Resilience Capabilities for the Factory of the Future

CF#1 Webinar, April 28th, 2021

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CyberFactory#1 (CF#1) aims at designing, developing, integrating and demonstrating a set of key enabling capabilities to foster optimization and resilience of the **Factory of the Future (FoF)**.

CF#1 is a catalyst project supplementing and developing current enabling technologies of the **Industry 4.0**, more specifically in the areas of:

1. Factory System of Systems modelling
2. FoF Optimization
3. FoF Resilience

CF#1 is an ITEA3 project with 28 partners from seven countries embracing technical, economic, human and societal dimensions at once.

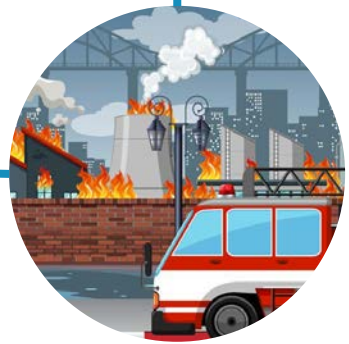
WP5 FoF Resilience
Overview

Manage access rights dynamically for humans and machines

Continuously watch for anomalies on factory assets regardless of their origin

Prevent manipulation of manufacturing and product-embedded AI

Enable decision-aided or autonomous Remediation & Recovery of factory assets



AGENDA

Time	Topic
14:00	**Welcome** Jarno Salonen, VTT **Keynote: Industry challenge to resilience in the factory of the future** Sauli Eloranta, VTT
14:20	**How to create trust with comprehensive identity and access management** Markku Korkiakoski, Netox **Don’t make me think: an intuitive access management approach** Diogo Santos, Sistrade
14:40	**How to protect AI from manipulation attempts** Ching-Yu Kao, Fraunhofer AISEC **Aspects of preventing AI manipulation** Seppo Heikura, Houston Analytics
15:00	Q&A
15.10	**How to enhance resilience by monitoring the FoF** Mario Brauer, Airbus CyberSecurity Germany **Monitoring different aspects of human behaviour on the shop-floor** Jorge Oliveira, ISEP
15:30	**Architectural approach to effectively detect cyberattacks** Murat Lostar, Lostar **How to remediate and recover from a cyberattack** Jari Partanen, Bittium
15.50	Q&A
16:00	**Wrap up** Jarno Salonen, VTT