

PRE SHOW REPORTING LOGIMAT 2014

16 December 2013 by EUROEXPO

NOWADAYS INFACIT IS IMPORTANT HAVE SOLUTIONS FOR EVERY NEED, AT THE RIGHT PRICE AND FOR EVERY PRICE TARGET.

FOR THIS REASON AUTOMHA DEVELOPED A INTERMEDIATE SOLUTION AUTOSATWIFI, BETWEEN THE SEMI-AUTOMATIC PRODUCT AUTOSAT® AND THE COMPLETE AUTOMATIC SYSTEM AUTOSATMOVER®.

AUTOSATWIFI:

- SEMI-AUTOMATIC MACHINE
- BATTERY POWERED
- WIFI COMMUNICATION

AUTOSATWIFI IS THE INNOVATION OF USE OF THE AUTOSAT SYSTEM TOGETHER WITH HANDSETS AND AUTOMATIC GUIDED VEHICLES (AGV).

THE CONCEPT IS THAT MANUAL COMMANDS BY THE OPERATOR ARE NO LONGER NECESSARY, WHEREAS OPERATIONS TAKE PLACE AUTOMATICALLY BY MEANS OF WIFI COMMANDS FOR COMMUNICATION WITH WMS (WAREHOUSE MANAGEMENT SOFTWARE).

THE POWER SUPPLY REMAINS ONBOARD THE MACHINE, WITH A STATE-OF-THE-ART LITHIUM BATTERY AND IT IS STILL POSSIBLE TO CONTROL **AUTOSATWIFI** WITH THE REMOTE CONTROLLER SUPPLIED, ON REQUEST, TOGETHER WITH THE MACHINE.

ADVANTAGES OF AUTOSATWIFI WITH HANDSET:

THE OPERATOR HAS FULL VIEW OF THE WHOLE STORAGE AND ALSO HAS ACCESS TO THE MACHINE COMMANDS:

- VIA HANDSET, HE RECEIVES STORE KEEPING UNITS FOR INBOUND AND THE DESTINATION FOR STORING. ON THE HANDSET, BY OPENING A SUITABLE WINDOW DESIGNED BY AUTOMHA, THE OPERATOR CAN

HAVE ACCESS TO ALL THE AUTOSAT COMMANDS.

BY PRESSING THE "IN" COMMAND, **AUTOSATWIFI** AUTOMATICALLY PERFORMS THE STORING OPERATIONS.

- VIA HANDSET, HE RECEIVES THE MISSION TO UNLOAD THE PALLET FROM STORAGE AND HE RECEIVES THE GROUND BAY ADDRESS FOR PICKING AND SHIPPING. THE MISSION TO RETRIEVE THE PALLET FROM STORAGE IS ALSO ACTIVATED BY THE OPERATOR BY MEANS OF THE COMMAND INTERFACE ON THE HANDSET.

THE SINGLE OR MULTIPLE HANDSETS CAN BE SUPPLIED BY AUTOMHA TOGETHER WITH THE WMS SOFTWARE. ON THE OTHER HAND, IF THE CUSTOMER ALREADY HAS THE WMS RF (RADIO FREQUENCY) SYSTEM, AUTOMHA CAN INSTALL THE SOFTWARE FILE ON THE HANDSETS SO AS TO OPEN COMMUNICATION WITH THE **AUTOSATWIFI** MACHINES SUPPLIED. BY MEANS OF THIS WINDOW, ALL THE MACHINE COMMANDS, SUMMARIZED IN THE RF REMOTE CONTROLLER SUPPLIED TOGETHER WITH AUTOSATWIFI, ARE REPLICATED.

IN THIS WAY, THE HANDSET REPRESENTS THE CONNECTION POINT BETWEEN THE WMS SYSTEM AND THE AUTOSATWIFI. THE FILE SUPPLIED BY AUTOMHA TO BE INSTALLED ON THE HANDSET HAS BEEN DEVELOPED FOR WINDOWS CE AND WINDOWS MOBILE OPERATING SYSTEM.

ADVANTAGES OF AUTOSATWIFI WITH AGV:

WITH AGV THE SYSTEM BECOMES COMPLETELY AUTOMATIC.

- AGV RECEIVES THE ORDERS TO CARRY OUT VIA WMS AND, TOGETHER WITH **AUTOSATWIFI**, IT GOES ON PERFORMING THE REQUESTED MISSIONS.

THE FUNCTIONAL STRUCTURE IS BASED UPON THE FOLLOWING CONFIGURATIONS:

- WMS SENDS ORDERS TO AGV
- AGV INFORMS WMS OF THE RESULT OF THE MISSION AND OF THE STATUS OF THE MACHINE

- AGV IS CLOSELY CONNECTED TO **AUTOSATWIFI**

AUTOMHA WILL SHOW THE SOLUTION AT ITS STAND **HALL 1 - STAND 464**.

NOT LOOSE THE EVENT, NOW WE ARE THE ONLY ONE AND REFERENCED.

Source: euroexpo