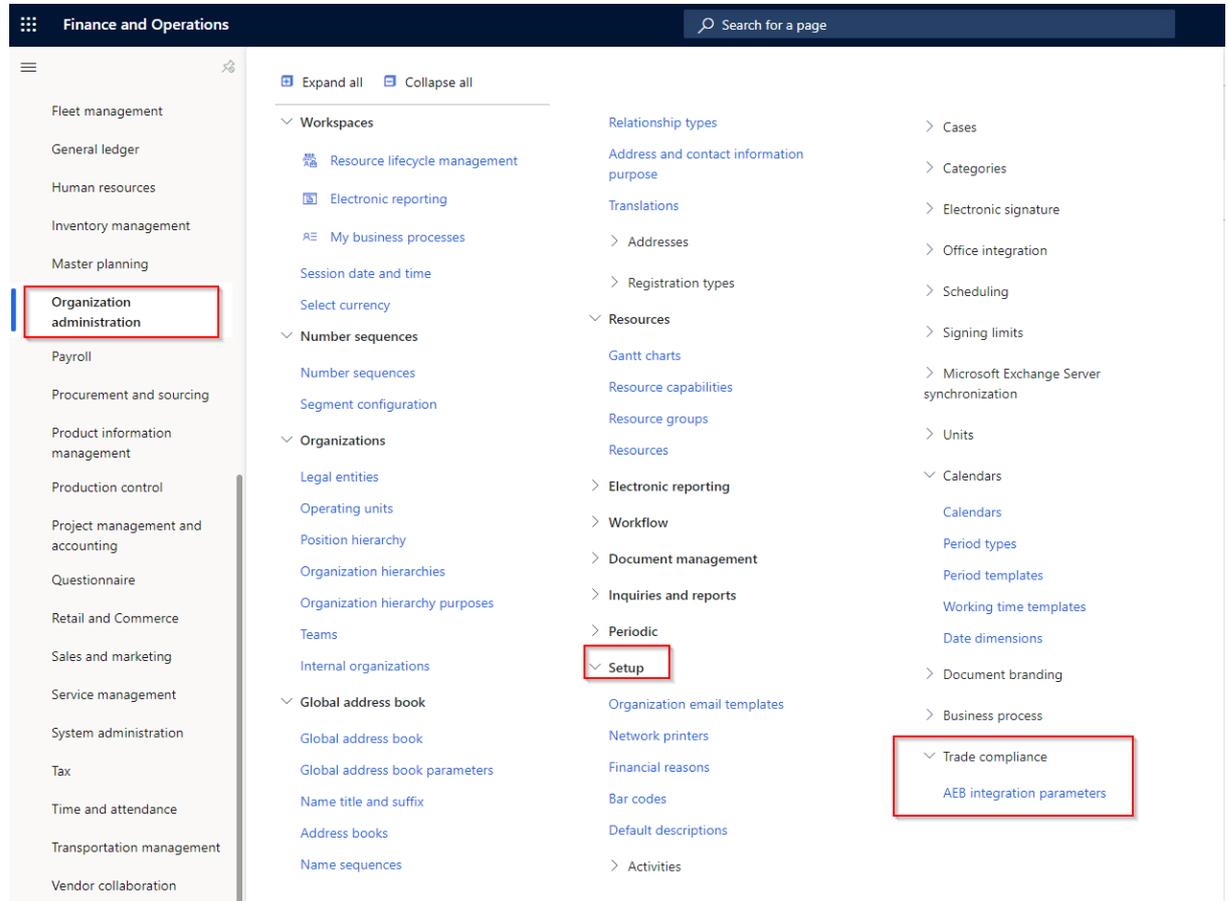


1. FUNCTIONAL DESIGN

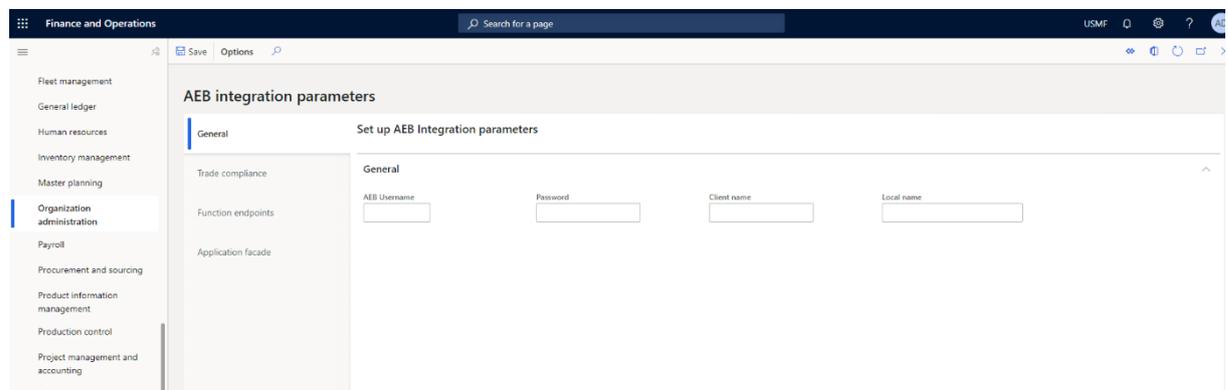
1.1 AEB Integration parameters

Organization administration > Setup > Trade compliance > AEB integration parameters



1.1.1 General

General parameter includes parameters about connection

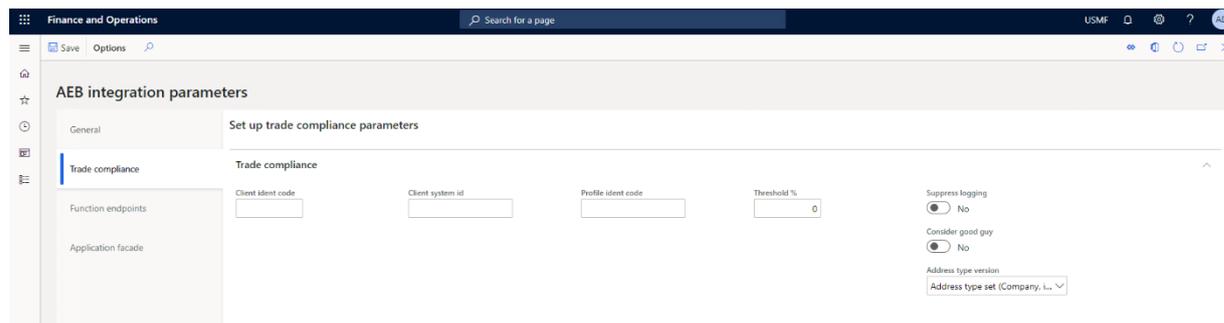


- AEB Username

- Password
- Client name
- Local name

1.1.2 Trade compliance

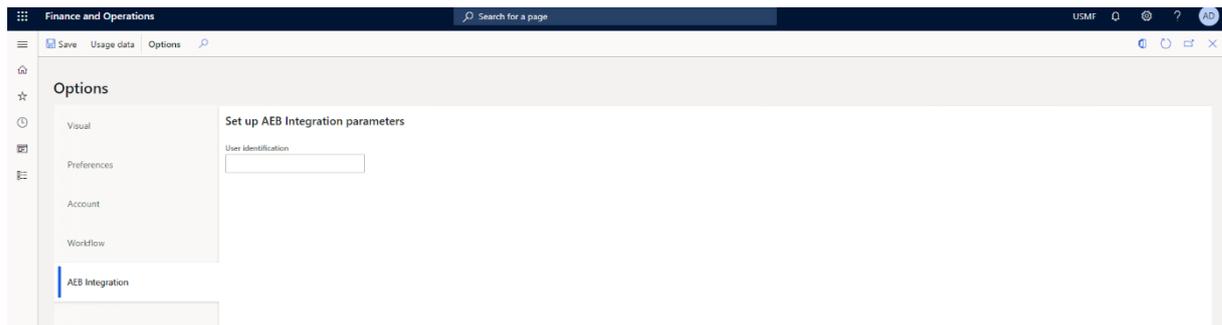
Trade compliance parameters includes parameters about inquiry and result set.



- **Client ident 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 ident 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

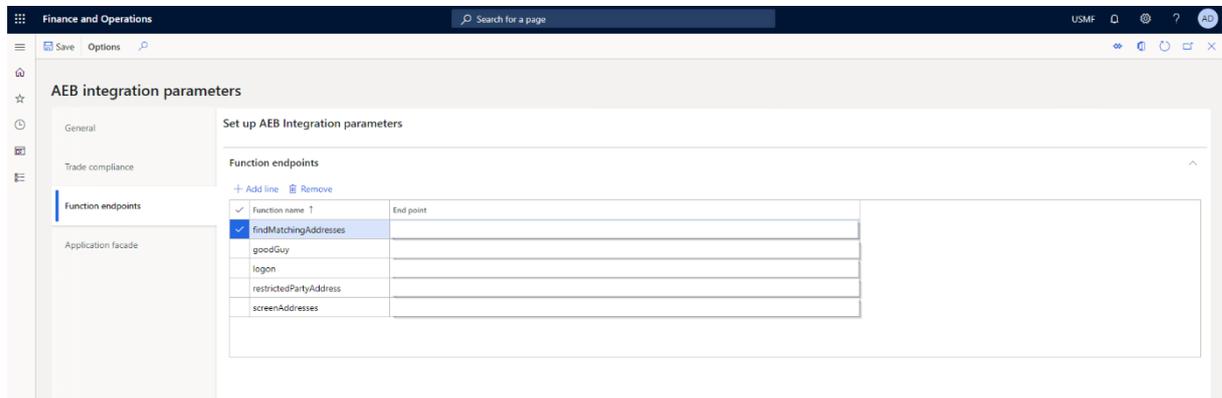
User settings manages parameters regarding to every user.



- **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

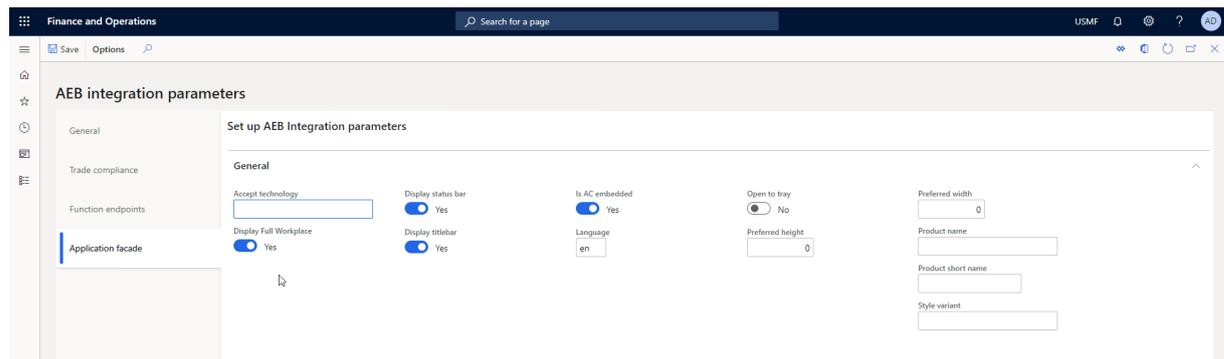
Function endpoints indicates endpoint addresses regarding to web service functions.



- **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.
- **logon:** 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.

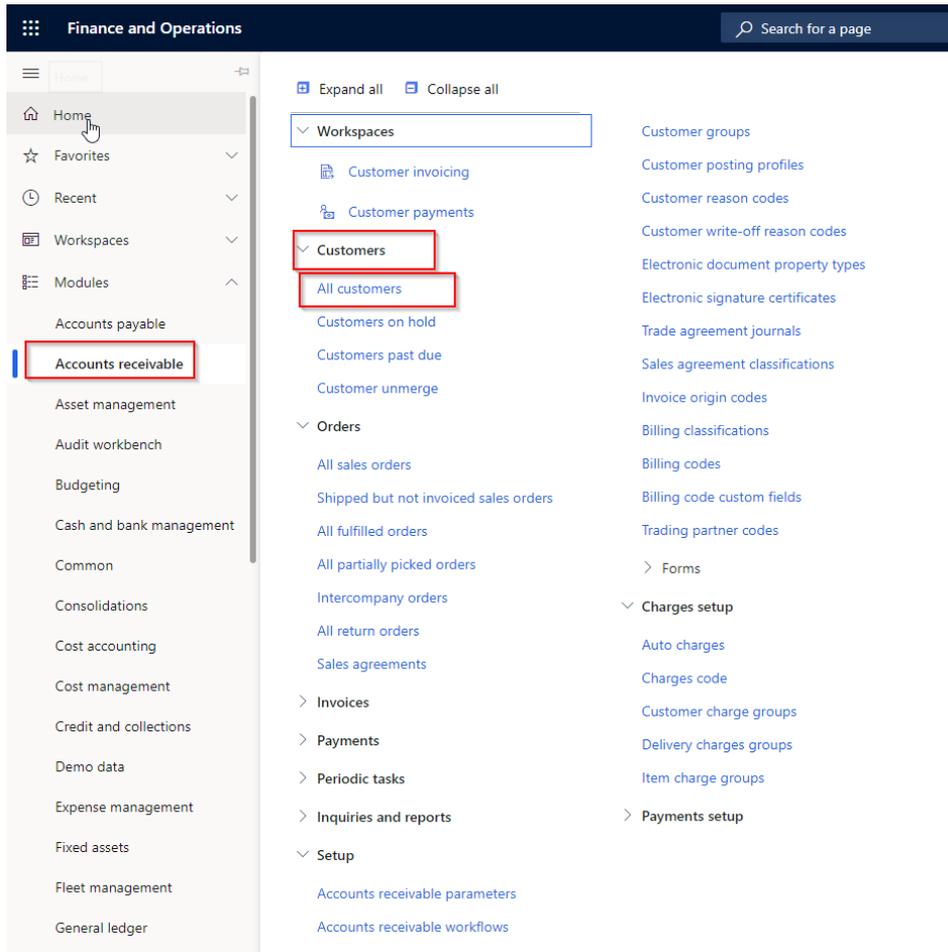


- **Accept technology:** specify which technology the clients wants to access the application; one token (or several, separated by semicolon) - the server may chose to ignore this possible tokens are specific for each server technology, XNSG-Servers currently honour strings from the GUIInvocationTechnology 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.

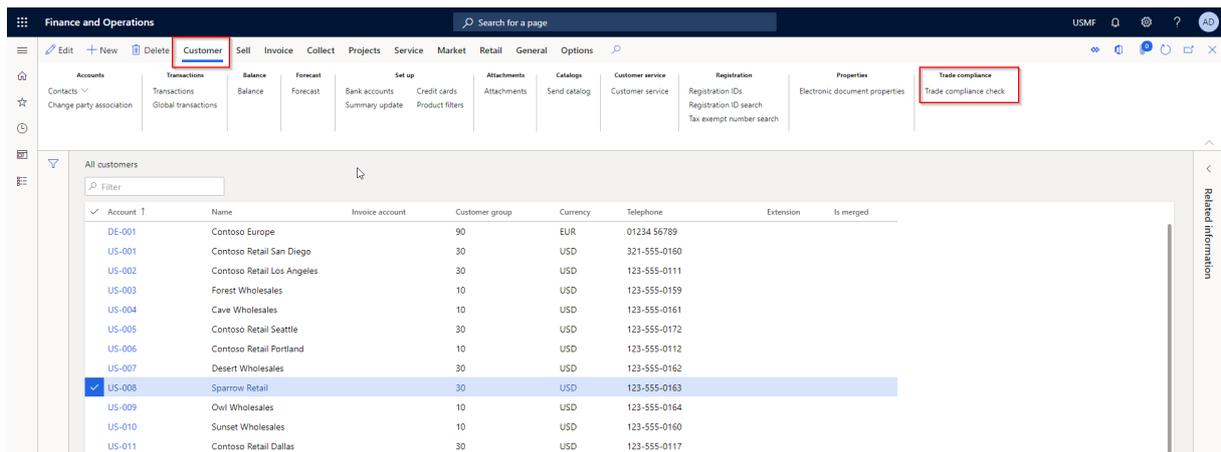
1.2 Trade compliance inquiry

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



- On the form select Customer tab from upper ribbon.



- 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

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

New | Delete | Maintain | Payments | Copy | View | Functions | Attachments | Trade compliance

Service order | Cancel | Payments | From all | Totals | Order credit | Order credit | Notes | Trade compliance check

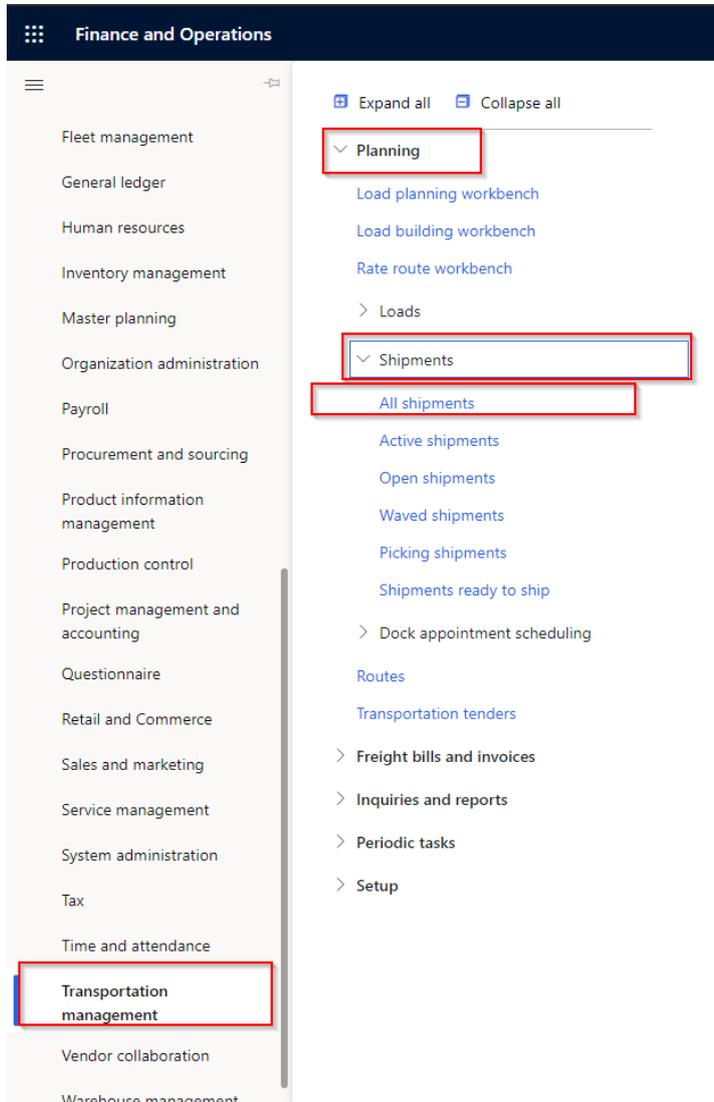
Purchase order | Direct delivery | From journal | Order events | Recap | Order holds

All sales orders

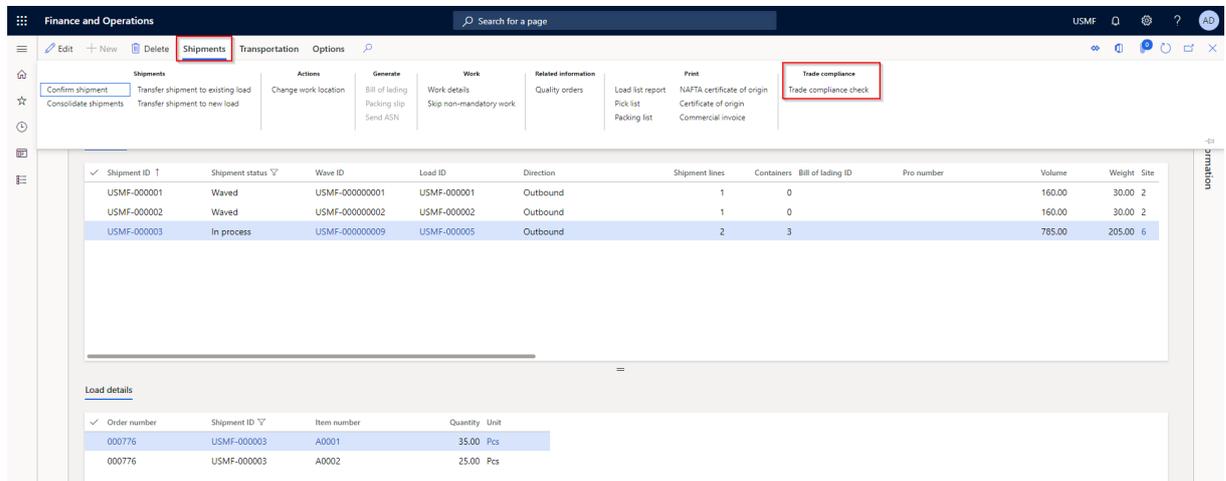
Sales order	Customer account	Customer name	Order type	Invoice account	Channel	Status	Release status	Do not process	H...	Sales to
000732	US-015	Contoso Retail Chicago	Sales order	US-015		Open order	Open			Susan
000733	US-012	Contoso Retail New York	Sales order	US-012		Open order	Open			Susan
000734	US-020	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
000766	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

Expand all Collapse all

- Workspaces
 - Vendor invoice entry
 - Vendor payments
 - Vendors**
 - All vendors**
 - Vendors on hold
 - Vendors past due
 - Vendors who are diverse
 - Vendor exception groups
 - Vendor groups
 - Vendor price tolerance groups
 - Purchase orders
 - Invoices
 - Payments

- On the form select Vendor tab from upper ribbon.

Finance and Operations Search for a page USMF

Vendor Procurement Invoice General Options

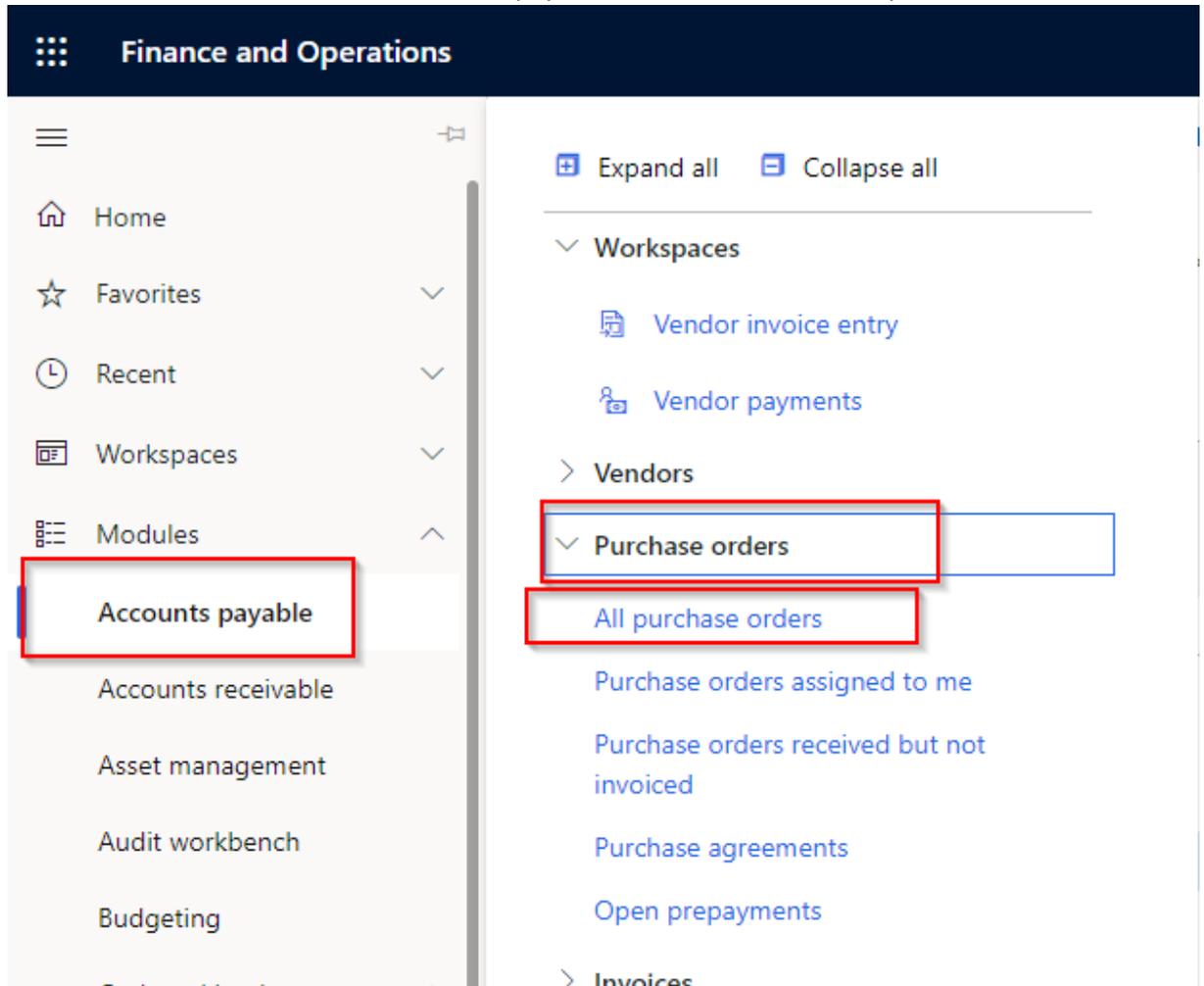
Maintain Copy Set up Transactions Tax information Related information Registration Trade Compliance

On hold Add vendor to another legal entity Contacts Summary update Purchase orders with retention Transactions Invoices Update 1099 Vendor requests Vendor search Registration IDs Registration ID search Tax exempt number search Vendor state tax IDs Bank accounts Certifications Product filters Global transactions Balance Vendor settlement for 1099s

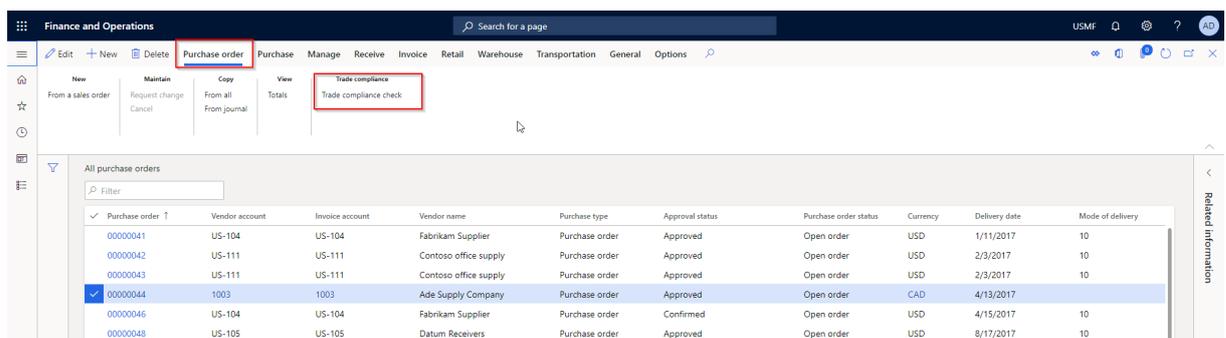
All vendors Filter

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
JULIAF	Julia Funderburk	No	425-555-5053	5053		40	USD
LTL Vendor	LTL Vendor	No				40	USD
ONE	One-time vendor	No				ONE	USD

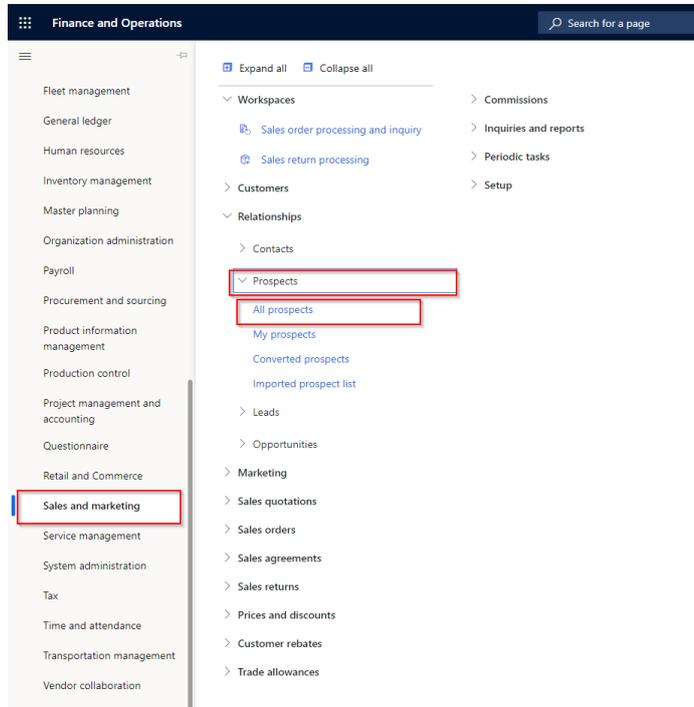
- A purchase order's vendor and purchase order's delivery address information
 - Go to Menu > Modules > Accounts payable > Purchase orders > All purchase orders.



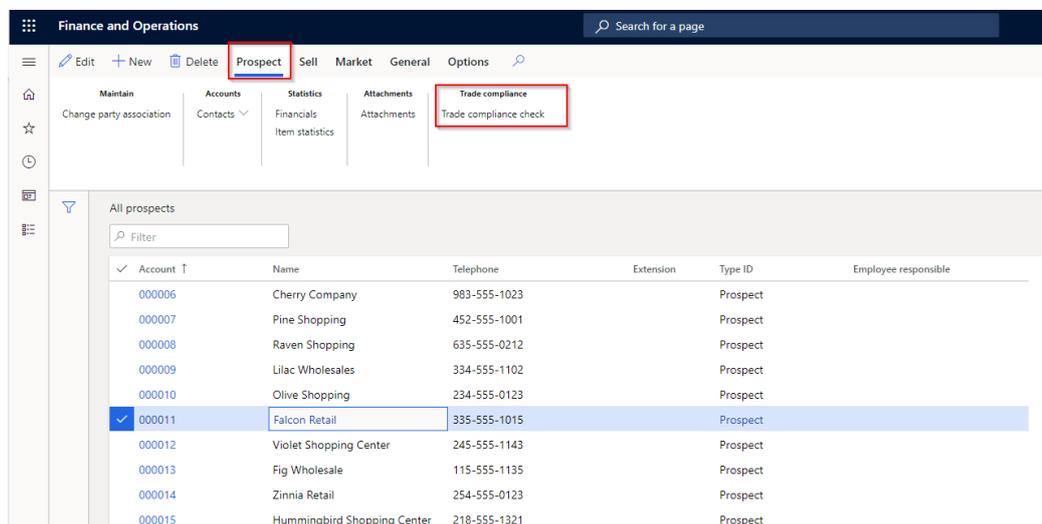
- On the form select Purchase order tab from upper ribbon.



- 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.

Finance and Operations

Expand all Collapse all

- Workspaces
 - Periodic tasks
 - Setup
 - Sales order processing and inquiry
 - Sales return processing
- Customers
 - Relationships
 - Contacts
 - All contacts
 - My contacts
 - Prospects
 - Leads
 - Opportunities
 - Marketing
 - Sales quotations
 - Sales orders
 - Sales agreements
 - Sales returns
 - Prices and discounts
 - Customer rebates
 - Trade allowances
 - Commissions
 - Inquiries and reports

Sales and marketing

○ On the form select Contact tab from upper ribbon.

Finance and Operations

Search for a page

Edit + New Delete **Contact** Competencies Market General Options

Maintain Include Accounts Attachments Trade compliance

Inactivate Add to Microsoft Outlook contacts Customer Attachments Trade compliance check

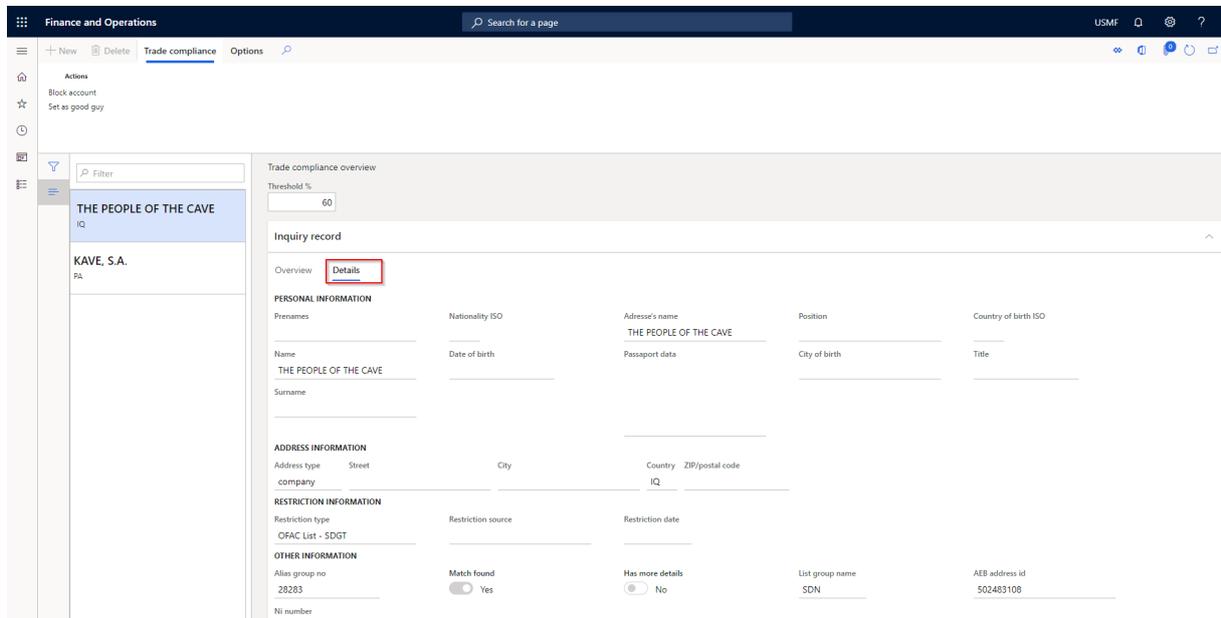
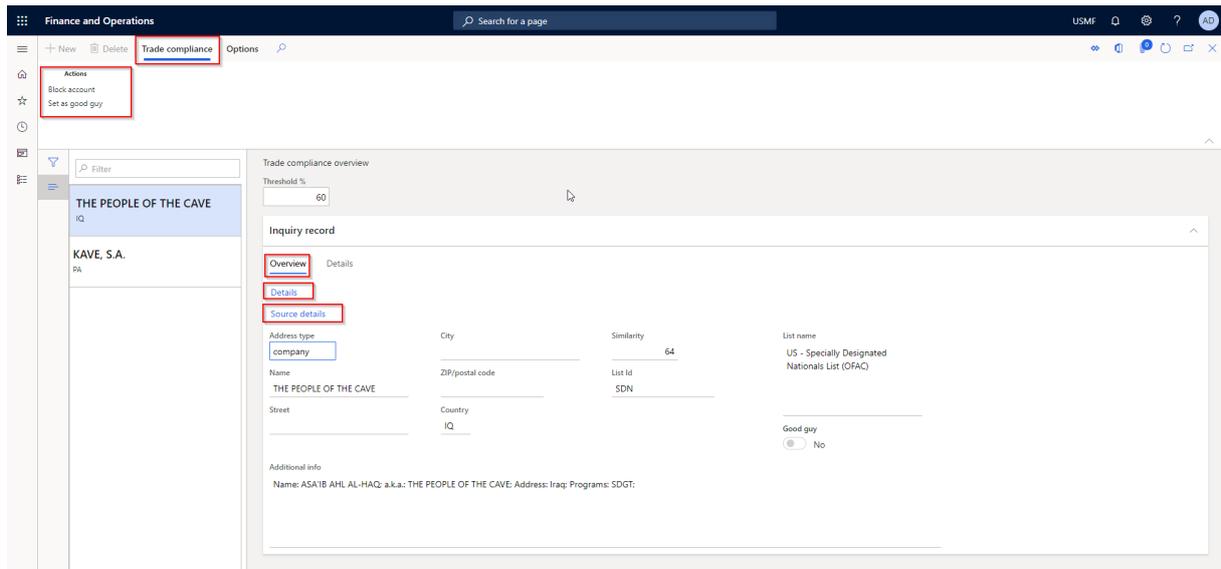
Vendor Prospect

Filter

Contact ID	Name ↑	Contact for	Telephone	Extension	Inactive
000003	Benjamin Martin	Forest Wholesales	425-555-5013	5013	No
000005	Erin Hagens	Fabrikam Supplier	415 555-5190	5190	No
000002	Erin Hagens	Fabrikam Supplier			No
000001	Tom Ersfeld	Sparrow Retail	701-555-1212		No

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.



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.)

The screenshot shows the SAP Trade Compliance Overview for a customer named 'FOREST'. The main window displays a 'Trade compliance overview' with a 'Threshold %' of 60. Below this is an 'Inquiry record' section with tabs for 'Overview' and 'Details'. The 'Overview' tab shows a table with columns for 'Address type', 'City', 'Similarity', and 'List name'. The 'Details' tab shows a table with columns for 'Name', 'ZIP/postal code', 'List Id', and 'Good guy'. The 'Additional info' section contains detailed information about the customer, including programs, vessel registration, and sanctions.

The 'Define good guy information' dialog box is open, showing a list of 'Sales order' and 'Delivery name' pairs. The 'Sales order' column contains values like '000005', '000034', '000063', '000092', '000121', '000150', and '000179'. The 'Delivery name' column contains the value 'Forest Wholesales' for all entries.

Sales order	Delivery name
000005	Forest Wholesales
000034	Forest Wholesales
000063	Forest Wholesales
000092	Forest Wholesales
000121	Forest Wholesales
000150	Forest Wholesales
000179	Forest Wholesales