
MANAGEMENT SOFTWARE FOR THE SMART CABINET SYSTEM

MMSlog®

The **Smart Cabinet System MMSlog®** has 2 management softwares that make it possible to perform full operations:

- The first software: The HMI of the Smart Cabinet MMSlog® is the control software of the cabinet, with its associated CPU and screen. It controls user authentication and access as well as all activities being registered.
- The second software: SIGUC (Comprehensive Consumption Units System) is a hierarchically superior software for the control of the different Smart Cabinets installed in a centre, as well as product management, activity monitoring, etc.

1. SMART CABINET MMSlog® HMI SOFTWARE

The following is a brief description of the Smart Cabinet System MMSlog® HMI software. This software is responsible for directly managing the entire operation among users, restockers and administrators with the cabinet. Its main functionalities are:

- 1) Access control and user identification:
 - a. Different access roles and use of the system.
 - b. Records and tracking of equipment access and use.
 - c. Records of denied access incidences.
- 2) Real-time inventory taking of items and stocks control:
 - a. List of products in stock
 - b. Products status
 - c. Entry and expiration dates.
 - d. Item identification codes.
- 3) Material removal procedure:
 - a. Assignment to scheduled activities
 - b. Assignment to non-scheduled activities.
- 4) Material return or entry of new material procedure:
 - a. Return/assignment by date.
 - b. Return/assignment by patient.

- 5) System operation logs display:
 - a. Incident management and notification.

- 6) Global management in operation in stand-alone local mode: Access control, stocks, logs, etc. are managed and stored locally in the equipment.

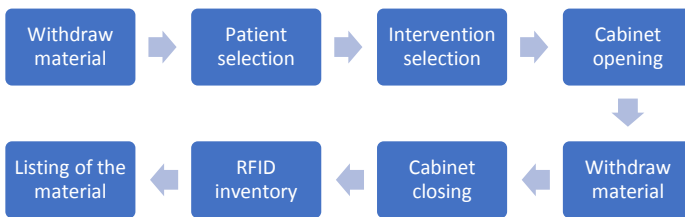
(Access Screen for User Authentication)



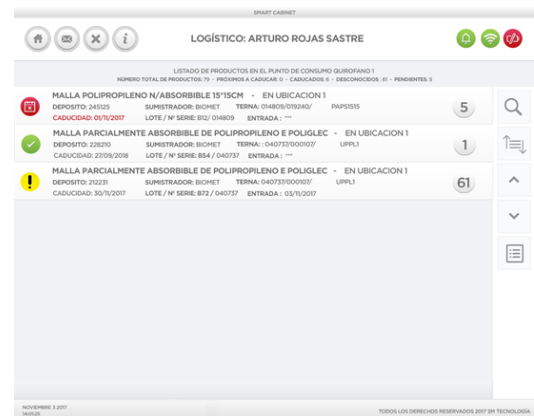
(Main Menu User Role)



(General Workflow in Material Removal)



(Inventory Screen)



2. COMPREHENSIVE CONSUMPTION UNIT SYSTEM (SIGUC®)

In turn, the Comprehensive Consumption Unit Management System (SIGUC) is an application designed to efficiently manage the needs for make-up of goods in hospital logistics.

The main functionalities offered by SIGUC are:

- **Device Management:** It identifies all devices used in the project and manages their specific features and their relationship with the consumption unit where they are located.
- **Label management:** It enables control of all labels managed in each Consumption Unit according to their strategy, and makes it possible to identify at all times the information that the label of such consumption unit displays (this includes both the printed information and its location or status: Consumed stock, existing stock, consumption communicated or stock communicated).
- **Control of orders, transport, delivery and returns:** The orders generated by the hospital software are incorporated to SIGUC, where it is possible to follow its current state from its entry into the system until its confirmation of delivery or return. This confirmation can be managed from the SIGUC application itself or from an application managed through a portable terminal in the Consumption Unit itself.
- **Access control:** It enables the setup of profiles for users, making it possible to activate or deactivate the access of a given user to different functionalities.
- **System control:** It offers traceability for the critical operations carried out in the system, identifying date and user.

(Examples of Siguc screens for Smart Cabinet management)

Inicio Gestión de armarios

Armarios

Tipo	Código	Cód. de UC	Desc. de UC	Área de gestión
	CABCG21	CG21	CG21-OFTALMOLO...	EDIX Ferril
	CABM13	M13	RFD MARCARASOS...	EDIX Ferril
	CABOFXGA	OFTXGA	RFD-OFTX QUIRÓF...	EDIX Ourense
	CABGQ37	GQ37	RFD UNGADE DOR	EDIX Ferril
	CABOG67	OG67	RFD - ARMARIO QU...	EDIX Ferril

Productos en el armario Movimientos del armario

Etiquetas del armario (CABCG21)

Estado	Pedido	Cód. Depósito	Unidad de com...	Módulo	Cód. RFD	Cód. Genérico	Cód. Tema	Descripción
	17EXF000829	P000000246396	8900		303AF3D3C...	033363	033363/000406/AC301...	ANEL CAPSL ^
	17EXF0003368	P000000222813	8900		303AF3D3C...	037349	037349/000406/6779	CONFORMIAI
	17EXF0003369	P000000222814	8900		303AF3D3C...	037349	037349/000406/6780	CONFORMIAI
	17EXF0010454	P000000248584	8900		303AF3D3C...	037349	037349/000406/6778	CONFORMIAI
	17EXF0014504	P000000264010	8900		303AF3D3C...	037349	037349/000406/6779	CONFORMIAI
	17EXF000827	P000000247070	8900		303AF3D3C...	067667	067667/000303/ACR11	ANEL CAPSL
	17EXF000828	P000000247071	8900		303AF3D3C...	067667	067667/000303/ACR11	ANEL CAPSL
	17EXF0017863	P000000279521	8900		303AF3D3C...	067667	067667/000303/ACR11	ANEL CAPSL
	17EXF0024398	P000000306309	8900		303AF3D3C...	067667	067667/000303/ACR11	ANEL CAPSL
	17EXF0005188	P000000227107	8900		303AF3D3C...	067676	067676/000406/6317POI	ESFERA OCL
	17EXF000854	P000000232796	8900		303AF3D3C...	067676	067676/000406/6317POI	ESFERA OCL
	17EXF0003370	P000000222884	8900		303AF3D3C...	067677	067677/000406/6322POI	ESFERA OCL
	17EXF0014505	P000000263892	8900		303AF3D3C...	067677	067677/000406/6322POI	ESFERA OCL v

Mostrando 1 - 5 de 5

Inicio Seguimiento de pedidos

Pedidos

Tipo de p...	Código	Estado	Código ped. agrupado	Incl...	Nº bulbo	Unid
	*****_022				1	Alm
	200935086-001				1	Alm
	200935086-004				1	Alm
	*****_023				1	Alm
	5000991660				1	Alm
	200935135-001				1	Alm
	200935086-005				1	Alm
	0200927776901028				1	Al
	0200935070-002				1	Alm
	0200935070-001				1	Alm
	02009348110001001				1	Alm
	02009348110001001				1	Alm
	02009348110002001				1	Alm

Mostrando 1 - 5 de 13

Lineas de pedido ***_002**

Nº line	Entregada	Incl...	Cód. Tema	Cód. Genérico	Producto
1			00000000000030668	00000000000030668	BOLIGRAFO AZUL SIN CAPUCHA GRANDE
1			0000000000001087	0000000000001087	RAJA CANUTLLO PARA BEBER
1			00000000000030681	00000000000030681	Material nuevo dado de alta para sialog
1			1087	1087	RAJA CANUTLLO PARA BEBER
1			1087	1087	RAJA CANUTLLO PARA BEBER

Mostrando 1 - 5 de 5

Detalles de línea de pedido

Nº Serie	Cód. Depósito	Lote	Fecha de Caducidad	Cantidad
				0

Mostrando 1 - 1 de 1