

The logo for SAFECARE, featuring the word "SAFECARE" in a bold, sans-serif font. "SAFE" is in grey and "CARE" is in blue. The letter "E" in "SAFE" is partially overlapping the "C" in "CARE".

SAFECARE

*Integrated cyber-physical security for health services*

The logo for FONDAZIONE Links, featuring the word "Links" in a stylized, blue, rounded font. Above it, the word "FONDAZIONE" is written in a smaller, blue, sans-serif font. Below "Links", the phrase "PASSION FOR INNOVATION" is written in a blue, sans-serif font.

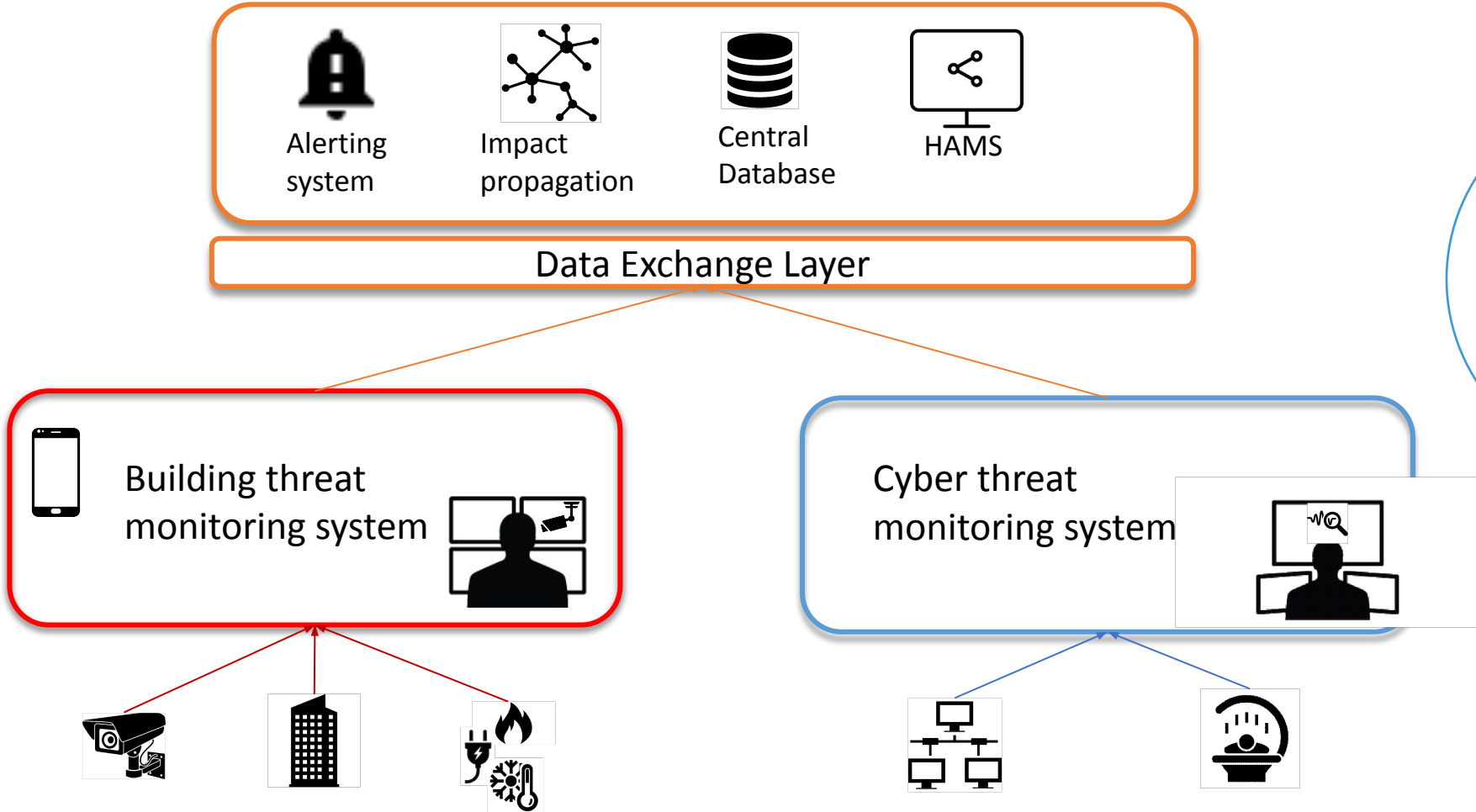
FONDAZIONE  
Links  
PASSION FOR INNOVATION

# *Facilitating the adoption of HAMS through training*

*@3S Clustering Event (Crete)*

*Francesco Lubrano*

# SAFECARE Global Architecture



# Hospital Availability Management System (HAMS)

Provide a general overview of the hospital through the home page

The screenshot shows the HAMS interface for SAFECARE APHM Hospital. The top navigation bar includes the system name and the SAFECARE logo. A sidebar on the left lists navigation options: Home, Dashboard, Tree visualisation, Incidents & Impacts, Inspect asset, Training Mode, and Logout, along with a 'HAVE' button. The main content area is titled 'SAFECARE APHM Hospital' and features a 'Select Facility' dropdown set to 'Batiment Timone 2'. Below this are two tabs: 'DASHBOARD' (selected) and 'TREE VIEW'. The dashboard displays two main sections: 'Facility Status' and 'Messages Received'. The 'Facility Status' section shows the facility name 'Batiment Timone 2'. The 'Messages Received' section contains a table with the following data:

Type of Message	Received
Incidents	3
Impacts	2
Responses	3

To the right of the dashboard is a map showing the location of the hospital, with a blue pin indicating the specific facility. The map includes street names like 'Rue Saint Pierre' and 'Rue Jean Prunel', and a label for 'Direction Générale de l'Assistance Publique Hôpitaux de Marseille'.



# Hospital Availability Management System (HAMS)

Provide detailed information about the status and availability of hospital main assets

Batiment Timone 2

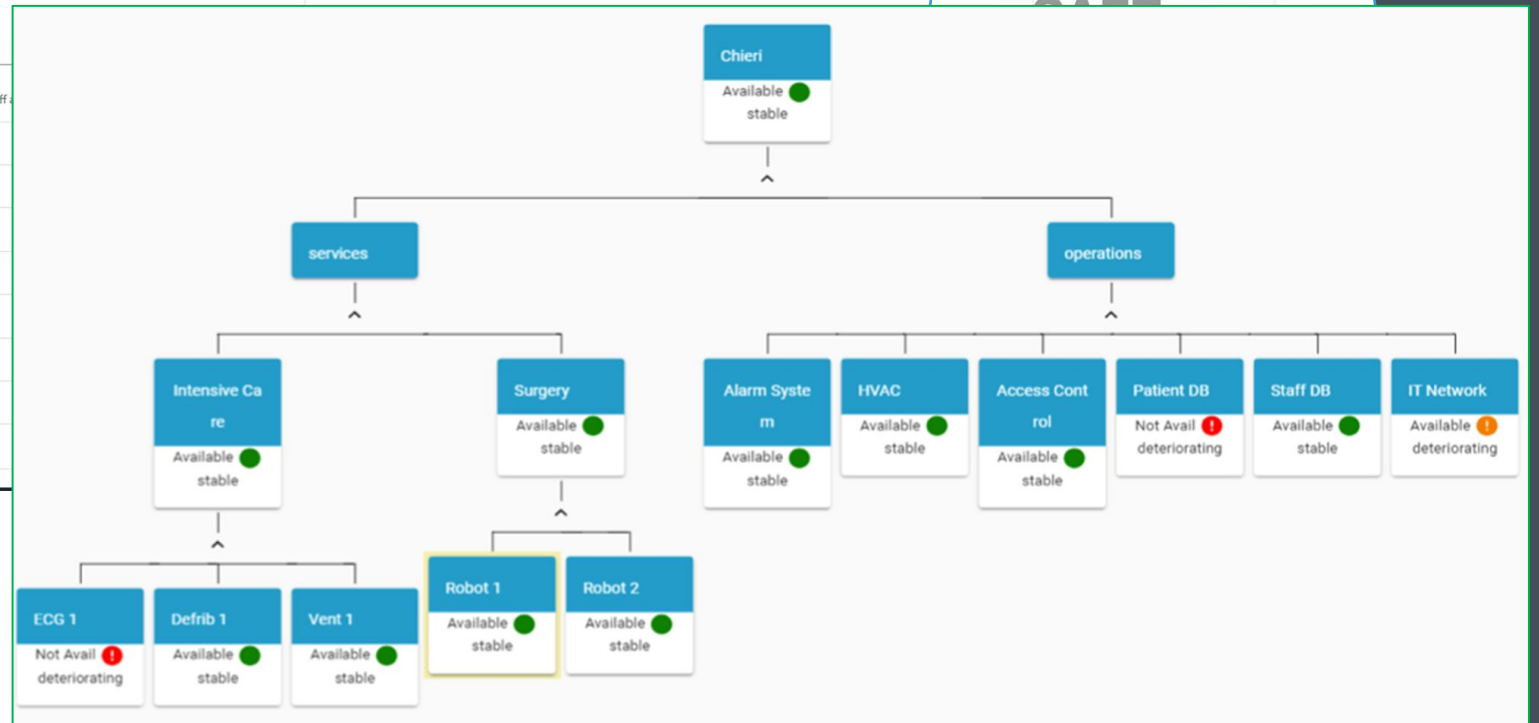
Facility Status REFRESH VIEW UPDATE CDS

DEPARTMENTS

OPERATIONS

Department availability Filter

Department	Availability	Status	Stability	Bed availability	Staff
BLOC OPERATOIRE	Available	green	stable	1	
PHARMACIE	Available	green	stable	1	
LABORATOIRE	Available	green	stable	1	
CONSULTATION	Available	green	stable	1	
HOSPITALISATION	Available	green	stable	1	
IMAGERIE	Available	green	stable	1	
URGENCES	Available	green	stable	1	
SAMU	Available	green	stable	1	



# Hospital Availability Management System (HAMS)

Provide near-real time information concerning detected incidents, impacts and response reports, allowing users to inspect assets properties and protections

HAMS - Hospital Availability Management System

SAFECARE

Incidents Data

REFRESH VIEW

Hide closed incidents

Filter

ID	Origin Asset	Type	Severity	Date ↓	Status	Message	Impacts
f2325945-8628-4dfc-98c5-2b3747e734a0	Controleur d'accès local électrique (appareil)	breaking through access control by force	very high	29/9/2021, 10:44:39 CEST	pending		
4ac15ed4-d206-4499-9134-e72012fb024f	Controleur d'accès local électrique (appareil)	Fraudulent use of access control key	very high	29/9/2021, 10:17:23 CEST	pending		

Impact Messages for Incident 4ac15ed4-d206-4499-9134-e72012fb024f

ID	Message	Asset Relations	Response
b3b2dc5c-8821-4393-80f9-7eabc163aa5e			

Rows per page: 10 1-2 of 2

SAFECARE  
digital cyber-physical security for health services

<https://hams-training-mode.s3.eu-west-1.amazonaws.com/index.html#/training>

# Thank you !

More details available on:

- Our website: <https://www.safecare-project.eu/>
- Twitter: @SafecareP
- LinkedIn: SAFECARE Project

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