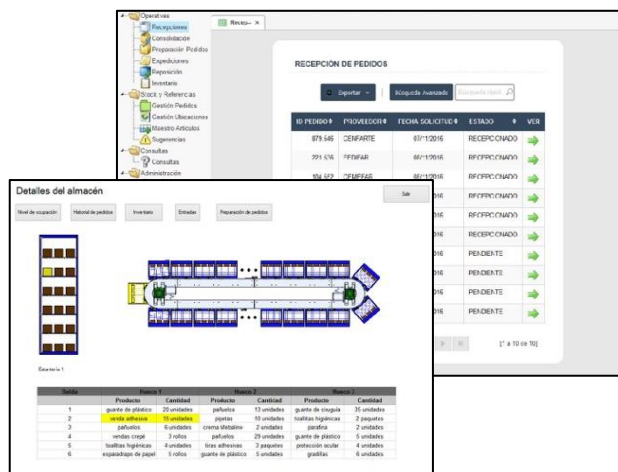


MMSlog® AUTOMATED WAREHOUSE SOFTWARE (AWS)

The MMSlog® AWS is modular, easily integrable and operates the “touch-less” concept to streamline operations.



A. INTRODUCTION

Modular architecture, which formally standard includes at least:

- 1. Management Module:** configuration of the Machine and obtaining historical data.
- 2. User Module:** display management touch control and machine control for logistics processes.

B. INTEGRATION

Easy integration with external programs

- Mirth Communication Channels.
- Web services
- Exchange data base of information
- Plain text files.

C. MANAGEMENT MODULE

General Functions

- Products and locations overview, with shelf detail.
- Orders and entry orders overview.
- User and security manager, with different levels of access.
- Configuration of external peripherals, such as printers and labelers.
- Reports management, with simple, combined and graphical filters.

D. USER MODULE

General Functions

- Login user.
- Selection of type of operation to be executed.
- “Touchless” principle. Once an operation is chosen, the software and the carousel are synchronized, requiring minimal actions on the screen
- Overview of configurable alerts and warnings.

Storage Management

- Locations management: static, dynamic, rotational storage, etc..
- Automatic or manual stockpile.
- Total or partial inventories.
- Internal movements of merchandise, such as replenishment orders.

Goods Receipt

- Locations management: static, dynamic, rotational storage, etc.
- Automatic or manual stockpile.
- Product entry with and without purchase order, with supplier filters.
- Merchandise returns management.
- Reports and labeling of packages with bar code.
- User returns management.
- Traceability: batch control, expiration date, serial number, etc.
- Product quarantine option.
- Cross docking operations.

Order Preparation

- Order Manager with filters.
- Preparation of orders in individual or consolidated mode with preparation table.
- Different picking strategies: FIFO, LIFO, peak elimination, emergency management.
- Volumetric control of orders for their assignment to output packages.
- Management of labels for packages and orders.
- Data management and advanced report generation: operator performance, product rotations, graphs