

## Product Vision:

Backend e-commerce orders processing system with automatic orders export from several trading platforms.

Target group	Needs	Product	Value
<p>Customer Company (CC) is selling goods using several trading platforms (e-shops and EBAY).</p> <p>Currently to process orders and go through all the steps of their business process they have to manual create and daily update an Excel file.</p> <p>Future users: CC sales personnel.</p>	<p>Business needs for initial version:</p> <ol style="list-style-type: none"> <li>1. To centralize all the Orders data to eliminate daily manual work by using automated Orders data export from all trading platforms</li> <li>2. Increase Orders processing by visualizing all the business process steps and assigning tasks to specific employee</li> </ol>	<p>Web-based solution with the following high-level functionality:</p> <ul style="list-style-type: none"> <li>- Automatic export of orders data from all trading platforms</li> <li>- Visualizing orders data as orders list and individual order view</li> <li>- Existing order editing</li> <li>- Adding new order manually</li> <li>- Filtering and search functionality</li> <li>- Visualizing business arocess steps for orders</li> <li>- Assigning order processing to specific employee</li> <li>- Visual notification of orders statuses and specific events</li> </ul>	<p>The following benefits are anticipated:</p> <ul style="list-style-type: none"> <li>- Time save as a result of excluding manual processing</li> <li>- Higher quality of customer service</li> </ul>

## E-commerce Order Processing Backlog - E-commerce Order Processing Backlog

<b>Version 1:</b>	Export and basic functionality.
<b>Scope:</b>	Initial export from ebay and e-shops, grid and single order displays, roles.

ID	Epic	Short Name	Text	Details	Priority	Source	Date Created	Date Expected	Comment	Status
ESMS-1	Security	Roles	Different types of roles could be assigned to users of the system.	1. List of roles and their descriptions			01.09.2014			
ESMS-2	Security	Users	Several users can use the use the system at the same time. Users can be added/delete/their details modified.	1. Mockup of User Management Screen			01.09.2014			
ESMS-3	Security	Login process	To access the system the user has to provide their correct username and password.	1. Mockup of Login screen. 2. Login algorithm Workflow chart. 3. Text of system messages required in login process.			01.09.2014			
ESMS-4	Data Export	Ebay Export	Export all the orders from EBAY shop (most probably - using EBAY api).	1. List of fields exported from EBAY shop 2. Interval of export (default: every 30 mins) 3. Connection details to EBAY shop 4. Login details			01.09.2014			
ESMS-5	Data Export	Export from e-shop #1	Export all the orders from e-shop #1.	1. List of fields exported from e-shop #1 2. Interval of export (default: every 30 mins) 3. Connection details to e-shop #1 shop 4. Login details			01.09.2014			
ESMS-6	Data Export	Export e-shop #2	Export all the orders from e-shop #2.	1. List of fields exported from e-shop #2 2. Interval of export (default: every 30 mins) 3. Connection details to e-shop #2 shop 4. Login details			01.09.2014			
ESMS-7	Data display	Grid View	Grid View All the orders' data has to be shown as grid (details - fields list and grid design).	1. List of fields in the grid view (with indication of mandatory and data-type) 2. Initial mockup of grid			04.09.2014			
ESMS-8	Data display	Grid sorting	Orders displayed in grid view could be sorted by any field in the grid (asc and desc by double-click).	1. Default filtering on Creation Date desc			04.09.2014			
ESMS-9	Data display	Grid View Pagination	Orders in grid view should be displayed in portions (pages).	1. Page size default - 20. 2. Page zise options - 10, 20, 50, 100.			04.09.2014			
ESMS-10	Data display	Single Order View	On double click in Grid View	1. List of fields in the single order view (with indication of mandatory and data-type) 2. Initial mockup of single order view			04.09.2014			
ESMS-11	Data display	Dashboard screen	Upon entry to show user: Grid view of all Orders with saved filters from previous session,	Mockup of Dashboard screen			04.09.2014			
ESMS-12	Behavior	Add new order	Add new order manually	1. List of fields in the "Add New Order" form (with indication of mandatory and data-type) 2. Initial mockup of the "Add New Order" form			04.09.2014			
ESMS-13	Behavior	Mandatory fields	Some of the fields are mandatory for Order records. If for some reason they are not provided by the Source system - they have to be substituted by default values.	1. List of mandatory fields for Order and their default values.			04.09.2014			
ESMS-14	Behavior	Order Assignment	Users can assign orders processing to themselves or other users				04.09.2014			
ESMS-15	Behavior	Orders Search	Orders Search should be available on the partial match in the specified list of fields.	1. List of fields which "take part" in the search process			04.09.2014			

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ESMS-16	Data modification	Editable fields	No fields of Order can be editable in Grid View. List of Editable fields in Order View will be provided.	1. List of Editable fields in Order View with values options.			05.09.2014			
ESMS-17	Data modification	Shipped orders	Report back to original shop when order was shipped.	Use API call for EBAY and database update for e-shops.			05.09.2014			
ESMS-18	Notifications	Orders Notifications	Notifications should be visually provided in case of order's ETA (estimated time of arrival) is N days overdue.	1. Number of days without attention (2 as default)			05.09.2014			
ESMS-19	Notifications	Order background colors	Order items in the Grid view should be highlighted by specific color if they match defined by business criteria.	1. List of Order background colors and their business meanings.			05.09.2014			
ESMS-20	Filters	Order Search filters	Users should be able to filter the search results. List of filters and their values options (where applicable) will be provided.	1. List of filters and their values options (where applicable).			06.09.2014			

# E-commerce Order Processing Backlog - Exported Order Details

## Fields list for Exported Order Details (User Story ESMS-10)

Section	Field Name	Editable	Mandatory?	Data Type	List of Values	Value example	Comments
Order	ExternalID	N	Y	String		191313142546-1125502205009	
	Sale record Nr.	N	Y	Int		4921	
	Ordered on:	N	Y	DateTime		06.04.2015 19:38	
	Source:	N	Y	String	EBAY; e-shop #1; e-shop #2;	EBAY	
	Assigned to:	Y	N	String	<list of employee names in the system>		
	Status	Y	Y	String			
	Payment details	Y	N	String			
	Shipped on	Y	N	DateTime		06.04.2015 19:38	
	Delivery service	Y	N	String			
	Delivery tracking number	Y	N	String			

Section	Field Name	Editable	Mandatory?	Data Type	List of Values	Value example	Comments
Customer	Name	Y	N	String			
	Alias	Y	N	String			
	E-Mail	Y	N	String	schlide@web.de		
	Phone number	Y	N	String			
	VAT number	Y	N	String			

Section	Field Name	Editable	Mandatory?	Data Type	List of Values	Value example	Comments
Items list	Item name	N	Y	String			
	Sale record Nr.	N	Y	String			
	Article Nr.*	Y	Y	String			
	Amount	N	Y	String			
	Price	N	Y	String			
	Discount	N	Y	String			
	Ext. Ref.	N	Y	String			
	Ref. OE	N	N	String			
	Ref. OEM	N	N	String			
	Ref. Other	N	N	String			
	Ordered from	Y	N	String			
	ETA	Y	N	String			

Section	Field Name	Editable	Mandatory?	Data Type	List of Values	Value example	Comments
Delivery Address	Customer name	Y	N	String			
	Company name	Y	N	String			
	Phone number	Y	N	String			
	Street 1	Y	N	String			
	Street 2	Y	N	String			
	ZIP	Y	N	String			
	City	Y	N	String			
	Country	Y	N	String			

Section	Field Name	Editable	Mandatory?	Data Type	List of Values	Value example	Comments
Billing Address	Customer name	Y	N	String			
	Company name	Y	N	String			
	Phone number	Y	N	String			
	Street 1	Y	N	String			
	Street 2	Y	N	String			
	ZIP	Y	N	String			
	City	Y	N	String			
	Country	Y	N	String			

**Fields list for Orders Grid View  
(User Story ESMS-10)**

Field Name	Editable	Data Type	Comments
Ordered on	Y	DateTime	
Item	Y	String	
Article Nr.	Y	String	
Amount	Y	Int	
Sale record Nr.	Y	Int	
Order source	Y	String	
Ordered from	N	String	
ETA	N	DateTime	
Shipped on	N	DateTime	
Payment	N	String	
Delivery	N	String	
Assignee	N	String	