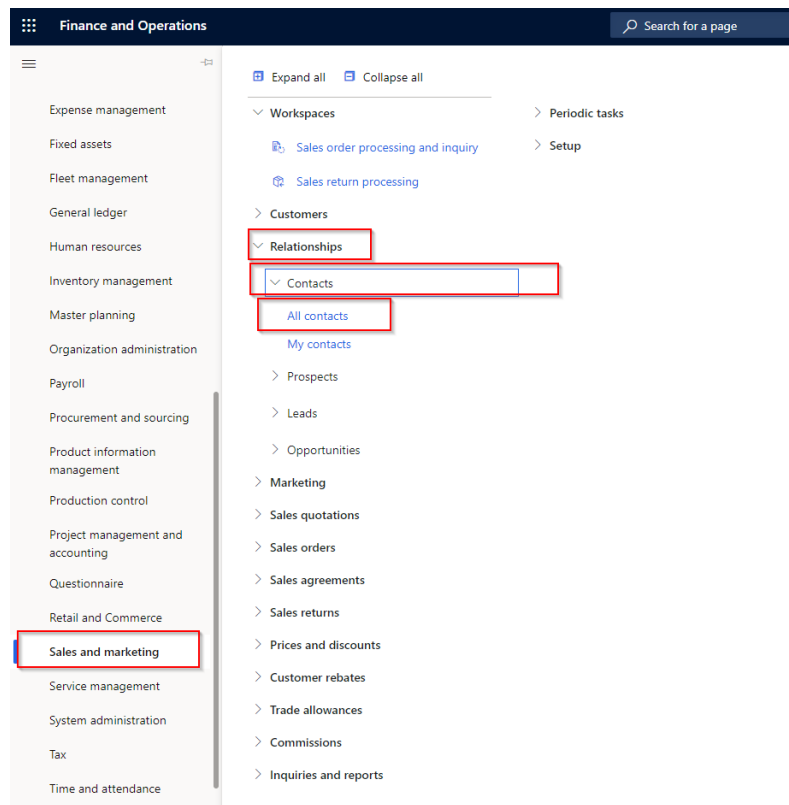
- A business prospect and its address information
 - Go to Menu > Modules > Sales and marketing > Relationship > Prospects > All prospects.



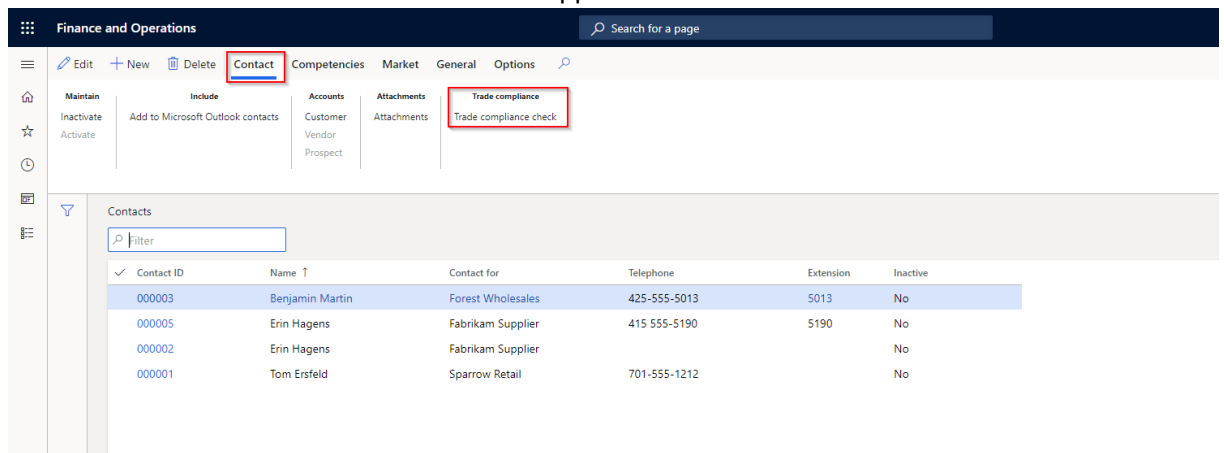
- On the form select Prospect tab from upper ribbon.



- Contact person and its address information
 - Go to Menu > Modules > Sales and marketing > Relationship > Contacts > All contacts.

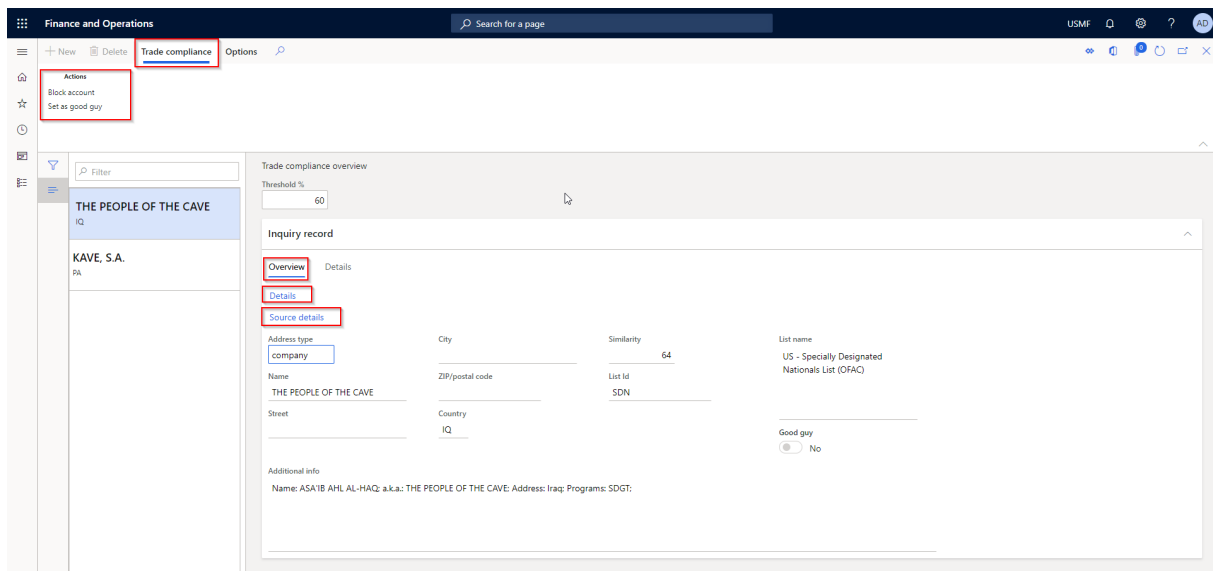


- On the form select Contact tab from upper ribbon.



On result page;

- You can “Block account” for all entities or you can “Set as good guy” for this entity.
- You can change Threshold value to make a better decision for next step.
- You can open AEB GUI from “Details” link.
- You can check source list from “Source details” link.



Finance and Operations | Search for a page | USMF

Trade compliance | Options

Actions: Block account, Set as good guy

THE PEOPLE OF THE CAVE
IQ

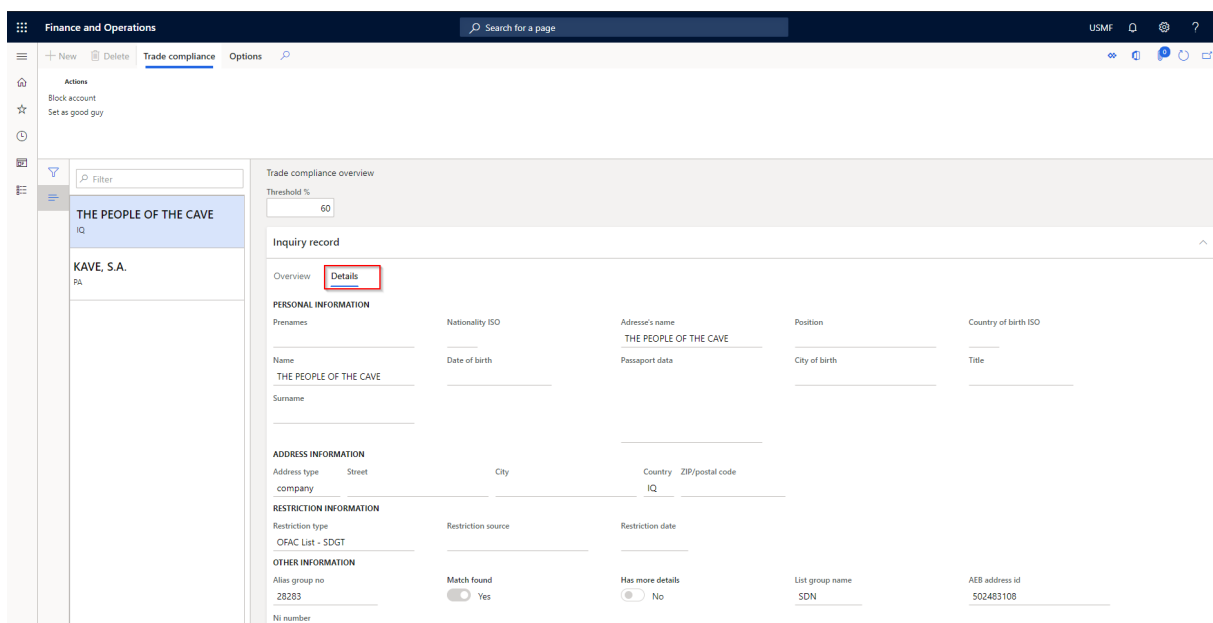
KAVE, S.A.
PA

Trade compliance overview
Threshold %: 60

Inquiry record
Overview | Details | Source details

Address type: company | City: | Similarity: 64 | List name: US - Specially Designated Nationals List (OFAC)
Name: THE PEOPLE OF THE CAVE | ZIP/postal code: | List Id: SDN
Street: | Country: IQ | Good guy: No

Additional info
Name: ASA'IB AHL AL-HAQ a.k.a: THE PEOPLE OF THE CAVE Address: Iraq Programs: SDGT:



Finance and Operations | Search for a page | USMF

Trade compliance | Options

Actions: Block account, Set as good guy

THE PEOPLE OF THE CAVE
IQ

KAVE, S.A.
PA

Trade compliance overview
Threshold %: 60

Inquiry record
Overview | Details

PERSONAL INFORMATION
Prenames: | Nationality ISO: | Adresse's name: THE PEOPLE OF THE CAVE | Position: | Country of birth ISO: |
Name: THE PEOPLE OF THE CAVE | Date of birth: | Passport data: | City of birth: | Title: |
Surname: |

ADDRESS INFORMATION
Address type: company | Street: | City: | Country: IQ | ZIP/postal code: |

RESTRICTION INFORMATION
Restriction type: OFAC List - SDGT | Restriction source: | Restriction date: |

OTHER INFORMATION
Alias group no: 28283 | Match found: Yes | Has more details: No | List group name: SDN | AEB address id: 502483108
NI number: |

If you inquiry a customer or a vendor. You can set them as a conditionally good guy with condition as order (For customer it is sales order, for vendors it is purchase order.)

Finance and Operations

+

 New

🗑️

 Delete

Trade compliance

Options

🔍

 Search for a page

🏠

🌟

🕒

📅

⚙️

Actions

Block account

Set as good guy

🔍

 Filter

FOREST

Trade compliance overview

Threshold %

60

Inquiry record

Overview

Details

Details

Source details

Address type

City

Similarity

List name

meansOffra

83

US - S

Name

ZIP/postal code

List id

Nation

FOREST

SDN

Street

Country

Good guy

Additional info

Name: FOREST; Programs: IRAN; MMSI: 572438210; Vessel Registration Identification: IMO 9283760; Former Vessel Flag: Malta; Former Vessel Flag: Tanzania; Additional Sanctions Information -> Subject to Secondary Sanctions; Call sign: T2DM4; Vessel type: Chemical/Products Tanker; Owner: null; Tonnage: 35124; Gross registered tonnage: 25214; Remarks: (Linked To: NATIONAL IRANIAN TANKER COMPANY);

Define good guy information

Parameters

Sales order

▼

Sales order T

Delivery name

000005

Forest Wholesales

000034

Forest Wholesales

000063

Forest Wholesales

000092

Forest Wholesales

000121

Forest Wholesales

000150

Forest Wholesales

000179

Forest Wholesales

OK

Cancel