

1. FUNCTIONAL DESIGN

1.1 AEB Integration parameters

Organization administration > Setup > Trade compliance > AEB integration parameters

	Finance and Operations		\mathcal{P} Search for a page	
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	Fleet management	✓ Workspaces	Relationship types	> Cases
	General ledger	Resource lifecycle management	Address and contact information	> Categories
	Human resources	Electronic reporting	Translations	> Electronic signature
	Inventory management	8∃ My business processes	> Addresses	> Office integration
	Master planning	Session date and time	> Registration types	> Scheduling
	Organization administration	Select currency	$^{\vee}$ Resources	> Signing limits
	Payroll	Number sequences	Gantt charts	> Microsoft Exchange Server
	Procurement and sourcing	' Segment configuration	Resource capabilities	synchronization
	Product information management	$^{\vee}$ Organizations	Resources	> Units
	Production control	Legal entities	> Electronic reporting	\checkmark Calendars
	Project management and	Operating units	> Workflow	Calendars
	accounting	Organization hierarchies	> Document management	Period types Period templates
	Questionnaire	Organization hierarchy purposes	\geq Inquiries and reports	Working time templates
	Color and continence	Teams	> Periodic	Date dimensions
	Sales and marketing	Internal organizations	∨ Setup	> Document branding
	Service management	$^{\vee}$ Global address book	Organization email templates	> Business process
	System administration	Global address book	Network printers	✓ Trade compliance
	Tax	Global address book parameters	Financial reasons	
	Time and attendance	Name title and suffix	Bar codes	ALB Integration parameters
	Transportation management	Address books	Default descriptions	
	Vendor collaboration	Name sequences	> Activities	

1.1.1 General

General parameter includes parameters about connection

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	Fleet management General ledger	AEB integration parame	ters								
	Human resources	General	Set up AEB Integration paramet	ers							
	Inventory management	Trade compliance	General								~
	Master planning										
	Organization administration	Function endpoints	AtB Username	Password	Client name	Local name					
	Payroll	Application facade									
	Procurement and sourcing										
	Product information management										
	Production control										
	Project management and accounting										
	Questionnaire										

• AEB Username



- Password
- Client name
- Local name

1.1.2 Trade compliance

Trade compliance parameters includes parameters about inquiry and result set.

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٩	General	Set up trade compliance parameters									
	Trade compliance	Trade compliance									^
	Function endpoints	Client ident code Client sys	tem id	Profile ident code	Threshold %	Suppress logging No					
	Application facade					Consider good guy					
						Address type version Address type set (Company, i ∨					

- **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 comitted 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 adressType 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.



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ഹ ☆	Options						
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1 1 1 1 1	Preferences	User identification					
	Account						
	Workflow						
	AEB Integration						

• **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.

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	Trade compliance	Function endpoints						~
	Function endpoints	+ Add line 👔 Remove	sint					
	Application facade	findMatchingAddresses goodGuy						
		logon						
		screenAddresses						

- **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.



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	Trade compliance	General								,	
	Function endpoints	Accept technology	Display status bar Yes	Is AC embedded Yes	Open to tray No	Preferred width 0					
	Application facade	Display Full Workplace Yes	Display titlebar Yes	Language	Preferred height	Product name					
		l⊋				Product short name					
						Style variant					

- 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





\circ $\,$ On the form select Customer tab from upper ribbon.

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@ ☆ ©	Ac Contacts ` Change pa	ccounts ~ arty association	Transactions Transactions Global transactions	Balance Balance	Forecast Forecast	Bank account Summary upo	Set up s Credit cards late Product filters	Attachments Attachments	Catalogs Send catalog	Customer service Customer service	Registration Registration IDs Registration ID search Tax exempt number search	Properties Electronic document propertie:	Trade compliance Trade compliance check					~
50 10	V	All customers				L.												< Re
		✓ Account ↑	Nan	ne		Invoice acc	ount Cus	tomer group	Currency	Telephone	Exter	nsion Is merged						lated
		DE-001	Cor	ntoso Europe			90		EUR	01234 56789								info
		US-001	Cor	ntoso Retail Sa	in Diego		30		USD	321-555-0160							11	ma
		US-002	Cor	ntoso Retail Lo	is Angeles		30		USD	123-555-0111								tion
		US-003	For	est Wholesale	s		10		USD	123-555-0159							11	
		US-004	Cav	e Wholesales			10		USD	123-555-0161							11	
		US-005	Cor	ntoso Retail Se	attle		30		USD	123-555-0172							11	
		US-006	Cor	ntoso Retail Po	ortland		10		USD	123-555-0112							11	
		US-007	Des	ert Wholesale	is		30		USD	123-555-0162							11	
		VS-008	Spa	rrow Retail			30		USD	123-555-0163							11	
		US-009	Ow	I Wholesales			10		USD	123-555-0164							11	
		US-010	Sun	iset Wholesale	25		10		USD	123-555-0160								
		US-011	Cor	ntoso Retail Da	allas		30		USD	123-555-0117								

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





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

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© ☆ ©	Ne Service (Purchas Direct d	w Maintain order Cancel se order lelivery	Payments Copy Payments From all To From journal Or	View Functions Attachmen Itals Order credit Notes rder events Recap Order holds	ts Trade compliance Trade compliance check								^
	7	All sales orders											
		✓ Sales order ↑	Customer account	Customer name	Order type	Invoice account	Channel	Status	Release status	Do not pro	cess H	4 Sales	s ta
		000732	US-015	Contoso Retail Chicago	Sales order	US-015		Open order	Open			Susa	an
		000733	US-012	Contoso Retail New York	Sales order	US-012		Open order	Open			Susa	an
		000734	US-020	Orchid Shopping	Sales order	US-020		Open order	Open			Susa	an
		000735	US-028	Contoso Retail Miami	Sales order	US-028		Open order	Open			Susa	an
		000747	US-003	Forest Wholesales	Sales order	US-003		Open order	Open			Benj	jan
		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			Cha	rlie
		000768	US-001	Contoso Retail San Diego	Returned order	US-001		Open order	Open			Julia	i Fi

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



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

	Finance and Operations	
=	더-	Expand all Collapse all
	Fleet management	✓ Planning
	General ledger	Load planning workbench
	Human resources	Load building workbench
	Inventory management	Rate route workbench
	Master planning	> Loads
	Organization administration	✓ Shipments
	Payroll	All shipments
	Procurement and sourcing	Active shipments
	Product information management	Open shipments Waved shipments
	Production control	Picking shipments
	Project management and	Shipments ready to ship
	accounting	> Dock appointment scheduling
	Questionnaire	Routes
	Retail and Commerce	Transportation tenders
	Sales and marketing	> Freight bills and invoices
	Service management	> Inquiries and reports
	System administration	> Periodic tasks
	Tax	> Setup
	Time and attendance	
	Transportation management	
	Vendor collaboration	
	Warehouse management	

o On the form select Shipments tab from upper ribbon.

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[Confirm shipment Transfer shipm Consolidate shipments Transfer shipm	ent to existing load Chang ent to new load	Actions Generate ge work location Bill of lading Packing slip Send ASN	Work Work details Skip non-mandatory work	Related information Quality orders	Load list report Pick list Packing list	Print NAFTA certificate of Certificate of origin Commercial invoice	Forigin	Trade compliance Trade compliance check							
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	✓ Shipment ID ↑	Shipment status 🏹	Wave ID	Load ID	Direction		Shipment lines	Containe	ers Bill of lading ID	Pro number	Volume	N	Weight Si	e	natio	
	USMF-000001	Waved	USMF-000000001	USMF-000001	Outbound		1		0		160.00		30.00 2		2	
	USMF-000002	Waved	USMF-00000002	USMF-000002	Outbound		1		0		160.00		30.00 2			
	USMF-000003	In process	USMF-00000009	USMF-000005	Outbound		2		3		785.00	2	05.00 6			
						=										
	Load details															
	✓ Order number	Shipment ID 🏆	Item number	Quantity Unit												
	000776	USMF-000003	A0001	35.00 Pcs												
	000776	USMF-000003	A0002	25.00 Pcs												



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

Finance and Operations	
≓ ⁻ ¤	Expand all Collapse all
வ Home	✓ Workspaces
☆ Favorites 🗸 🗸	Vendor invoice entry
🕒 Recent 🗸 🗸	දි _ම Vendor payments
🖭 Workspaces 🗸 🗸	✓ Vendors
E∃ Modules ^	All vendors
Accounts payable	Vendors on hold
Accounts receivable	Vendors past due
Asset management	Vendors who are diverse
Audit workhopsh	Vendor exception groups
Audit workbench	Vendor groups
Budgeting	Vendor price tolerance groups
Cash and bank management	> Purchase orders
Common	> Invoices
Consolidations	> Payments

 \circ $\,$ On the form select Vendor tab from upper ribbon.

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8	V	All vend	lors													<
Ξ		P Filt	и													R
		~	Vendor account 1	Name	Vendor hold	Phone		Extension	Primary contact	Group	Currency					lated
			1001	Acme Office Supplies	No	773-998-88	192			40	USD				- I	linfo
			1002	Lande Packaging Supplies	No					40	USD					orma
			1003	Ade Supply Company	No					20	CAD					tion
			104	Best Supplier - Europe	No					10	EUR					
			AirCarrier	Air Cargo Carrier	No					40	USD					
			CN-001	Contoso Asia	No	80123) 456	7 8901			40	CNY					
			CompanyCC	CompanyCC	No					40	USD					
		\sim	JP-001	Contoso Chemicals Japan	No					10	JPY					
			JULIAF	Julia Funderburk	No	425-555-50	053	5053		40	USD					
			LTL Vendor	LTL Vendor	No					40	USD					
			ONE	One-time vendor	No					ONE	USD					

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- 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 Ope	rations	
≡		二二	Expand all E Collapse all
ώ	Home		
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Ŀ	Recent	~	8 Vendor navments
	Workspaces	~	> Vendors
	Modules	~	Purchase orders
Г	Accounts payable		All purchase orders
-	Accounts receivable		Purchase orders assigned to me
	Asset management		Purchase orders received but not invoiced
	Audit workbench		Purchase agreements
	Budgeting		Open prepayments
	C		> Invoices

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

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83	V All purchase orders										<
	Filter										Rel
	✓ Purchase order ↑ Ven	dor account Invoice account	Vendor name	Purchase type	Approval status	Purchase order status	Currency	Delivery date	Mode of deliv	ery	ated
	00000041 US-	104 US-104	Fabrikam Supplier	Purchase order	Approved	Open order	USD	1/11/2017	10		l ii
	00000042 US-	111 US-111	Contoso office supply	Purchase order	Approved	Open order	USD	2/3/2017	10		orma
	00000043 US-	111 US-111	Contoso office supply	Purchase order	Approved	Open order	USD	2/3/2017	10		tion
	✓ 00000044 100	3 1003	Ade Supply Company	Purchase order	Approved	Open order	CAD	4/13/2017			
	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		



• A business prospect and its address information

 Go to Menu > Modules > Sales and marketing > Relationship > Prospects > All prospects.

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leet management	✓ Workspaces	> Commissions
eneral ledger	B Sales order processing and inquiry	> Inquiries and reports
luman resources	Sales return processing	> Periodic tasks
nventory management	> Customers	> Setup
faster planning	\vee Relationships	
Organization administration	> Contacts	
ayroll	✓ Prospects	
rocurement and sourcing	All prospects	
roduct information nanagement	My prospects	
roduction control	Converted prospects	
roject management and ccounting	Exactly Section Sectio	
Questionnaire	> Opportunities	
tetail and Commerce	> Marketing	
ales and marketing	> Sales quotations	
ervice management	> Sales orders	
ystem administration	> Sales agreements	
ax	> Sales returns	
ime and attendance	> Prices and discounts	
ransportation management	Customer rebates	
endor collaboration	> Trade allowances	
	leet management ieneral ledger luman resources twentory management daster planning krganization administration ayroll roduct information raduct information raduct information raduct information raduction control troject management and ccounting envice management stati and Commerce ales and marketing envice management system administration ax ime and attendance ranoportation management envice collaboration	Finance cure operations

\circ $\,$ On the form select Prospect tab from upper ribbon.

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©	Change j	Maintain Accounts Statistics Attachments Trade compliance Change party association Contacts Financials Attachments Trade compliance Item statistics Item statistics Attachments Trade compliance Trade compliance					
	V	All prospects					
		✓ Account ↑	Name	Telephone	Extension	Type ID	Employee responsible
		000006	Cherry Company	983-555-1023		Prospect	
		000007	Pine Shopping	452-555-1001		Prospect	
		000008	Raven Shopping	635-555-0212		Prospect	
		000009	Lilac Wholesales	334-555-1102		Prospect	
		000010	Olive Shopping	234-555-0123		Prospect	
		✓ 000011	Falcon Retail	335-555-1015		Prospect	
		000012	Violet Shopping Center	245-555-1143		Prospect	
		000013	Fig Wholesale	115-555-1135		Prospect	
		000014	Zinnia Retail	254-555-0123		Prospect	
		000015	Hummingbird Shopping Center	218-555-1321		Prospect	

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



	Finance and Operations	√P Search for a page	
=	-E	Expand all Collapse all	
	Expense management	✓ Workspaces > Periodic tasks	
	Fixed assets	B Sales order processing and inquiry > Setup	
	Fleet management	Sales return processing	
	General ledger	> Customers	
	Human resources	\vee Relationships	
	Inventory management	✓ Contacts	
	Master planning	All contacts	
	Organization administration	My contacts	
	Payroll	> Prospects	
	Procurement and sourcing	> Leads	
	Product information	> Opportunities	
	management	> Marketing	
		> Sales quotations	
	accounting	> Sales orders	
	Questionnaire	> Sales agreements	
	Retail and Commerce	> Sales returns	
	Sales and marketing	> Prices and discounts	
	Service management	> Customer rebates	
	System administration	> Trade allowances	
	Tax	> Commissions	
	Time and attendance	> Inquiries and reports	

• On the form select Contact tab from upper ribbon.

	Financ	e and Operations			\mathcal{P} Search for a page		
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ώ	Maintai	in Include	Accounts Attachmen	ts Trade compliance			
☆	Inactiva Activate	Add to Microsoft Outlook c	ontacts Customer Attachmer Vendor	Trade compliance check			
Ŀ			Prospect				
0::-	7	Contacts					
		Contact ID	Name 1	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.)

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=	+ New Delete Trade compliance Option	ns 🔎				Define good guy ir	nformation	
	Finance and Operations	ns > Trade compliance overview Thereload % 60 Inquiry record Overview Details Details Source details Address type Cit	ρ Search for a page			Define good guy information		^
		Name Zill Name Zill FORST E Street Co Additional info Name FOREST: Programs: IRAN: MMSIs 5724 Flags: Thranzil Additional Sanctions Information owner: null: Tornage: 35124: Gross registered	P/postal code	83 List di SON MO 9283760-Former Vessel Flag, Maltat. Il sign: T2DMA: Vessel type: Chemical/Prot ATIONAL IRANIAN TANEER COMPANY?	US - S ₁ Nation Good gu O			OK Cancel