



# SOLOCHAIN WMS

# EXTENDED PROFILE

## OVERVIEW

SOLOCHAIN WMS is an advanced warehouse management system with robust features, while also being highly adaptable, configurable, and useable, with built in collaboration tools to facilitate efficient implementations.

Companies appreciate SOLOCHAIN's highly configurable information layout, mobile workflow processes, reporting and optimization rules. It also integrates fully with various ERPs and other internal systems, synchronized in real-time, via Web Services, XML format, and Service Orientated Architecture (SOA).

And for companies that perform product transformation (manufacturing, assembly, product kitting, etc.), SOLOCHAIN has a fully native Manufacturing Execution System (MES) that can be incorporated with the WMS, for complete inventory visibility from inbound, transformation, and outbound tasks & processes.

SOLOCHAIN is a best-of-breed Warehouse Management System (WMS) with embedded Manufacturing Execution System (MES) capabilities, a primary solution in the Generix Supply Chain Hub suite of solutions. SOLOCHAIN tracks inventory (raw materials, components, packaging materials, finished goods, etc.) from the time of receipt, through any kitting/manufacturing processes, to the customers.

SOLOCHAIN provides accurate, real-time inventory visibility. The platform improves operational efficiency and productivity across the warehouse.

### How?

SOLOCHAIN is a web-based application that leverages Service-Oriented Architecture (SOA) and 3-Tier Architecture.

It can be deployed as an On-Premises or SaaS solution. If SOLOCHAIN is deployed as a SaaS solution, Generix provides a secure, high availability, scalable, and upgradeable cloud computing platform.

## INTEGRATION CAPABILITIES

SOLOCHAIN is agile, highly configurable, and able to seamlessly integrate with other business systems (ERP, EDI, TMS, MHE, WES, etc.), via SOLOCHAIN Soloconnect.

SOLOCHAIN leverages wireless mobile computers (handhelds, smartphones, wearable wrist mounts, vehicle mounts) to manage inbound, warehousing, kitting/manufacturing, and outbound processes, generating detailed event logs, including user, date, and timestamps based on inventory, containers, locations, orders, processes, tasks, etc.

Event logs and statuses are used to generate graphical Dashboard reports (Performance, Inbound, Warehousing, Outbound).

## SOFTWARE SPECIFICATION

<b>OVERVIEW</b>	
<b>PRODUCT NAME</b>	SOLOCHAIN WMS
<b>PLATFORM</b>	
<b>CLOUD</b>	✓
<b>INSTALLED</b>	✓
<b>BUSINESS SECTOR</b>	
<b>3PL</b>	✓
<b>MANUFACTURING</b>	✗
<b>RETAIL</b>	✗
<b>WHOLESALE</b>	✗
<b>SOFTWARE FEATURES</b>	
<b>BARCODING/SERIAL TRACKING</b>	✓
<b>BILLING</b>	✓
<b>CROSS DOCKING</b>	✓
<b>FORECASTING</b>	✓
<b>INVENTORY MANAGEMENT</b>	✓
<b>KITTING</b>	✓
<b>ORDER MANAGEMENT</b>	✓
<b>PART TRACKING</b>	✓
<b>PICKING &amp; PACKING</b>	✓
<b>PRODUCT ROTATION/SHELF LIFE</b>	✓

<b>PURCHASING</b>	✗
<b>REAL-TIME DATA</b>	✓
<b>RECEIVING &amp; PUTAWAY</b>	✓
<b>REPORTING &amp; ANALYTICS</b>	✓
<b>RETURNS/RECALLS</b>	✓
<b>SHIPPING MANAGEMENT</b>	✓
<b>STAGING</b>	✓
<b>THIRD PARTY PLUGINS</b>	✓
<b>WAREHOUSE MAP</b>	✓
<b>WIRELESS WAREHOUSE</b>	✓
<b>WORKFORCE/LOAD MANAGEMENT</b>	✓
<b>YARD MANAGEMENT</b>	✓
<b>CUSTOMER SIZE</b>	
<b>SMALL</b>	✓
<b>MEDIUM</b>	✓
<b>ENTERPRISE</b>	✓
<b>OTHER FEATURES</b>	
<b>MULTI WAREHOUSE</b>	✓
<b>MULTI CURRENCY</b>	✓
<b>CUSTOMIZABLE</b>	✗
<b>FURTHER INFORMATION</b>	

## SOFTWARE SCREENSHOTS



## Adaptable Mobile Workflow & Graphical Tools



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Event Code	Events Date	Comments	User/Date
mov.load.dir	2014-05-04 09:05:19	Material[20003] directly loaded into Trailer1.	daniel@2014-05-04 09:05:19
mi.ans.shll	2014-05-04 09:05:00	Material [20003] assigned to SHL1 [20044039] during load	daniel@2014-05-04 09:05:19
mov.klift.on	2014-05-03 16:20:00	Material [20003] moved on Forklift-1	daniel@2014-05-03 16:20:27
ass.pick.mi	2014-05-03 16:20:00	MI(20003) assigned to PKL1 [20025514]	daniel@2014-05-03 16:20:27
ass.mi.wos	2014-03-20 13:49:36	MI(20003) assigned to WOS[20025050]	daniel@2014-03-20 13:49:36
cre.mi.prod	2014-03-20 13:49:36	MI(20003) created for WOS[20025050]	daniel@2014-03-20 13:49:36

## New Dashboards



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## Implementation & Back Office

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## Traceability & Recall

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## Warehouse Mapper - 2D

