



SAFEguard of Critical heAlth infrastructuRE

SAFECARE solution

David Lancelin 01/02/2021



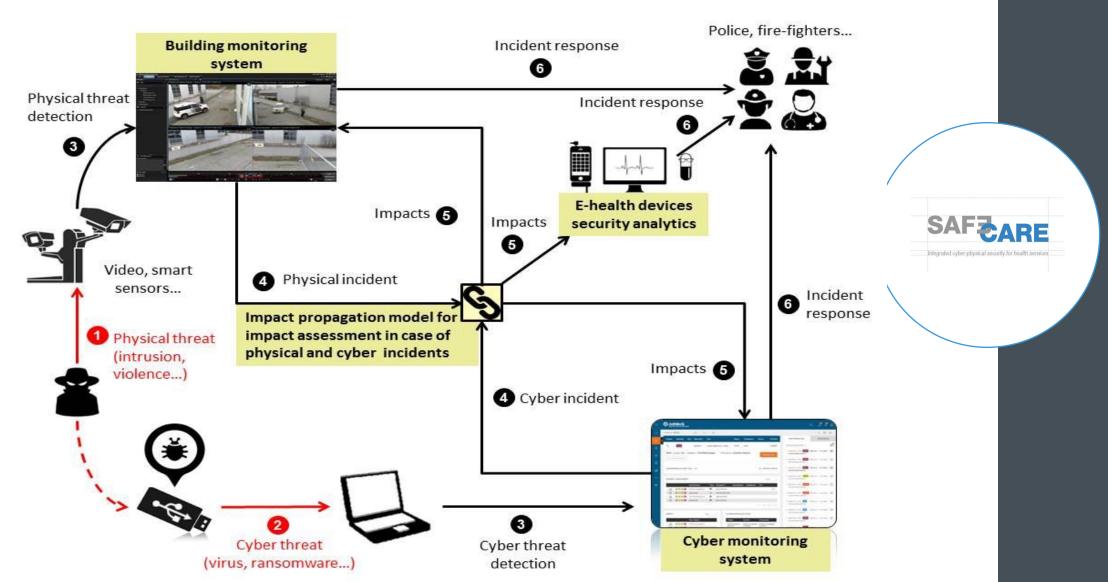
- 1. Global architecture overview
- 2. Physical security solutions
- 3. Cyber security solutions
- 4. Integrated cyber-physical security solutions



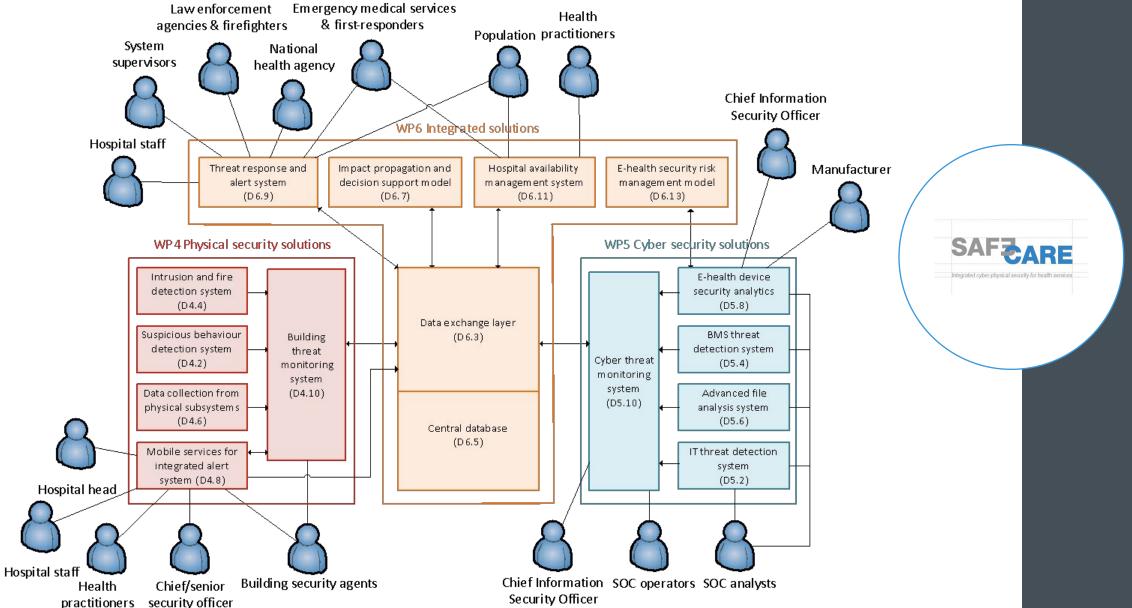
1. Global architecture overview

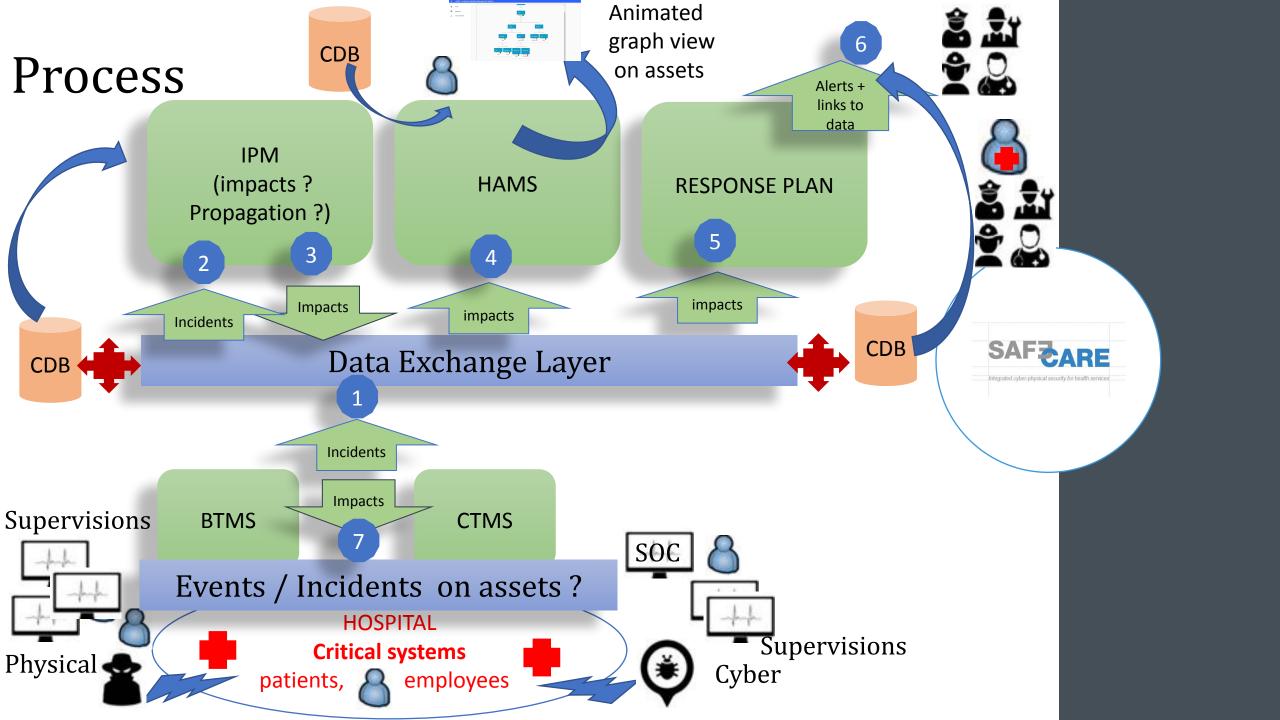


Overall concept



Global architecture

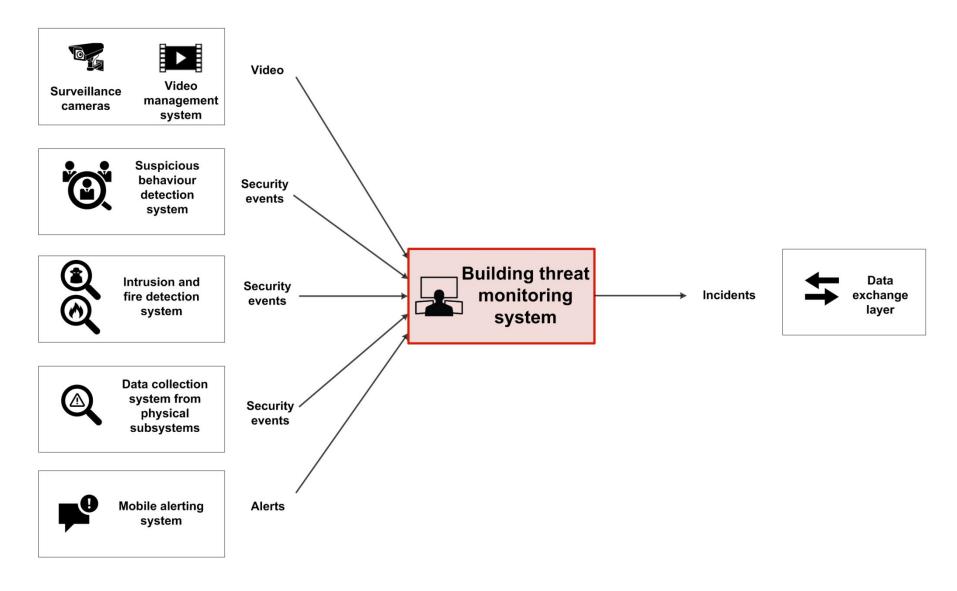




2. Physical security solutions

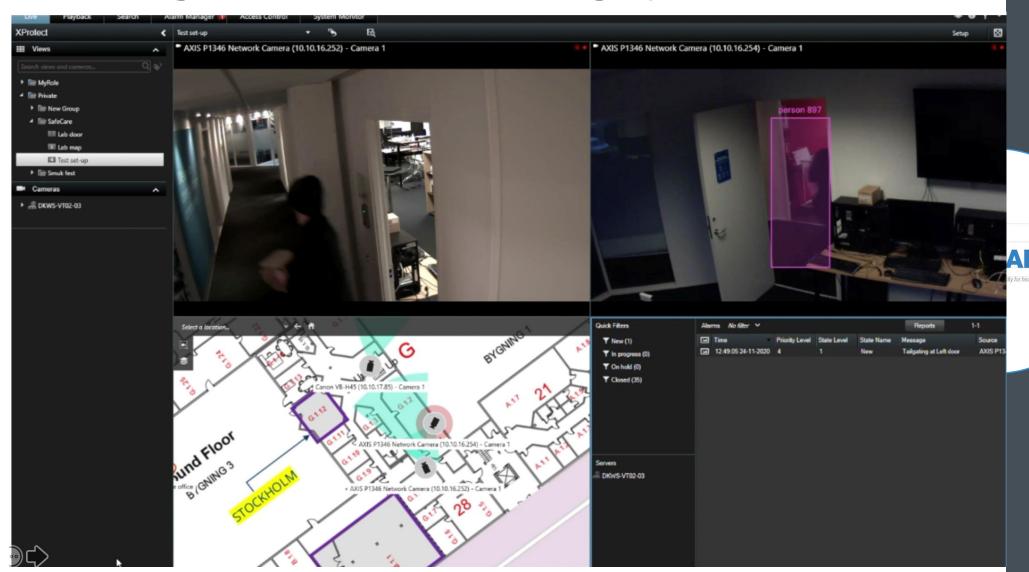


Building threat monitoring system

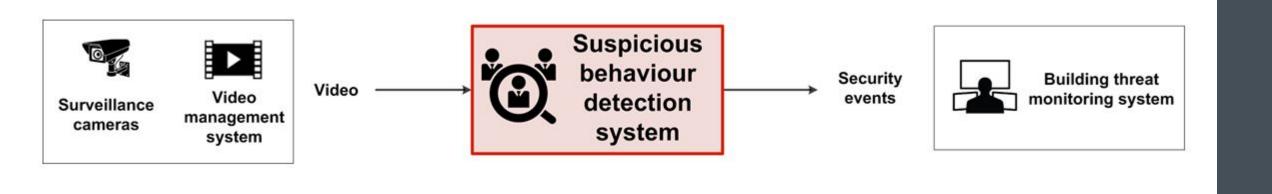




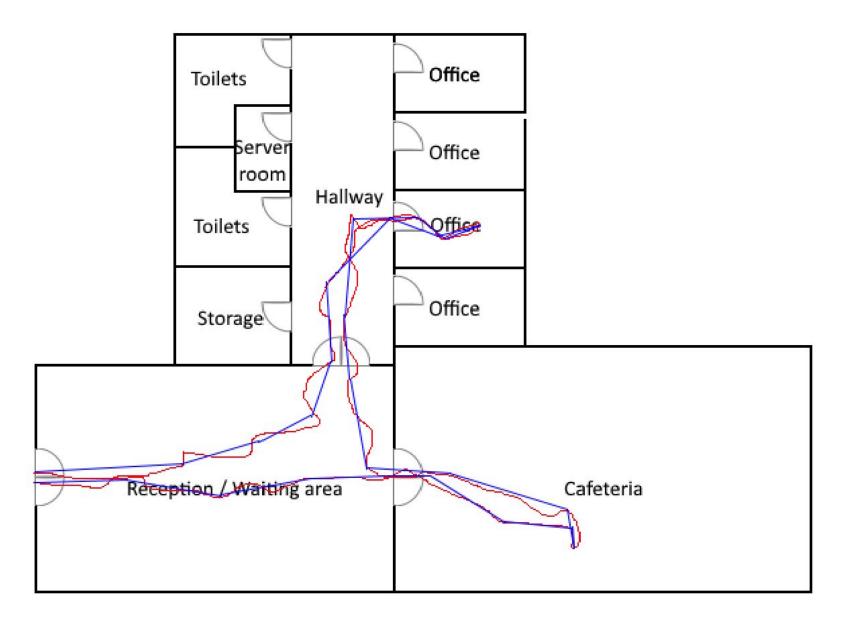
Building threat monitoring system



Suspicious behaviour detection system

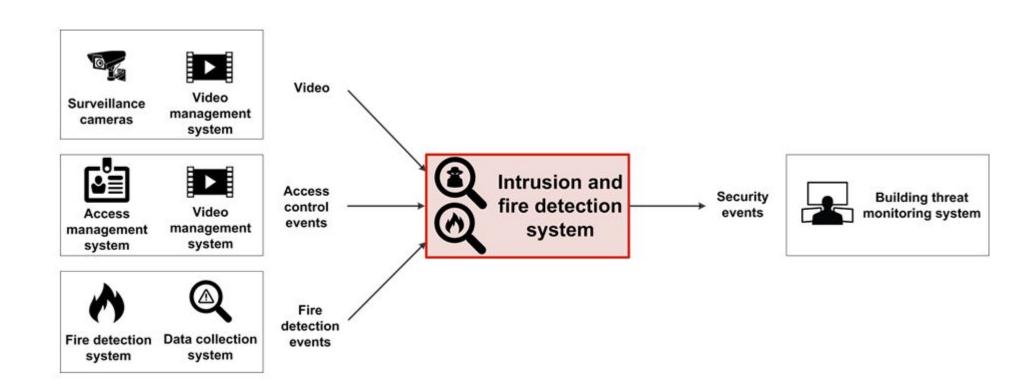


Suspicious behaviour detection system





Intrusion and fire detection system

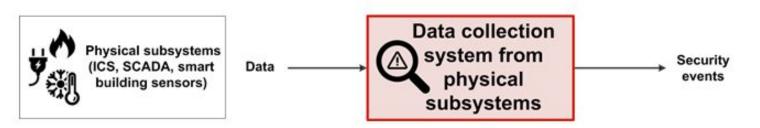




Intrusion and fire detection system



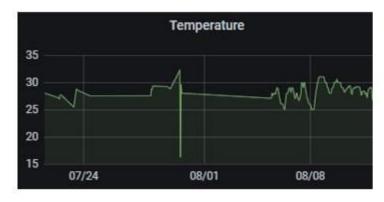
Data collection system

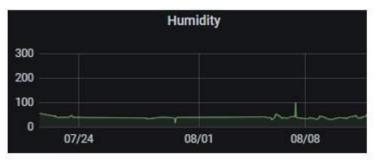






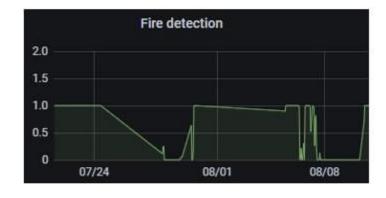
Data collection system

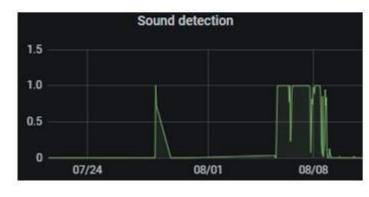


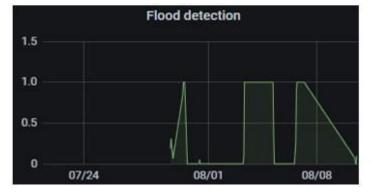


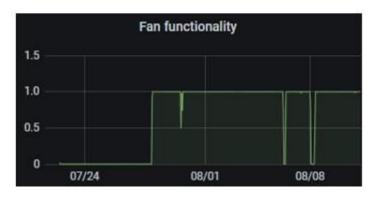






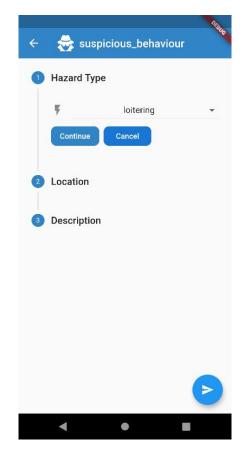


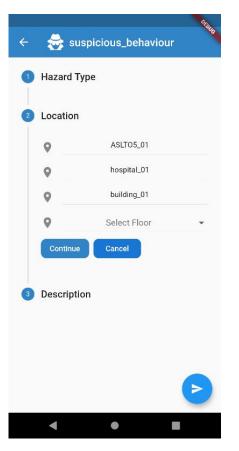


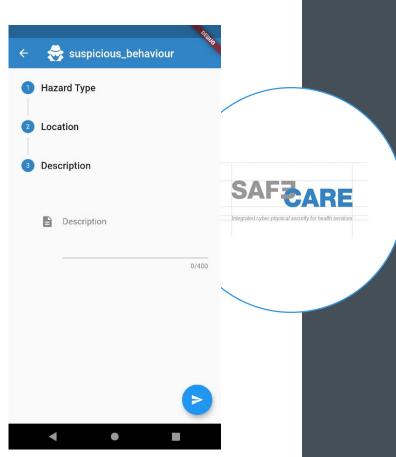


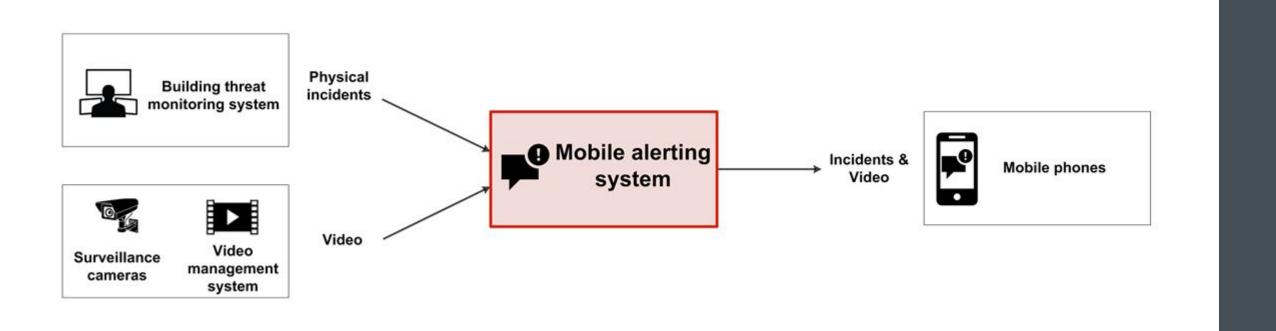


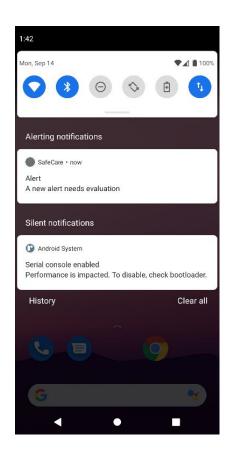


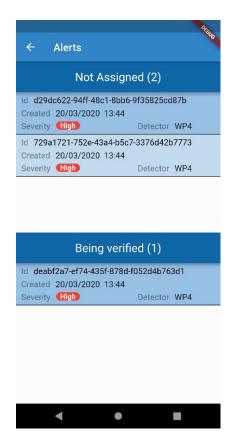




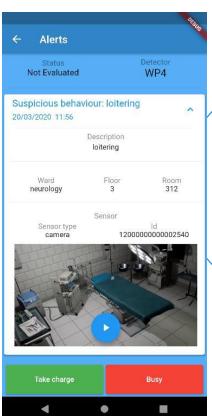










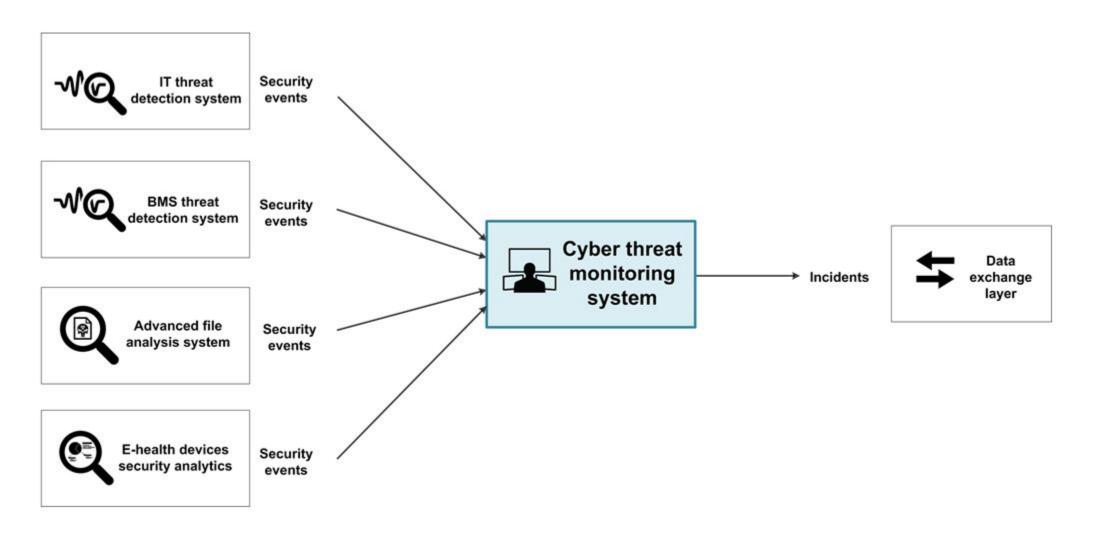




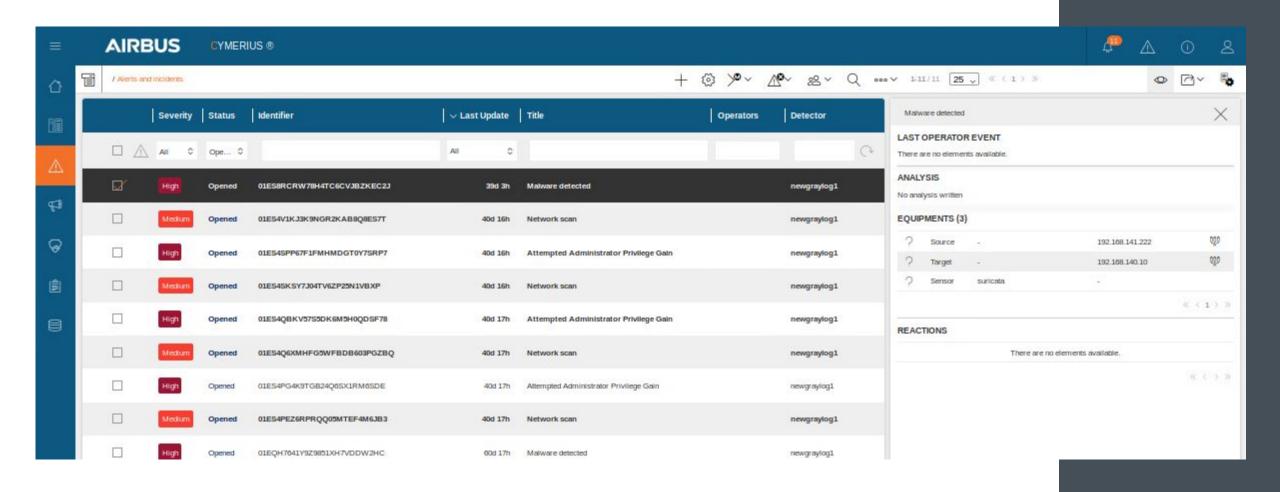
3. Cyber security solutions



Cyber threat monitoring system



Cyber threat monitoring system



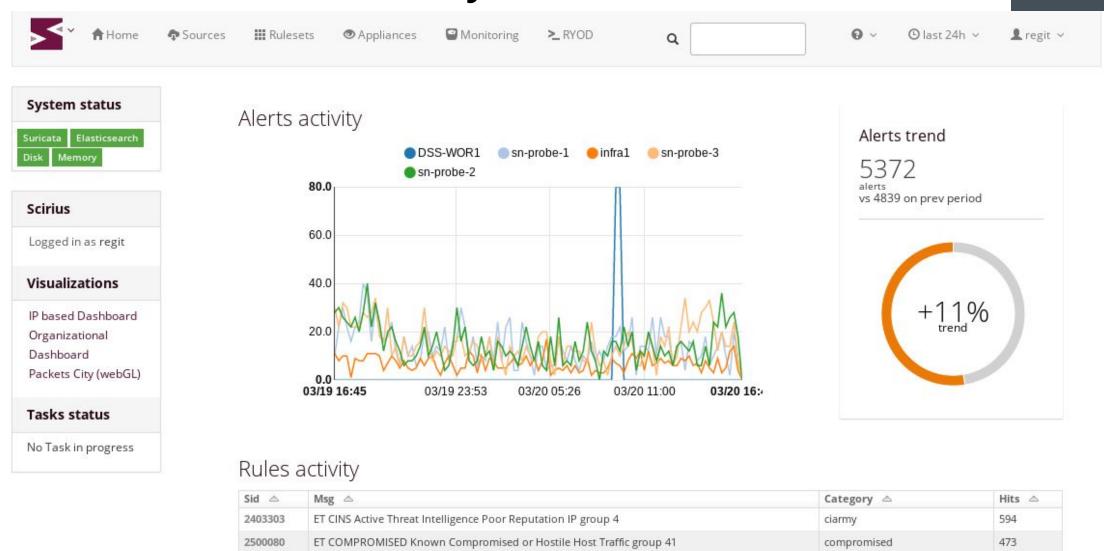
IT threat detection system



IT threat detection system

ET SCAN Sipvicious Scan

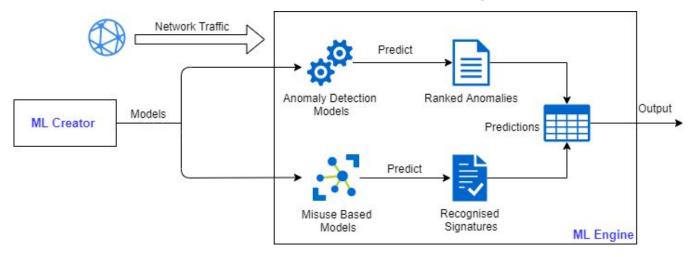
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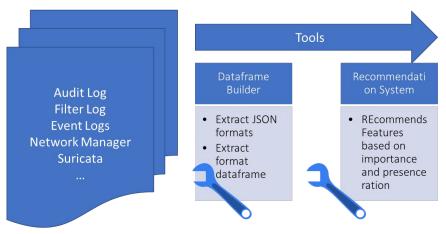


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emerging-scan

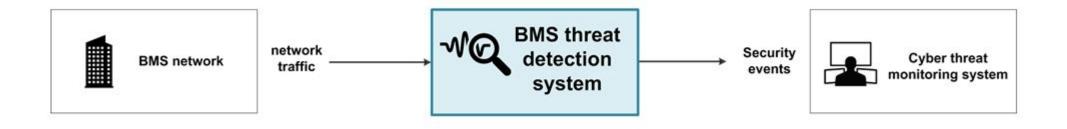
IT threat detection system





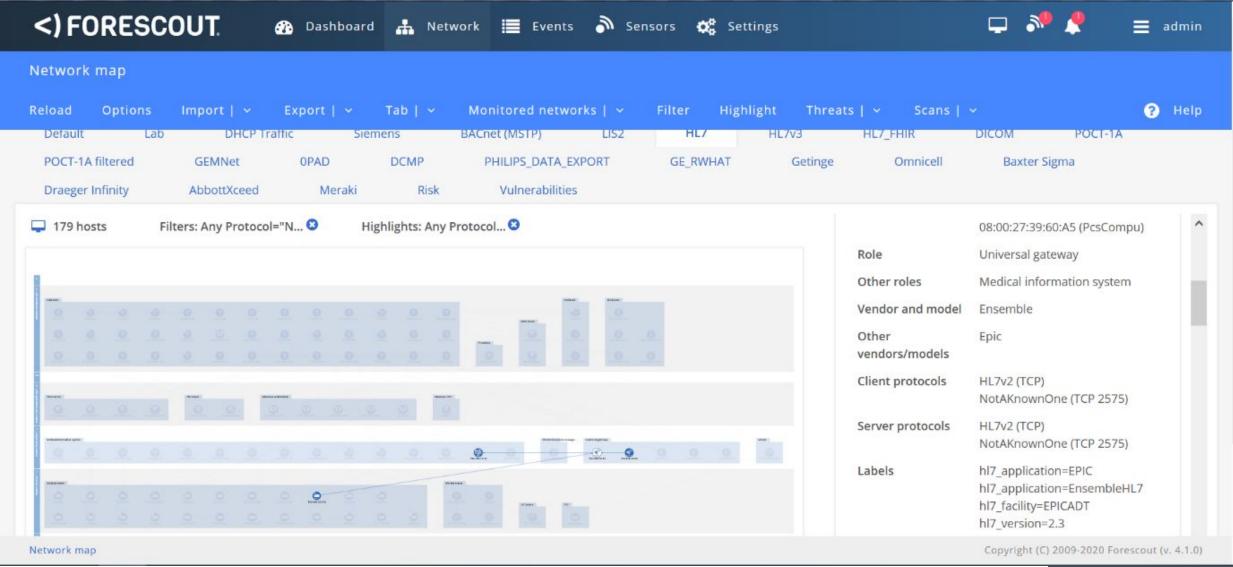


BMS threat detection system

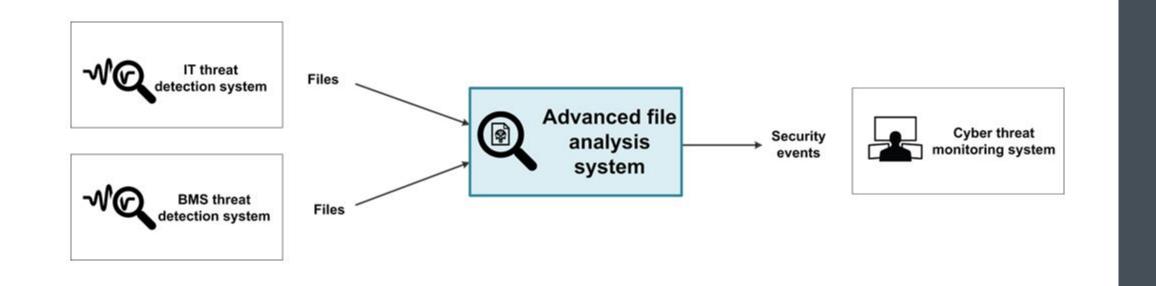


BMS: Building Management System

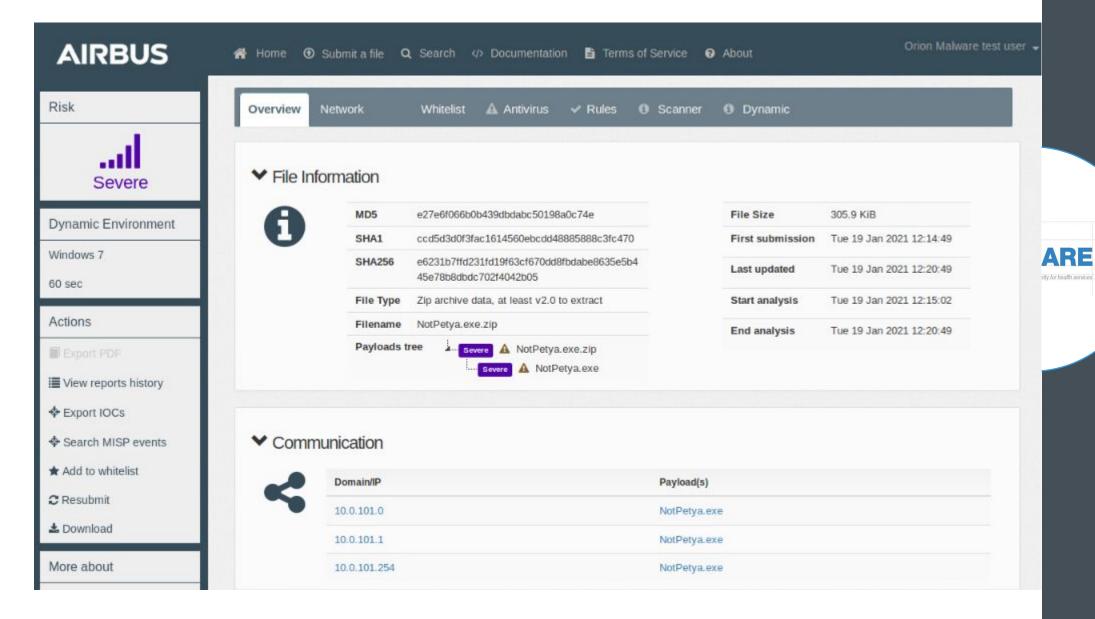
BMS threat detection system



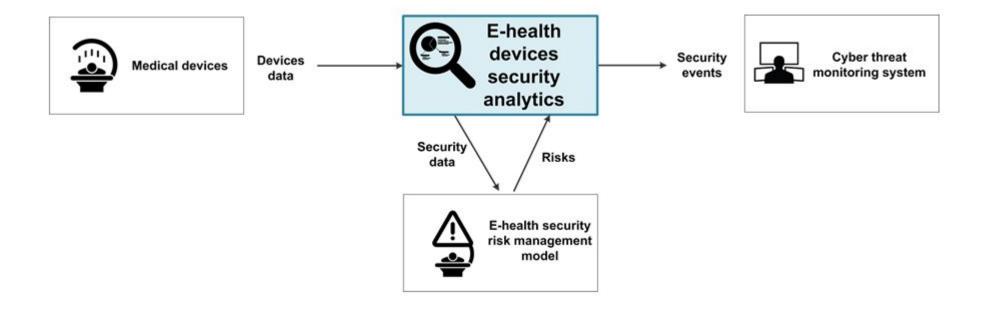
Advanced file analysis system



Advanced file analysis system



E-health devices security analytics





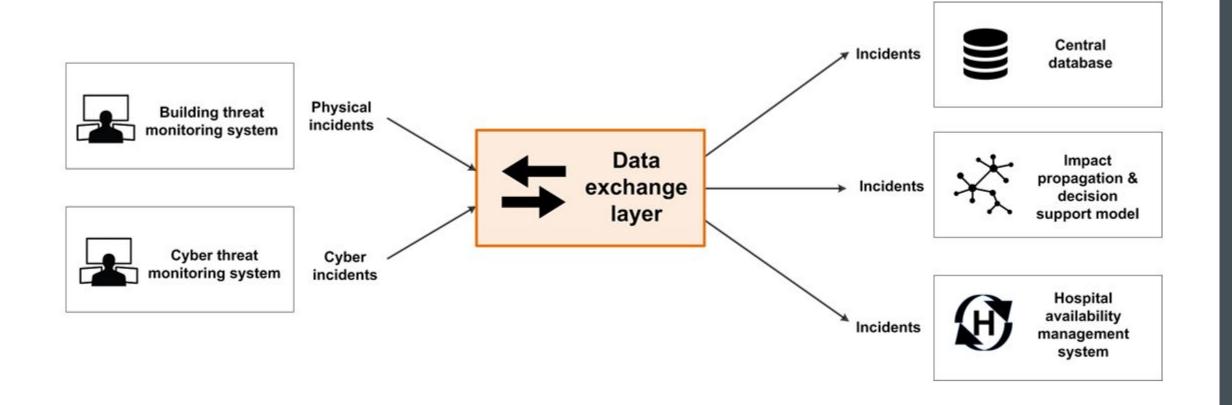
E-health devices security analytics



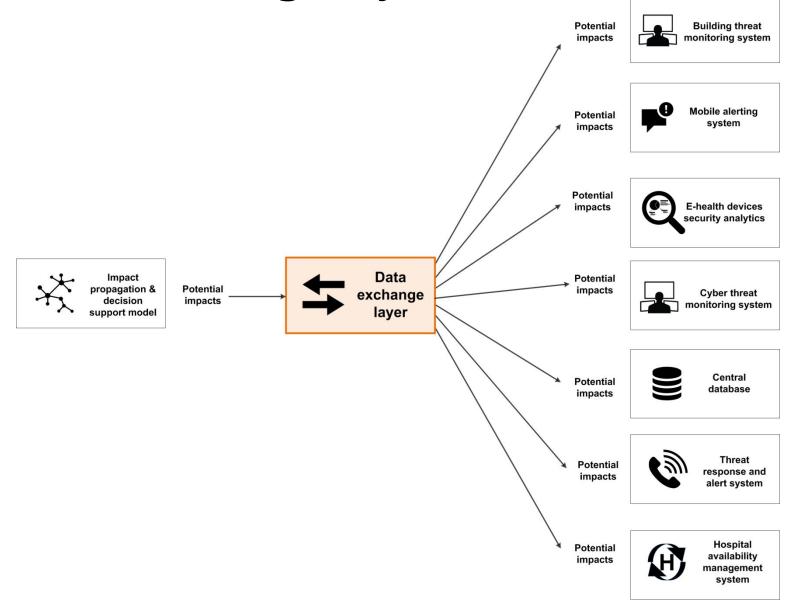
4. Integrated cyber-physical security solutions



Data exchange layer

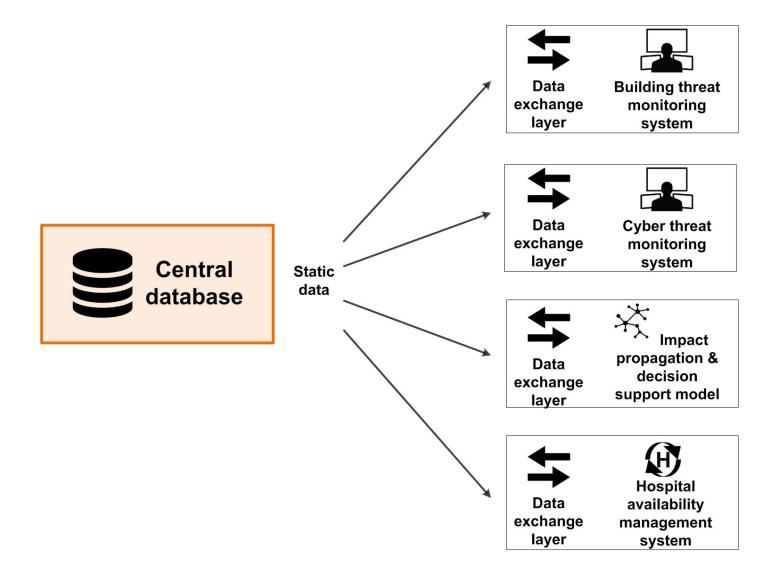


Data exchange layer



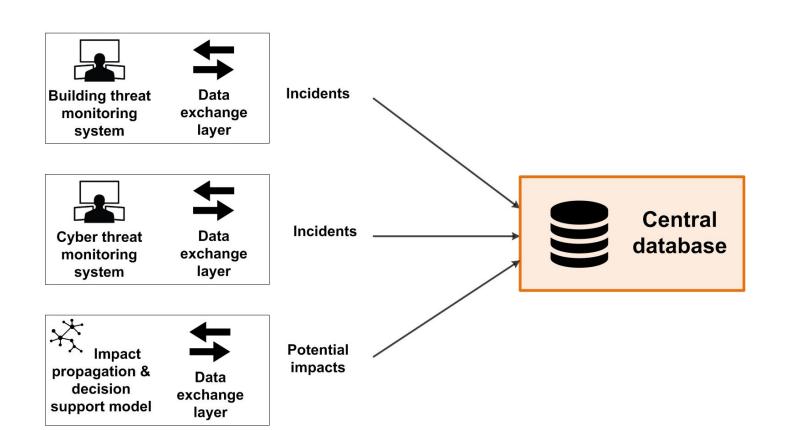


Central database



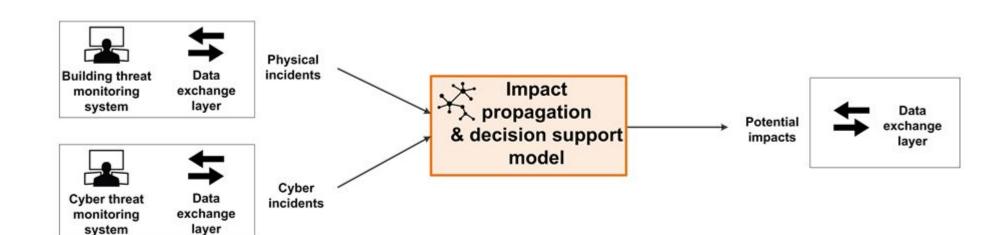


Central database



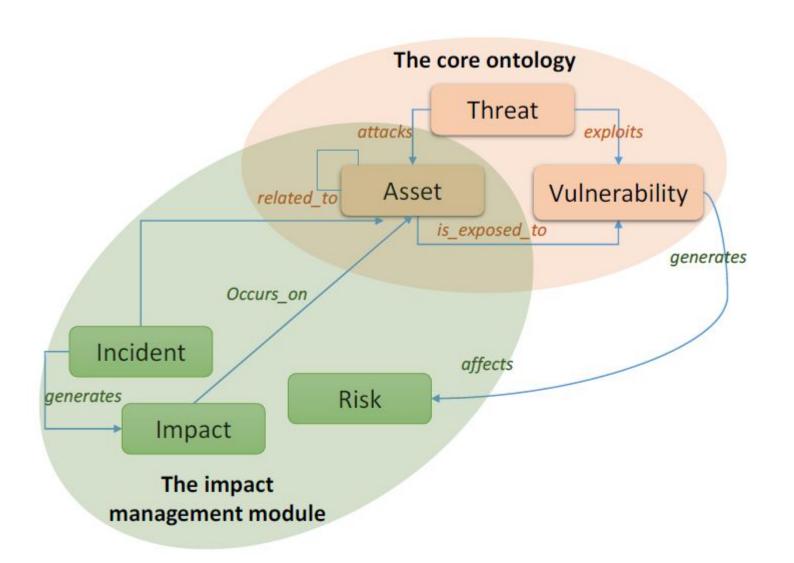


Impact propagation model and decision support model



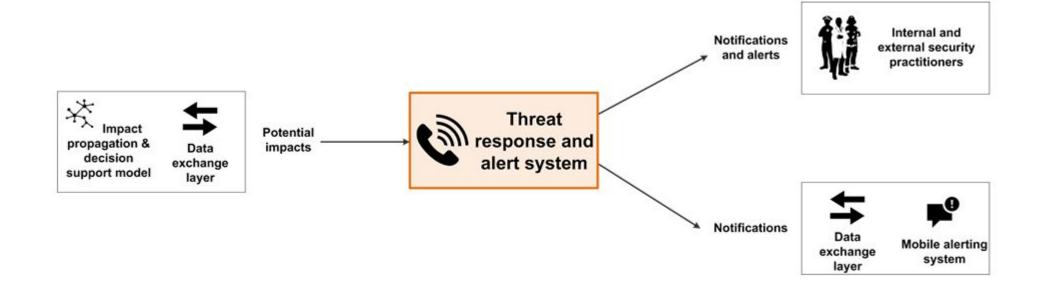


Impact propagation model and decision support model



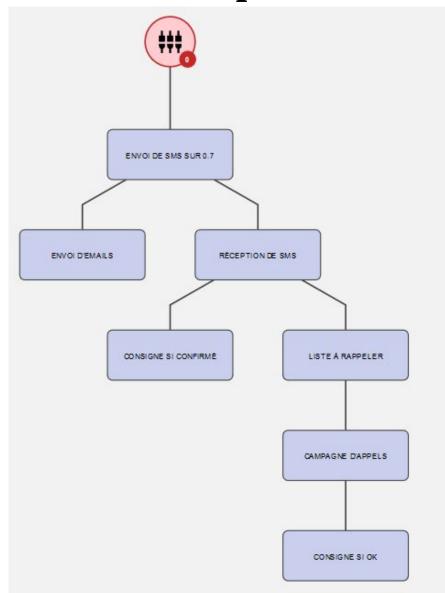


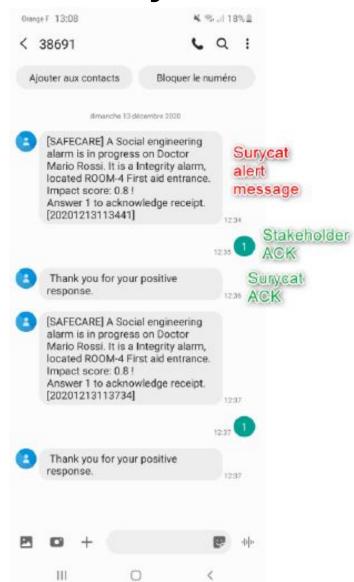
Threat response and alert system





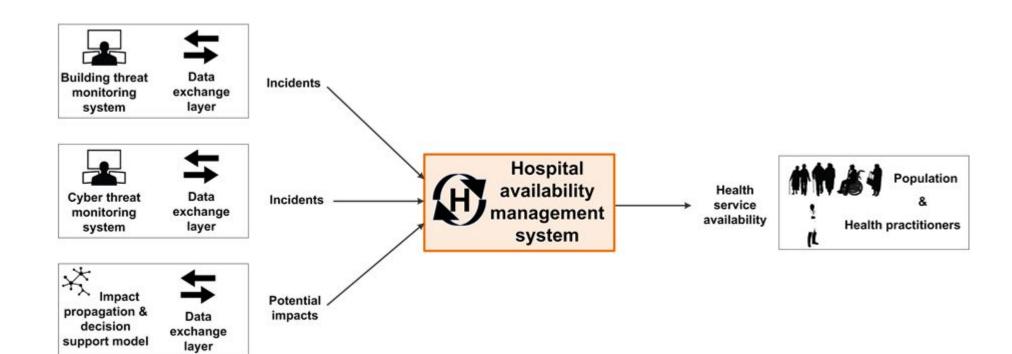
Threat response and alert system





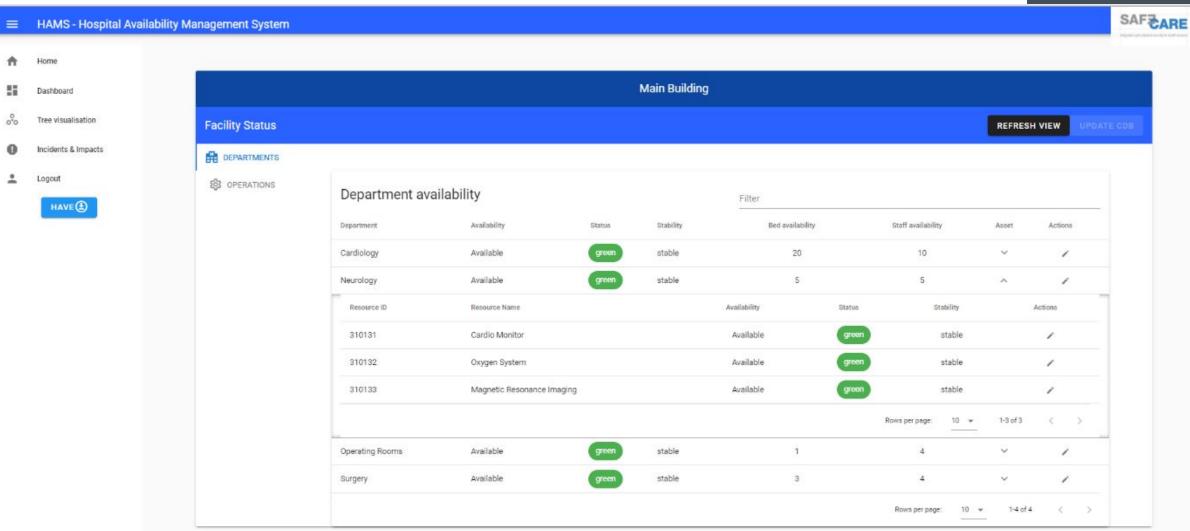


Hospital Availability Management System





Hospital Availability Management System



E-health security risk management model



Thank you!

More details available on:

- Our website: https://www.safecare-project.eu/

- Twitter: @SafecareP

- LinkedIn: SAFECARE Project



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