Introduction

This document lists a feature comparison of E-WMS I, E-WMS II and WMS Lite.

Description

Below you will find a functional comparison between the different E-WMS modules. The list is focused on the differences for E-WMS Lite, as per product update 412.

Explanation of the columns and indicators:

- WMS Lite: features for E-WMS Lite (SE1386)
- WMS I: features for E-WMS I (SE1380)
- WMS II: features for E-WMS II (SE1381 "Replenishment" and "SKU Management")
- ASP: available features when using WMS ASP client
- CAB: available features when using old WMS CAB client (off-line communication, in maintenance mode)

- Indicators:
  * updated since previous version of this document
  ● available or supported
  √ available and is always set to 'ON' (not configurable)
  o limited support
  ● can be combined
  X not available, or not supported, or cannot be combined
  (empty) does not apply

Sections:

- General
- Bar code support
- Sales order fulfilment
  - SSCC
- Receipts
- Stock inventory (counts)
- Transfers
- Other E-WMS modules

Functionality	WMS Lite	WMS I	WMS II		ASP	CAB
General						
SKU Management	X	X	●		●	X
Directed Put Away	X	X	●		●	X
Combine with E-WMS Production (SE4250)	X	●	●			
Support of (scanning) serial-/batch items	●	●	●		●	●
Generation of serial-/batch numbers and printing of S/B labels during receipt processes	X	●	●		●	X
Support of communication type 'ASP'	√	●	●			
Support of communication type 'CAB - RF' (discontinued in 412)	X	X	X			X
Support of communication type 'CAB - ActiveSync' (offline scanning - in maintenance mode since 2009)	X	o	o			●
Use E-WMS RF services to allow for automatic read back, validation and processing	●	●	●		●	o
* WMS Lot number functionality extended (419)	X	●	●		●	X
Stock validations on the hand terminal	●	●	●		●	X
Optionally disable stock validations on hand terminal (E-WMS Lite: per 407)	●	●	●		●	X
Optionally disable or limit general E-WMS stock validations	●	●	o		●	X
Support of 'regard picked as issued' (408)	X	●	●		●	X
Show generic reports for every E-WMS process step	√	●	●			
Optionally enable or disable reports for an E-WMS process step	X	●	●			
Use custom report names	X	●	●			
Exact Globe Next language terming support	●	●	●		●	X
Bar code support						
Support of EAN128/GS1-128 bar codes (as described in document 18.940.418)	●	●	●		●	o
Support of HIBC bar codes	●	●	●		●	X
Support QR/2D/Data matrix bar codes (see document 22.799.358)	o	o	o		o	o
Support of scanner prefix, suffix, group separator	●	●	●		●	●
Support of scanner Code Identifiers (Symbol or AIM)	●	●	●		●	o
Use E-WMS 'scanning combination' (item code, separator and S/B number in one bar code)	●	●	●		●	●

	WMS Lite	WMS I	WMS II		ASP	CAB
Full location (+E-WMS location type) validations on hand terminal	X	•	√		•	X
Full serial/batch validations on hand terminal	X	•	•		•	X
Recognize alternate codes from bar code, for item codes ('scan codes')	•	•	•		•	•
Able to use *multiple* recognition/scan codes for one item	•	•	•		•	X
Configure and apply different unit factors for different item scan codes	•	•	•		•	X
Show order line list browser, after selecting order to pick (in guided processes)	√	•	•		•	•
Optional automatic truncation of scanned serial-/batch numbers when exceeding specific length	•	•	•		•	X
Pivot Point: skip quantity input and assume 1 item scan=1 picked, depending on how many items to pick	•	•	•		•	•
Make/explode items: able to set a make item automatically to status 'picked' without really picking	X	•	•		•	•
Able to view item stock on hand terminal	√	•	•		•	o
Prevent viewing stock (through 'item info') on hand terminal	X	•	•		•	o
Optional show summary screen after scanning bar code, and before next scan screen would show	√	•	•		•	X
Optionally hide submenus on scanner (408)	•	•	•		•	X
* Optionally hide E-WMS scanner menus Production/Issues or Production/Receipts (415)	•	•	•		•	X

Sales order fulfilment

	WMS Lite	WMS I	WMS II		ASP	CAB
General						
Order *picking* with guided pick list (picking route)	•	•	•		•	•
Order *packing*, random item scanning per sales order (packing location or packing table)	•	•	•		•	X
Fulfilment by Keyboard Wedge Scanning (fixed scanning station)	•	•	•			
Handle 'urgent' orders separately (send picking first)	•	•	•		•	•
Pick & Pack - two stage order picking (requires E-WMS Replenishment)	X	X	•		•	X
Bulk Pick & Pack - two stage bulk picking/packing (requires E-WMS Replenishment)	X	X	•		•	X
Order Pick & Pack - two stage picking/packing per sales order (411, requires E-WMS Replenishment)	X	X	•		•	X
Service orders check box added to WMS fulfilment settings	X	•	•		•	X
Transfer picked but waiting orders to a generic shipping dock location (411)	X	X	•			
Able to verify customer credit line and order prepayments, before sending picking (407)	•	•	•			
Warehouse manager can release or reassign orders to other scanner or scanner group (412)	X	•	•		•	X
Picking advice						
Generate a picking advice based on available stock on *any* location matching configured location policy	X	•	•			
Generate a picking advice based on available stock only on *item main* location	•	X	X			
Send orders picking *without* picking advice or stock check, and always advice item main location	X	•	•			
Generate a picking advice for serial/batch items using date policy and advising specific SB numbers	•	•	•			
Disable specific serial/batch advice for serial/batch items	•	•	•			
Generate a picking advice for serial/batch items based on S/B 'end date'	•	•	•			
Generate a picking advice for serial/batch items based on S/B 'start date'	•	•	•			
Guarantee minimal shelf life for serial/batch items after fulfilment to your customer (407)	X	•	•			
Able to force fulfilling only one batch per order line	•	•	•			
Optionally edit a generated picking advice before sending it picking	•	•	•			
Limit SKU picking advice to a mandatory SKU type per customer (407)	X	X	•		•	X
Send orders picking						
Autoqueue - send new orders automatically to picking queue	•	•	•		•	X
Autoqueue - Configure how many days ahead	•	•	•		•	X
Autoqueue - Send only orders which can be fulfilled in full	X	•	•		•	X
Autoqueue - Configure and use 'scanner group filters' (send to specific scanner group based on criteria)	X	•	•		•	X
Split order lines to different hand terminals based on location (zones) or item code	X	•	•		•	•
Split order lines to different hand terminals based on packing type (sales units, SKU)	X	X	•		•	X
Split order lines to different hand terminals based on item group or item 'picking classification'	X	•	•		•	•
Optional sorting of picking list: by location, order line, item code, picking classification or item group	X	•	•		•	X
Picking list always sorted by (main item) location	•	X	X		•	X
Able to use three-level sorting of picking list	X	•	•		•	X
Send order picking *collected* by urgency or by delivery debtor	X	•	•		•	•
Send return lines (order lines with negative quantity) picking	X	•	•		•	•
Send orders to the general picking queue (not to a specific scanner)	√	•	•		•	X
Assign orders to a specific scanner	X	•	•			
Assign orders to a specific scanner group	X	•	•		•	X
Send lines with future planned delivery date picking	√	•	•		•	•
'Order picking' setting: able to put an item automatically to status 'picked' without actually picking	X	•	•		•	•
'Order picking' setting: able to always exclude specific items from sending picking	X	•	•		•	•

	WMS Lite	WMS I	WMS II		ASP	CAB
Scanning orders						

	WMS Lite	WMS I	WMS II		ASP	CAB
Able to configure the sort order in the scanner list of orders to pick (release 410)	X	•	•		•	X
Show order line instruction text on hand terminal	√	•	•		•	•
Optionally enter freight data (packages, net weight, gross weight)	•	•	•		•	•
Pick extra items in addition to picking list ('add' function)	X	•	•		•	•
Prefill the quantity field with the advised quantity (release 411)	•	•	•		•	X
Order picker can release (partially picked) order to be continued by colleague (412)	•	•	•		•	X
Read back and validation						
Put 'picked less' quantities automatically into back order	√	•	•			
Put 'picked less' quantities to 'picking error' before processing for later approval or deciding	X	•	•			
Put only automatically to backorder when stock was also actually not available	X	•	•			
Allow 'picked more' quantities automatically and process as extra order line	•	•	•			
Put 'picked more' quantities to 'picking error' before processing for later approval or deciding	•	•	•			
Read back freight data entered on hand terminal	•	•	•			
Change freight data after reading back from hand terminal	X	•	•			
Processing fulfilments						
Automatically process sales orders in the background (service, Auto fulfilment)	•	•	•			
Assign delivery date 'today + x number of days' to new backorder lines *(E-WMS Lite: from 409)*	•	•	•			
Split delivery notes and invoices per order per *hand terminal* (paper work per truck load) *(Lite: from 409)*	•	•	•			
Optionally warn when fulfilling lines earlier than planned fulfilment date *(E-WMS Lite: from 409)*	•	•	•			
Show delivery note screen separately for each order to be processed *(E-WMS Lite: from 409)*	•	•	•			
Use debtor (language) linked layouts	•	•	•			
Configure 'creating invoices' as default ON or OFF for the delivery note screen	•	•	•			
Decide to create invoices or not, *during* the fulfilment process *(E-WMS Lite: from 409)*	•	•	•			
Configure whether to print invoices during fulfilment process (409)	•	•	•			
Decide to print invoices or not, during the fulfilment process (409)	•	•	•			
Keyboard wedge scanning: optionally do *not* put 'picked less' quantities automatically to backorder	X	•	•			
SSCC	WMS Lite	WMS I	WMS II		ASP	CAB
Scan SSCC pallet numbers during order picking	•	•	•		•	•
Scan SSCC *box* numbers during order picking	•	•	•		•	X
Generate and print SSCC labels from hand terminal during order picking (generated SSCC)	•	•	•		•	X
Optional integration with E-EDI Delivery Note (SE5332) to include SSCC pallet numbers in EDI message	•	•	•			
SSCC Shipment Tracing: register shipping dock movements and verify complete shipment	X	•	•		•	X
Shipment Builder/Autopack functionality (SSCC labels for shipment, without using scanners)	•	•	•			
Receipts registration	WMS Lite	WMS I	WMS II		ASP	CAB
General						
Crossdocking of receipts for sales order requirements	X	•	•		•	•
Crossdocking of production materials for production order requirements (requires E-WMS Production)	X	•	•		•	X
Autoreceive: automatically generate receipt lines for multiple serial/batch numbers or SKU numbers	X	•	•		•	X
Receive quantities in *standard sales unit* of an item	•	•	•		•	•
Receive quantities in *purchase unit* as used in purchase order	•	•	•		•	X
Recognize suppliers item code from bar code (when configured as WMS scan code)	•	•	•		•	o
Send return lines (purchase order lines with negative quantity) picking	X	•	•		•	•
Show order line instruction text on hand terminal	√	•	•		•	•
Send to scanner						
Send orders to scanner prior to receipt (offers more validation on hand terminal, e.g. on quantity)	√	•	•		•	•
Handle 'urgent' orders separately (send picking first)	•	•	•		•	•

	WMS Lite	WMS I	WMS II		ASP	CAB
Send lines with future planned delivery date picking	✓	•	•		•	•
Split order lines to different hand terminals based on location (zones) or item code	X	•	•		•	•
Send orders to general picking queue (not to a specific scanner)	✓	•	•		•	X
Assign specific scanner to receive purchase orders	X	•	•		•	•
Assign scanner group to receive purchase orders	X	•	•		•	X
Autoqueue - Send new orders automatically to picking queue	•	•	•		•	X
Autoqueue - Configure how many days ahead	•	•	•		•	X
Autoqueue - Configure and use 'scanner group filters' (send to specific scanner group based on criteria)	X	•	•		•	X
Receive extra items in addition to picking list ('add' function)	X	•	•		•	•
Free receipts						
Use Free Receipts: don't send purchase orders to scanners, prior to receipt	•	•	•		•	•
Able to receive items which were *not* ordered	X	•	•			
Optionally create new order for free receipts of non-ordered items (instead of adding to an existing order)	X	•	•			
Receipts: validation and processing						
Put 'received less' quantities automatically into back order without reviewing in status 'picking error'	✓	•	•			
Put 'received less' quantities to 'picking error' for review before processing	X	•	•			
Allow 'received more' quantities automatically and process as extra order line	•	•	•			
Put 'received more' quantities to 'picking error' for review, before processing	•	•	•			
Optionally put receipts of already existing batch numbers to 'picking error' to be reviewed	•	•	•			
Stock Inventory (Counts)	WMS Lite	WMS I	WMS II		ASP	CAB
Non-guided counts: 'free count' process, without sending a count list to the hand terminal	✓	•	•		•	•
Guided counts: send a list of items to be counted, to the picking queue	X	•	•		•	X
Split order lines to different hand terminals based on location (zones) or item code	X	•	•		•	X
Send orders to general picking queue (instead of to a specific scanner)	✓	•	•		•	X
Assign specific scanner to a guided count	X	•	•		•	X
Optional sorting of picking list: by location, order line, item code, picking classification or item group	X	•	•		•	X
Able to use three-level sorting of picking list	X	•	•		•	X
Use recounts – double check a previous count	X	•	•		•	X
Configure how to handle 'double counts' on read back of a count	•	•	•			
Transfers	WMS Lite	WMS I	WMS II		ASP	CAB
Location transfers	X	•	•		•	•
Interbranch transfers	X	•	•		•	•
Real-time transfers - transfer received stock from receipt dock before the receipt is processed	X	•	•		•	X
Transfer stock from one warehouse or location to another warehouse or location in one transaction	X	•	•		•	•
Transfer stock through intermediate virtual location (buffer)	X	•	•		•	•
Transfer stock through intermediate virtual location - to several target locations	X	•	•		•	•
Transfer stock through intermediate virtual location - all to one target location	X	•	•		•	•
Transfer receipt scanned by other warehouse employee (intermediate warehouse transfer, 410)	X	•	•		•	X
Automatic real-time processing of scanned transfers	X	•	•		•	X
Able to 'authorize' transfers before processing (manual processing)	X	•	•			
Able to view on scanner list of scanned transfers	X	•	•		•	•
Able to delete on scanner previous scanned transfers	X	•	•		•	•
Able to enter transaction reference text on scanner for later reference in back-office	X	•	•		•	X
Able to prefill and optionally skip input of source warehouse or target warehouse	X	•	•		•	
Able to prefill and optionally skip input of source location or target location	X	•	•		•	
Able to prefill and optionally skip input of item code	X	•	•		•	
Able to prefill a default quantity to transfer	X	•	•		•	

	WMS Lite	WMS I	WMS II		ASP	CAB
Guided transfers: warehouse manager creates list of items to transfer (E-WMS Replenishment)	X	X	•		•	•
Able to transfer a SKU by just scanning SKU number + (optionally prefilled) target location	X	X	•		•	X
Automatic transfer order of production materials to return, after production is done	X	X	X			
Other E-WMS Modules	**WMS Lite**	**WMS I**	**WMS II**		**ASP**	**CAB**
Replenishment: replenish picking locations based on minimum/maximum stock per location	X	X	•		•	•
Replenishment: replenish picking locations based on sales order requirements	X	X	•		•	•
Replenishment: replenish picking locations based on production order requirements	X	X	•		•	•
* Replenishment: Use all warehouses for WMS auto queue replenishment (416)	X	X	•		•	X
Stock Transactions: stock receipts or issues, not related to orders	X	X	•		•	•
Purchase Transactions: create purchase orders by scanning items in warehouse or store	X	X	•		•	•
SKU Management: stock units have unique numbers throughout internal logistic process	X	X	•		•	X
Following E-WMS modules require separate licenses:						
Mobile Sales (SE1250): register new sales orders by scanning/entering items on mobile device	•	•	•		•	•
Mobile Sales: register warehouse issues as <u>direct sales</u> (requires SE1250 + WMS Lite or WMS I)	•	•	•		•	•
Production (SE4250+SE4050): scan production material issues (picking list or free issues)	X	•	•		•	•
Production (SE4250): scan production receipts	X	•	•		•	•
* WMS Production Receipts changed setting 'Backflush extra items' (416)	X	•	•		•	•

Related documents

- <u>E-WMS Lite: list of available and preconfigured settings</u>
- <u>E-WMS license structure</u>
- <u>E-WMS start page</u>