

## CCT-SSI-20170929 - Space's Industrial Control Systems Security



CNES' Security Technical Competences Center is pleased to invite you to a new event

### Space's Industrial Control Systems and Security

Friday 29 september 2017, 9h00 - 17h00 at [CLS, Ramonville, France](#)



with support from

#### Overview

Space sector has always been reliant on critical control systems for its ground systems, from the launch facilities to control command centers. However, once totally isolated and based on tailored solutions, control systems are evolving towards information technologies and components over the shelf (COTS) models. As a consequence, threat models and vulnerabilities are evolving too. Manufacturers and providers have to embed cyber security in the products development lifecycle, operators have to integrate security in the building and operation process. Thanks to regulation efforts, standardization initiatives and years of cyber security experience, new solutions have emerged to secure control systems and their surroundings. Cost and time driven development projects are also key into the adoption of new solutions.

**Registration is now closed.**

#### Program

This one day event will be the occasion to investigate the advances made in control system security and solutions, with the following themes:

- Regulations and standards evolutions,
- Threat models,
- Vulnerabilities,
- Systems review and lessons learned (CNES Ariane 6 in Kourou,...),
- Tailored security solutions (Intrusion Detection Systems, Secured Gateways),

The following presentations have been confirmed :

8:30	<b>Welcome and registration</b>	
9:00	<b>Day Introduction</b>	
9:15	<b>Agence Nationale de la Sécurité des Systèmes d'Information</b>	Stéphane Meynet
9:50	<b>Bridging the gap between ICS(IoT?) and corporate IT security</b>	Stefan Lüders
10:25	<b>From Stuxnet to product qualification: Siemens and the safety of its products and solutions</b>	Jean-Christophe Mathieu
10:55	Coffee Break	
11:15	<b>Product security in complex system engineering</b>	Sylvain Barreau
11:50	<b>Ariane 6 critical control systems and cybersecurity: the perspective of the project manager</b>	Christian Canart
12:25	Lunch	
13:30	<b>NASA's status with regard to ICS security and TIM status</b>	Robert Powell & David Amidei
14:05	<b>Different strategies for actively reducing the network attack surface</b>	Robert Wakim
14:40	<b>Enabling secure communication with isolated systems</b>	Benoît Badrignans
15:15	Coffee Break	
15:35	<b>How to build a Cyber Control Room?</b>	Laurent Hausermann
16:10	<b>ICSS penetration test feedback</b>	Speaker TBA
16:45	Conclusion	

#### How to participate ?

The CCT will take place at CLS (Collecte Localisation Satellites) in Ramonville, France (close to Toulouse and CNES' Toulouse Space Center) and will be streamed. In both case, registration is mandatory to attend. **Registration is now closed.**

#### Meeting location

The address to the location is the following:

CLS  
11, rue Hermès,  
Parc Technologique du Canal  
31520 Ramonville Saint-Agne  
France

**Tel:** +33 (0)5 61 39 47 00

**Website:**

**Access restriction:** Acces to the event's location (CLS) is subjected to pre-authorisation for attendant residing outside of Schengen Area. The required authorisation has to be requested one week before the event. To apply, attendants must send a copy of their passport to the event organizer minimum one week prior the event.

An ID proof (driving license not accepted) will be required to access the building.

#### Remote participation

Remote participation is possible through CNES' webconference system. Registration is mandatory.

Access details to the meeting will be communicated to registred users.

It is recommended to all remote participants to use a headset with microphone ot avoid sound issues.

#### Contact

Event contact : Sébastien Palasse - CNES :

CCT Manager : Julien Airaud - CNES :

#### CCT Manager:

<b>Date:</b>	Friday, 29 September, 2017 - 08:30 - 17:00
<b>Place:</b>	CLS
<b>Status:</b>	Confirmed
<b>Registration:</b>	Closed
<b>Public file to download:</b>	
<b>Type of event:</b>	Workshop
<b>Program:</b>	

**Groups:**