

## SOPRA STERIA

### NAME

Charles LERMINIAUX

### ROLE

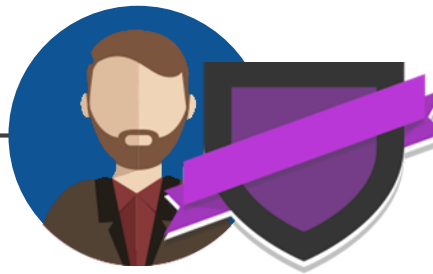
Project manager

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## TARGETED CALL

### TOPIC IDENTIFIER

ICT-08-2019

### TOPIC

Security and resilience for  
collaborative manufacturing  
environments

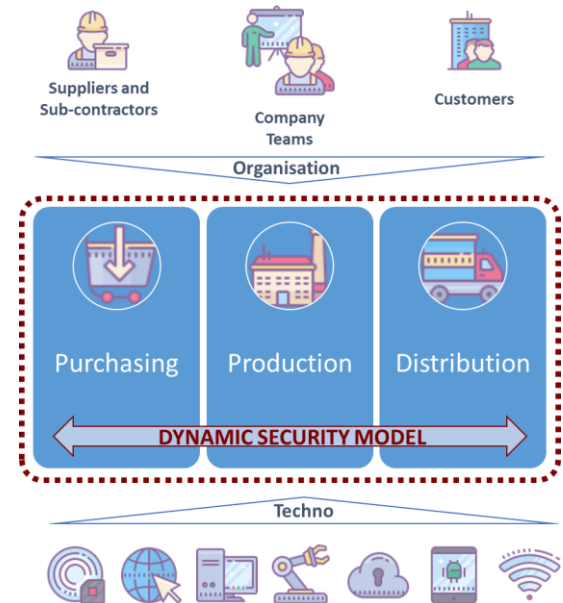
### TYPE OF ACTION

RIA – Research and  
Innovation Action

## DYSEC-i4.0

### Dynamic Security Model for Industry 4.0

- Define and implement and end-to-end **Dynamic Security Model** to cover the full Process Chain considered from a:
    - ✓ **Technological** perspective: IoT, RFID, Wi-Fi, Robots, Cloud, Mobile Digital Devices, SCADA...
    - ✓ **Functional** perspective : All processes involved in the Supply and Production Chain,
    - ✓ **Organizational** perspective: All Stakeholders and Parties involved
  - Fully integrated concept including Dynamic Defense Strategies, Peripheral and Intrusive Strategies, Machine Learning, Homomorphic Encryption Technologies, Advanced Supervision
  - Define a new Market Standard to secure an end-to-end protection
- ◆ We are particularly interested in welcoming new Industrial Partners willing to participate as End-User in the definition and implementation process within their organization.



# Competencies of our consortium

## SENTRYO

Expertise in Industrial Control System  
And production chain monitoring



## ARTTIC

Experts in H2020 call coordination  
Officially recognized by the European commission



## DLR

R&D institute  
Expertise in cryptography, blockchain and IoT



## CEA Tech

R&D institute  
Expertise in remote control and homomorphic encryption



## AIRBUS

End user  
Worldwide aeronautical leader  
Provides real conditions environment



## SOPRA STERIA

Leader of this consortium  
European leader in cybersecurity  
Expertise in Industrial Cyber security



## LAUREA UNIVERSITY

University with strong research strikeforce  
Expertise in social acceptance and co-design



## POTENTIAL PARTNER

1. Industrial End User in different domains (energy, transport, pharmaceutical, aeronautics)
2. Robot techno provider