INTERFACE REST API (.JSON FORMAT)

Rest Api avaiable:

- **I24M_ITEM_LOAD**   (Orders / Loading List)
- **I24M_ITEM**   (Item creation)
- **I24M_MVT_ITEM**   (History)
- **I24M_INVENTORY**   (Inventory)
- **I24M_USER_ITEM**   (Users creation)
- **I24M_USER_PROFILE**   (Users rules and profiles)
- **I24M_BOOKING**   (Material withdraw prenotation)
- **I24M_PLANT_LIST**   (Get information about avaiable plants)
- **I24M_INFOPRODUCT**   (Gent articles information)
- **I24M_RESTOCK_RIQUIRED**   (Get list of dispenser per plant)

POST:

- **I24M_ITEM**
- **I24M_USER_ITEM**
- **I24M_ITEM_LOAD**
- **I24M_BOOKING**

GET:

- **I24M_MVT_ITEM**
- **I24M_INVENTORY**
- **I24M_PLANT_LIST**
- **I24M_INFOPRODUCT**
- **I24M_RESTOCK_RIQUIRED**

API Rest Documentation

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VERSION HISTORY

The information about last version updates are highlighted in yellow

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V1.0   First version of Api rest documentation

POST REST API

## Orders/ Loading list	
Post:	**I24M_ITEM_LOAD**

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
Doc_id	Id Order
Doc_line_Id	Line order
Name_Supplier	Name supplier
Code_Supplier	Code of the supplier (Mandatory ex.0000)
IdCode_Supplier	Code of the article associated to the supplier
Code_Bar	Code of the article (Mandatory)
Doc_Date	Date of documents "AAAA-MM-GG HH:PP:SS.mmm"
UM	Mesurament units
Entry_Qnt	Quantity to load on dispenser
Processed_Qnt	Not necessary*
Order_Type	Loading list value must be = "A"
Sync	Not necessary*
Doc_Line_Id_K	String that will be signed in loading movements (history)
Price	Price of product (price will be automatic update in the item inventory)

Booking

Post:	**I24M_BOOKING**

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
sIdDispenser	ID of destination dispenser (serial number)
Doc_line_Id	Line order
Code_Bar	Code of the article (Mandatory)
Doc_Date	Date of documents "AAAA-MM-GG HH:PP:SS.mmm"
UM	Mesurament units
Entry_Qnt	Quantity to load on dispenser
Processed_Qnt	Not necessary*

Users Profile / Working List

Post:	**I24M_USERS_PROFILE**

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
UserGroupName	Group of user of the rules (could be empty)
ProductGroupName	Name of products group or code of the working list (barcode accepted)
Code_Bar	Code of the article (Mandatory)
Lapse_Qnt	Quantity of material of picking list / Quantity of period for rules
Day_Qnt	Material quantity for days picking rules
Week_Qnt	Material quantity for week picking rules
Month_Qnt	Material quantity for month picking rules
ListMode	Value = 1 to send working list /Value = 0 to send rules
List_of_IdDestination	List of serial number of machines to send lists (could be empty)
nIdProfile	Automatic integer *
bToDelete	Value =1 if you want to delete rules or lists created before
bSync = 0	Not necessary*
SESSION_QNT	Material quantity for session picking rules
TOONGOING_QNT	Material quantity that can be used out of dispenser before to pick something elese (picking rules)

API Rest Documentation

Item

Post:	**I24M_ITEM**

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
IdCode_ERP	Code of ERP
Code_Bar	Code of the article (Mandatory)
Code_Bar_Alias	Alternative code
Item_Name	Name of the article (Mandatory)
Item_Description	Description of the product
Group_L1	Category (Shuld be compiled to display the articles)
Group_L2	Subcategory
Name_Supplier	Name of supplier
Code_Supplier	Code of supplier
IdCode_Supplier	Code of the article associated to the supplier
Name_Manifacturer	Name of the producer
Price	Price of the article
Sell_Price	Selling price
MinLevel	Minimum level for reorder (high warning lvl)
Reorder_Level	Reorder level for reorder of product (normal warning lvl)
MaxLevel	Max level for reorder of products (maximum quantity of products)
Cell_Qnt	Quantity of products to allocate for space/cell/location/box
Consumable	Value =1 if the product is consumable / Value = 0 if the product is returnable
Priority	Usable for specific operations*
Doc_Path	Path of inmage of the article to load
Sync	Not necessary*

GET REST API

Plant List

Get:	I24M_PLANT_LIST

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)

Info Product

Get:	I24M_INFOPRODUCT

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
ID_Bcd	Barcode of the article

Inventory

Get:	I24M_INVENTORY

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
Id_Dispenser	Serial number of the dispenser (BU******)

Restock Required

Get:	I24M_RESTOCK_REQUIRED

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
ListOf_Id_Dispenser	Serial number of the dispensers (BU******) to display stock info

API Rest Documentation

History / Movement

Get:	**I24M_MVT_ITEM**

(header) Id_Plant	Id of Plant (Network alias signable) – (Not mandatory)
ListOf_Id_Dispenser	Serial number of the dispensers (BU******) to display stock info
Start_Date_Time	Start history period (AAAA-MM-GG HH:PP:SS.mmm)
End_Date_Time	End history period (AAAA-MM-GG HH:PP:SS.mmm)