



7SHIELD

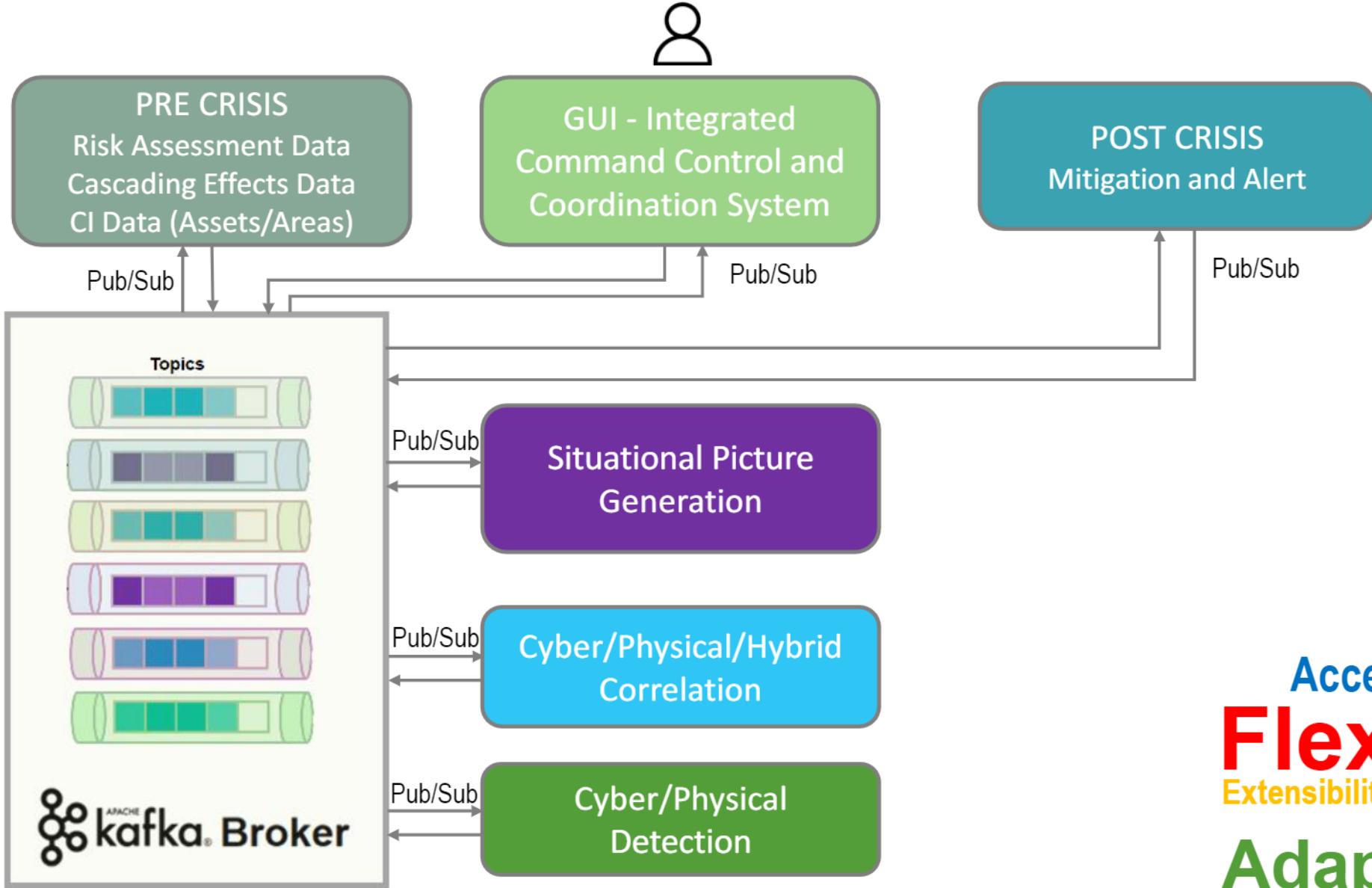
#7 - 7SHIELD platform adaptability and flexibility

*7SHIELD ability to cope with and adapt to unexpected situations
in any Critical Infrastructure*

Carmen Stira, Francesco Durante (ENG), Leonidas Perlepes (STWS)
WP6 leader, ENGAGE Dashboard

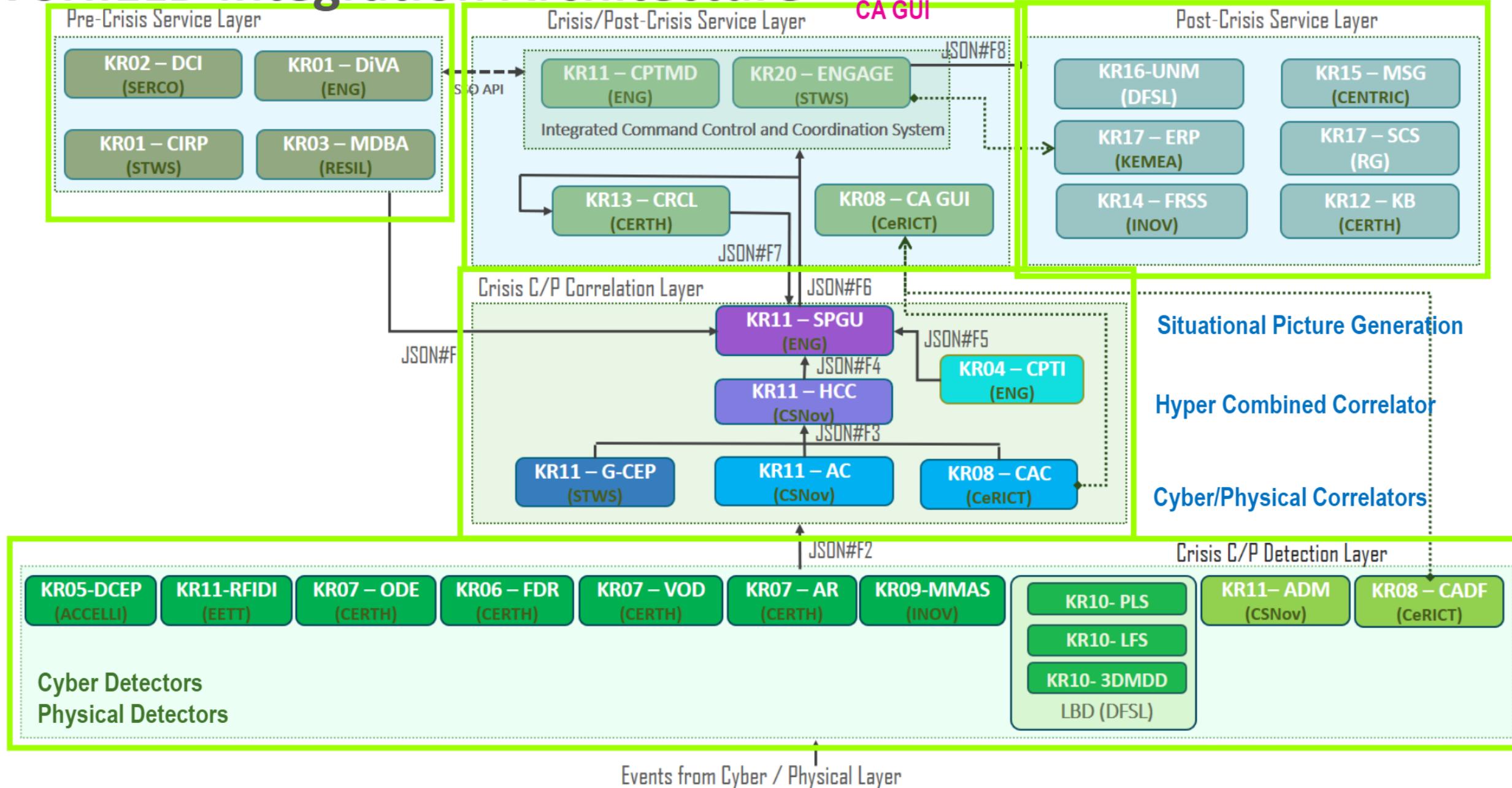


7SHIELD Event Driven Architecture

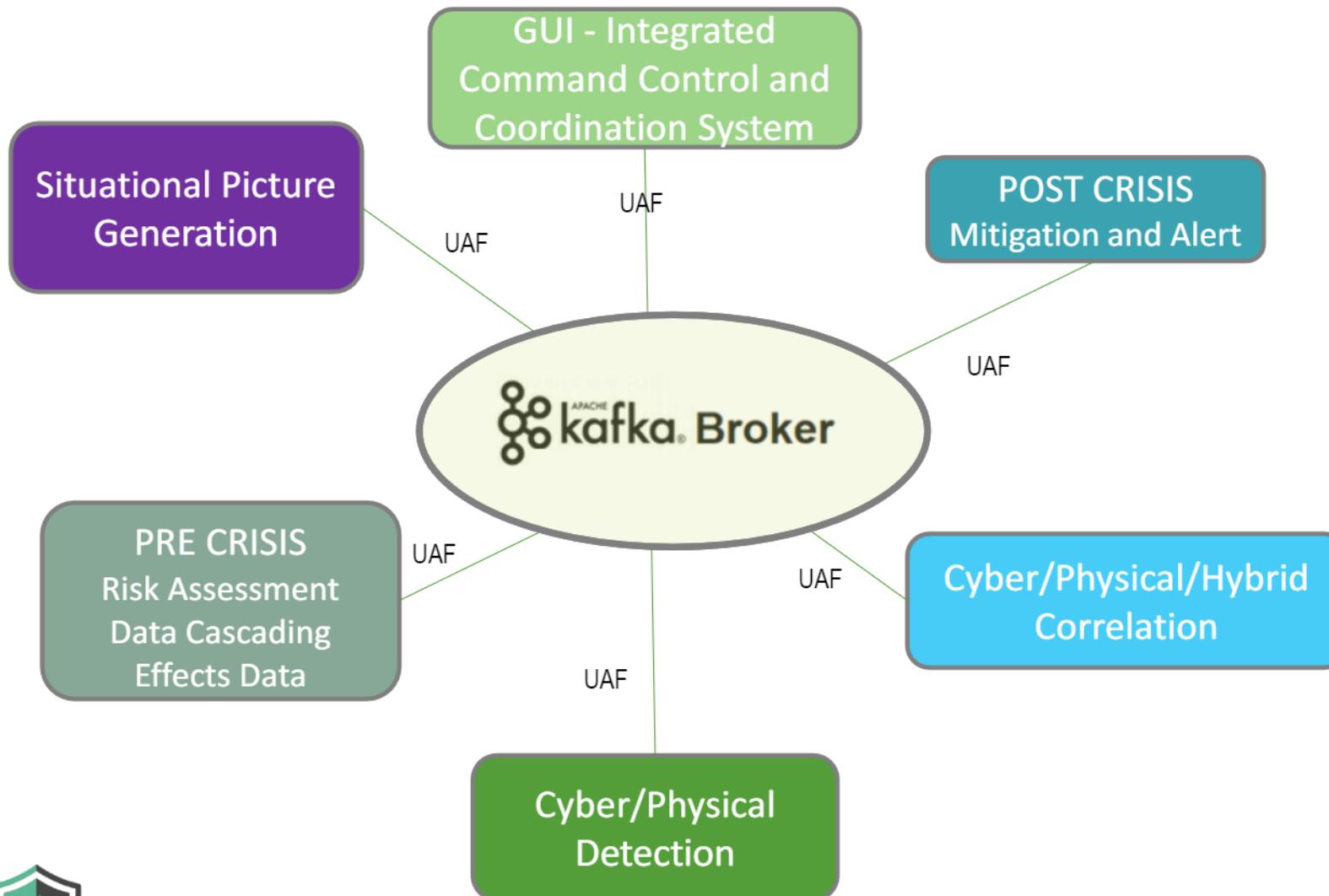


Accessibility
Flexibility
Extensibility Scalability
Adaptability
Separation of responsibilities

7SHIELD Integration Architecture



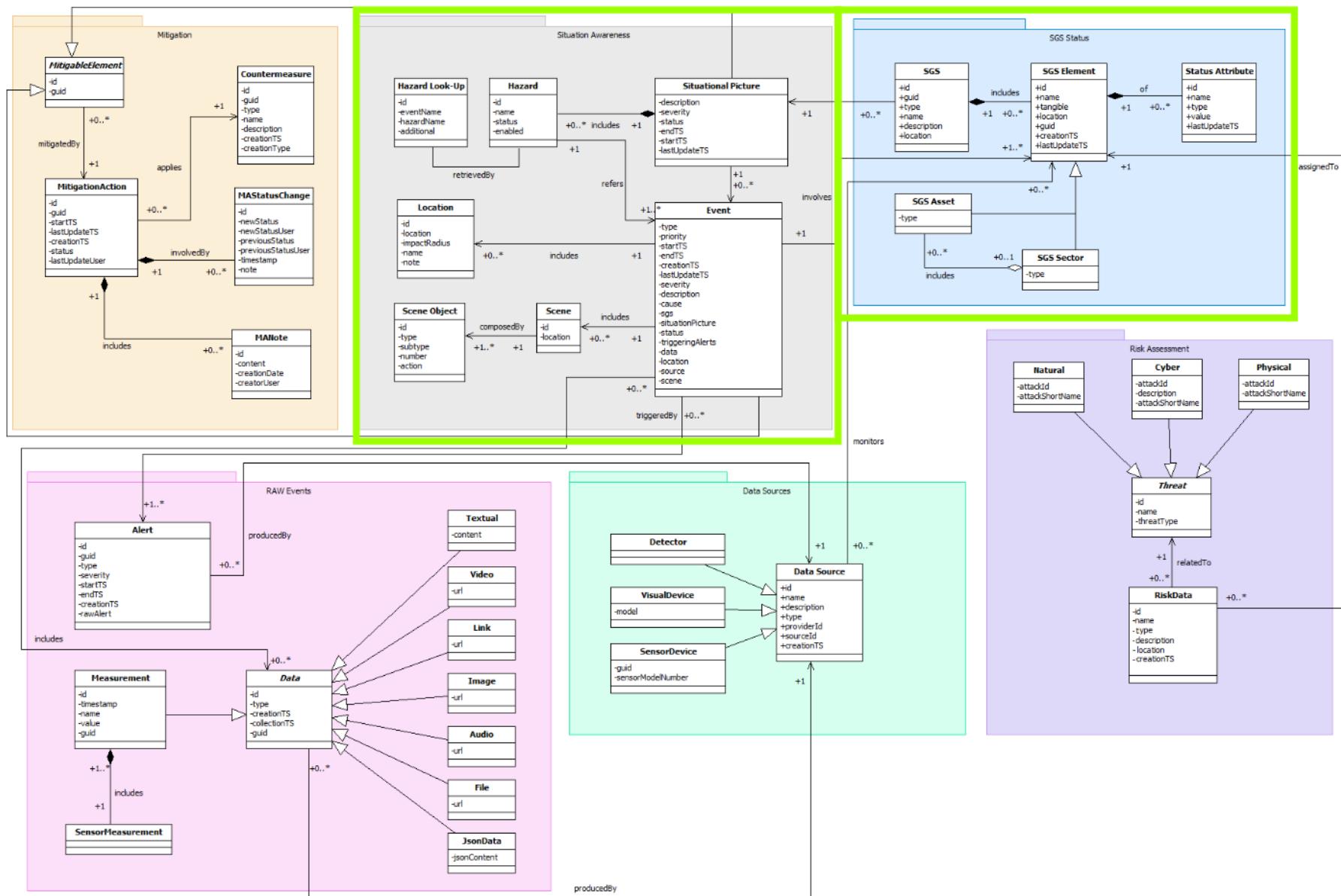
Alert Message: UAF Format



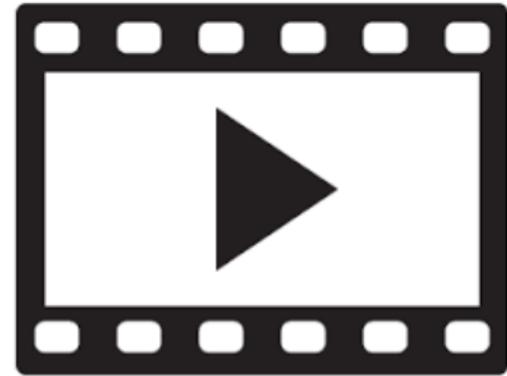
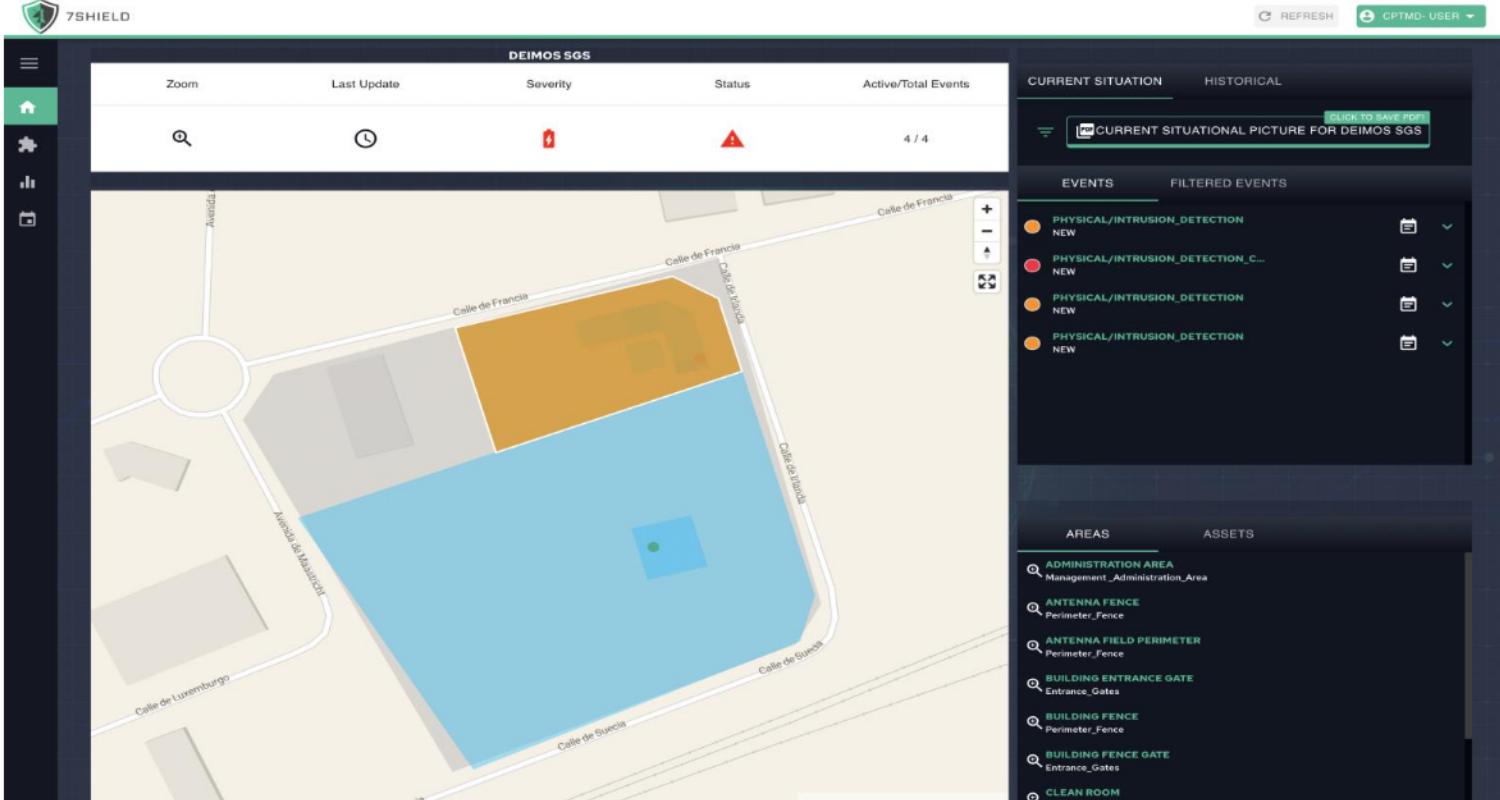
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    "Version": "2.0.3",  
    "Description": "Attempted Denial of Service",  
    "Status": "Event",  
    "Severity": "High",  
    "Cause": "Malicious",  
    "CreateTime": "2022-07-05T17:17:22.582Z",  
    "StartTime": "2022-07-05T17:17:22.582Z",  
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      "IP": "51.83.34.78"  
    }],  
    "Target": [{  
      "Note": "59e42b85-057c-47d9-89ed-9f627401d459",  
      "IP": "195.251.204.194",  
      "Location": "Data_centre",  
      "GeoLocation": "38.04716361510801, 23.863938516277074"  
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    "Analyzer": {  
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      "Type": "Cyber",  
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      "Model": "Correlator",  
      "IP": "195.251.204.196",  
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UAF/IDMEF

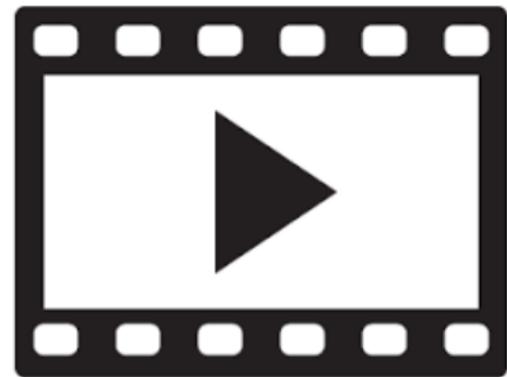
Situation Awareness Data Model



Situation Awareness GUI - CPTMD



The Cyber-physical Threat Monitoring Dashboard – CPTMD is a unified monitoring solution, combining security monitoring, and event management. It can detect and highlight the cyber and physical threats in order to prevent or mitigate risks.





7SHIELD

<https://www.7shield.eu/>

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ENGINEERING

THE DIGITAL TRANSFORMATION COMPANY



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Thank You



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