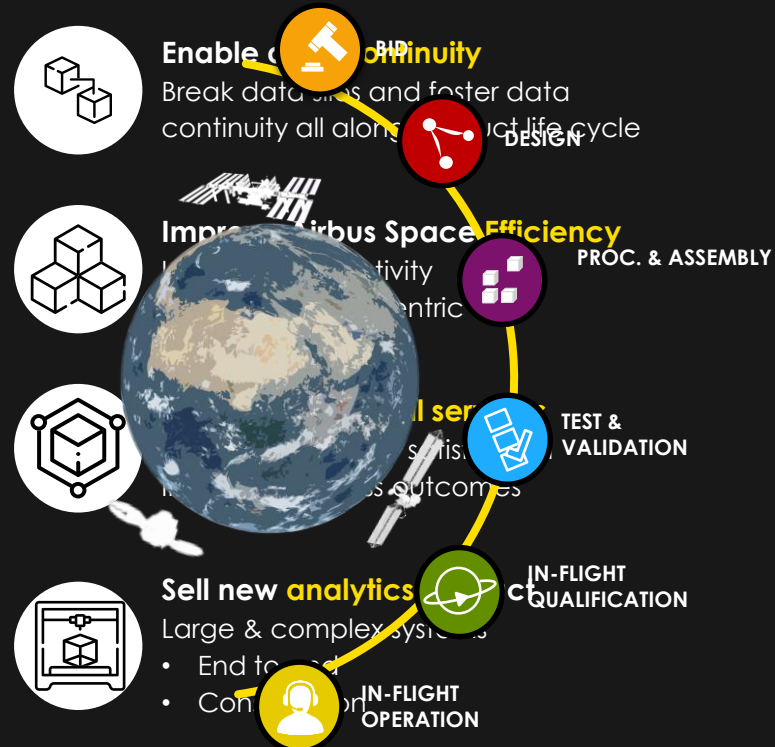




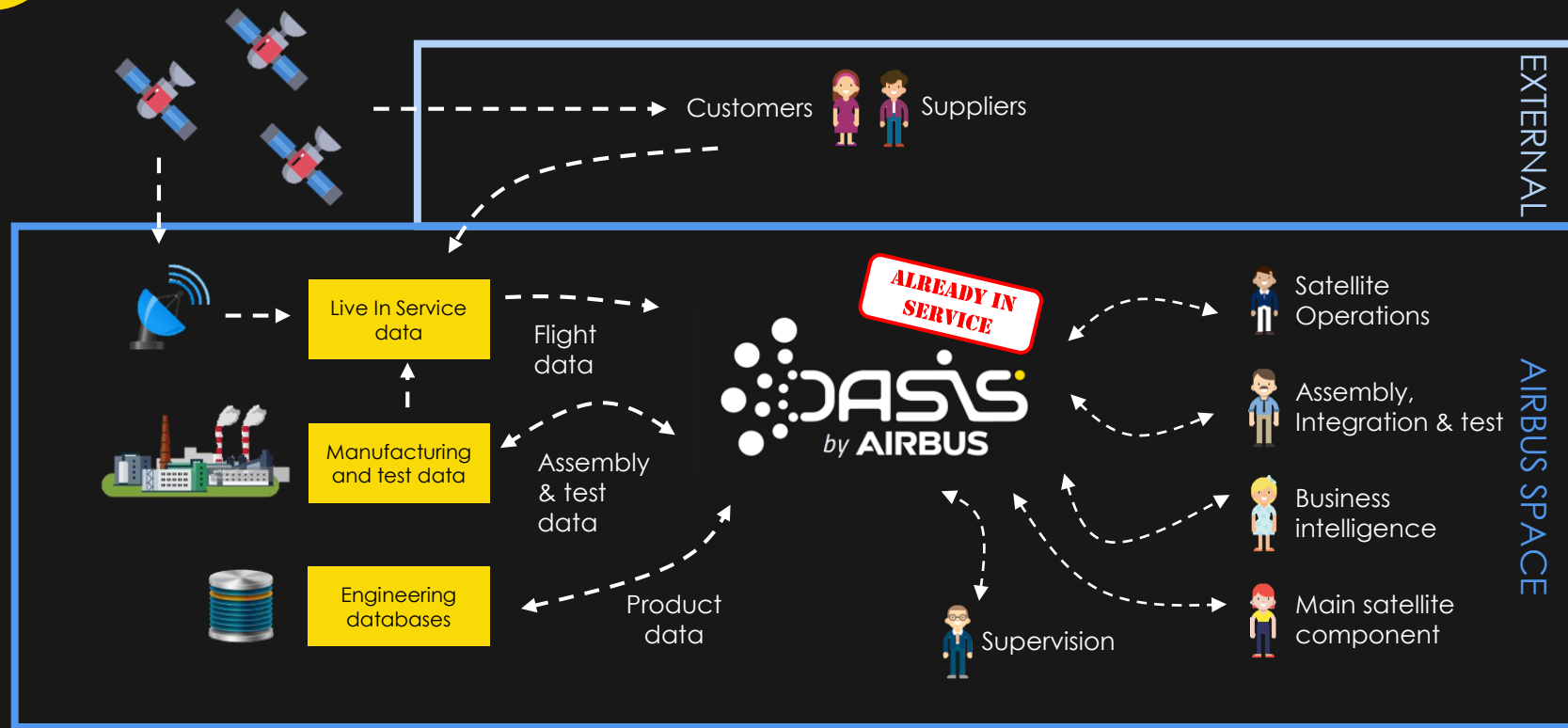
Why OASIS?



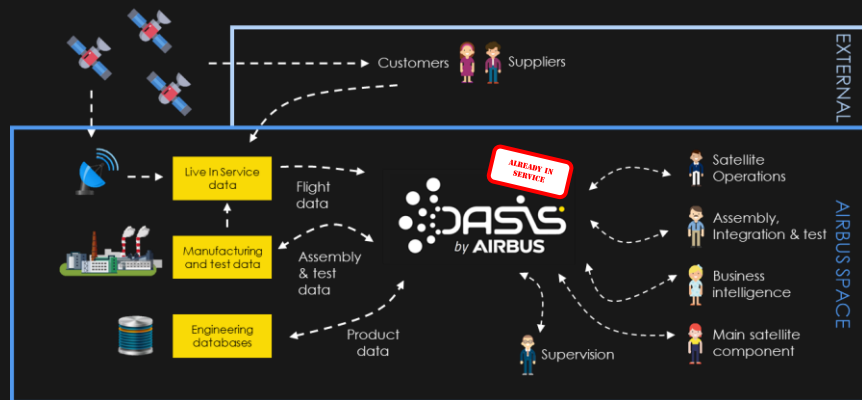
OASIS aims to enable
Airbus DS digital
transformation



What is OASIS?



What is OASIS?



Ingestion

Capacity to connect to business data sources.

- Real time processing
- API
- Multi batch



Analytics

Capacity to store, segregate, monitor and cross all data sources.

Alerting capacity.



Exploitation & uses

Capacity to exploit data to answer to operational uses through dash boarding, data visualization, plotting, interface with other systems.

TIBCO Spotfire



Users profiles

Capacity to finely manage user access to maximize user experience and ensure security.





Log In

Username

Password

Log In

An issue with your account? Please contact:
OASIS_Exploit@cdmail.corp



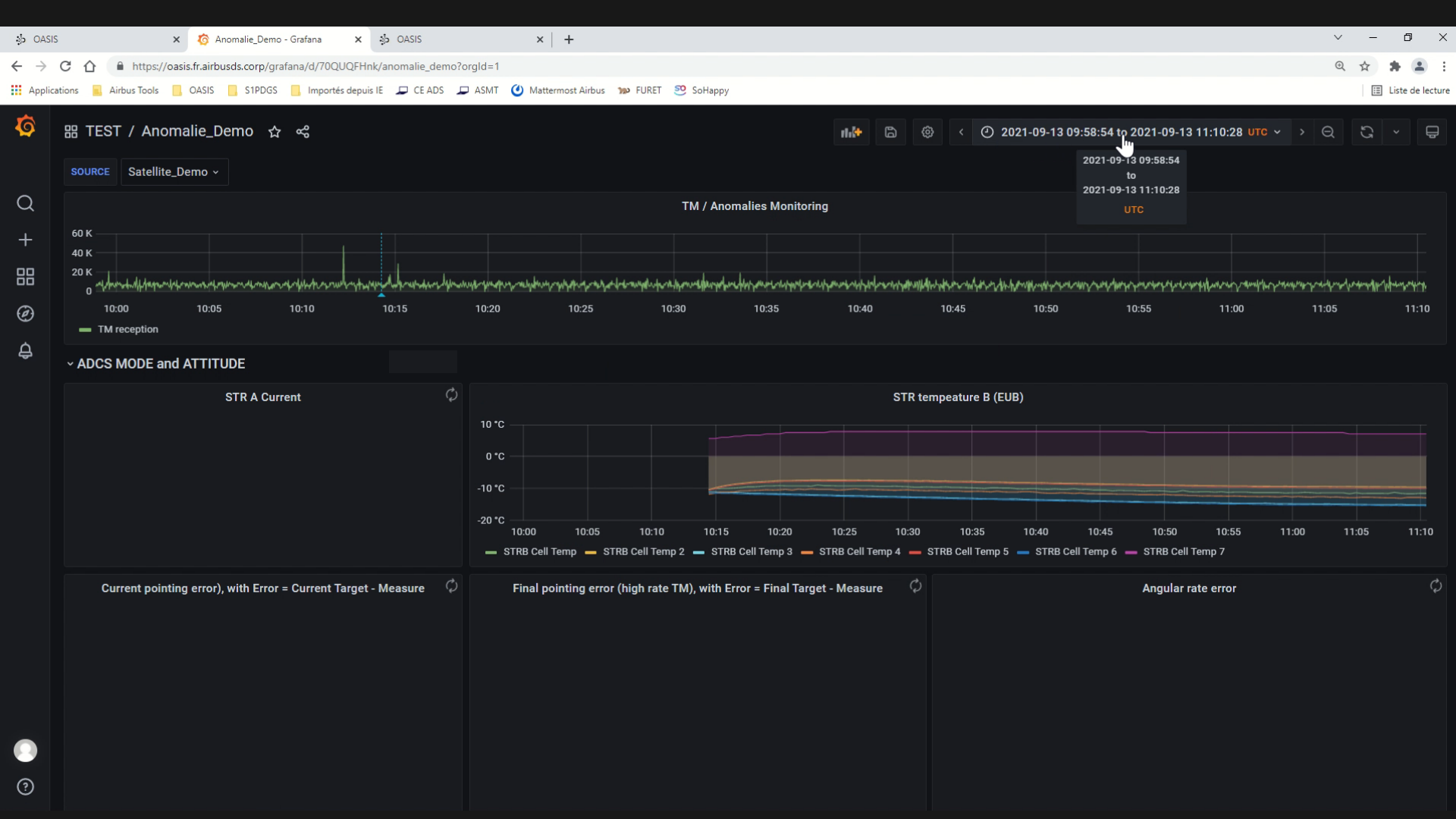
Log In

Username

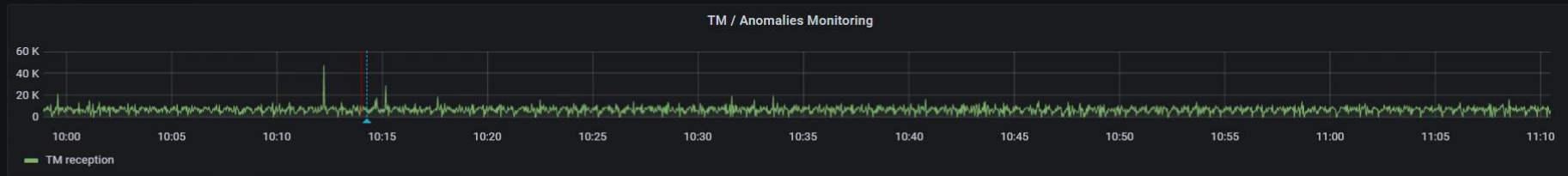
Password

Log In

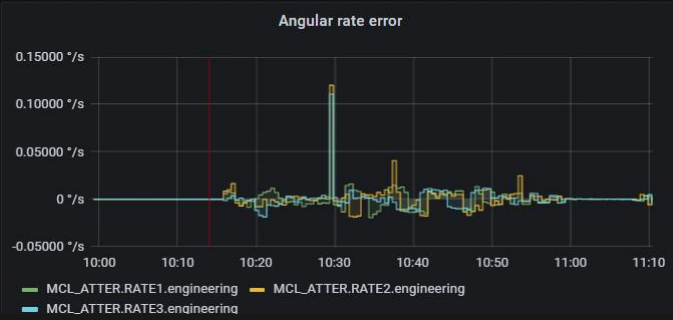
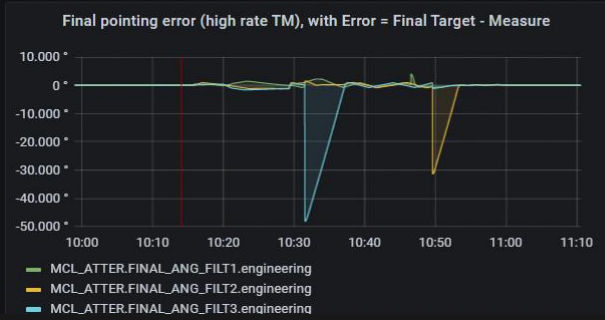
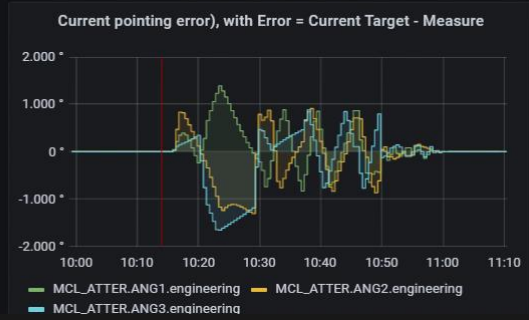
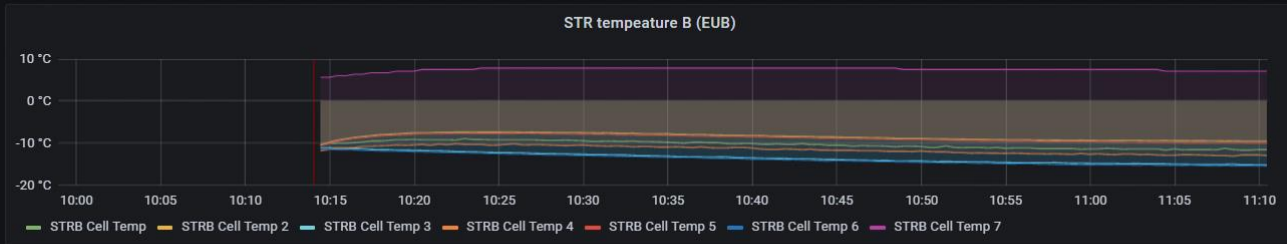
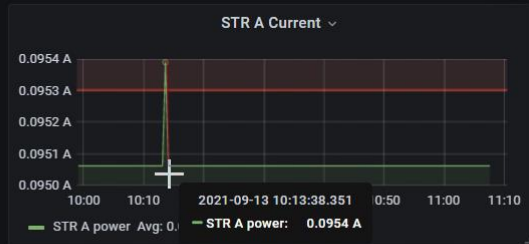
An issue with your account? Please contact:
OASIS_Exploit@cdmail.corp

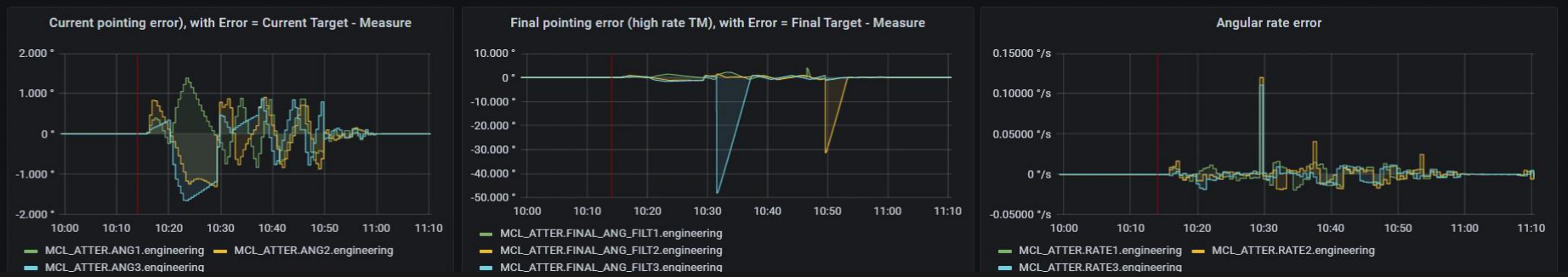
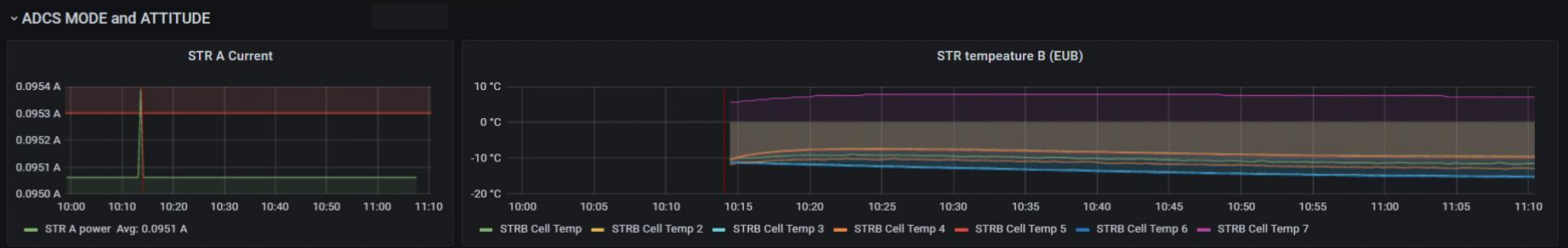
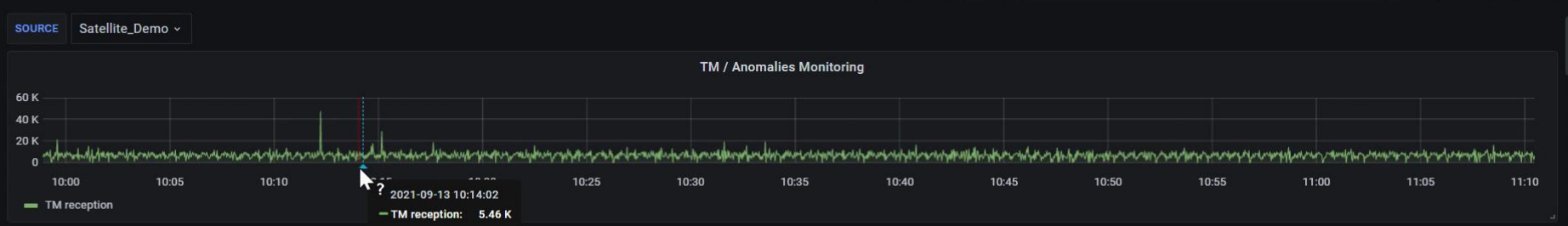


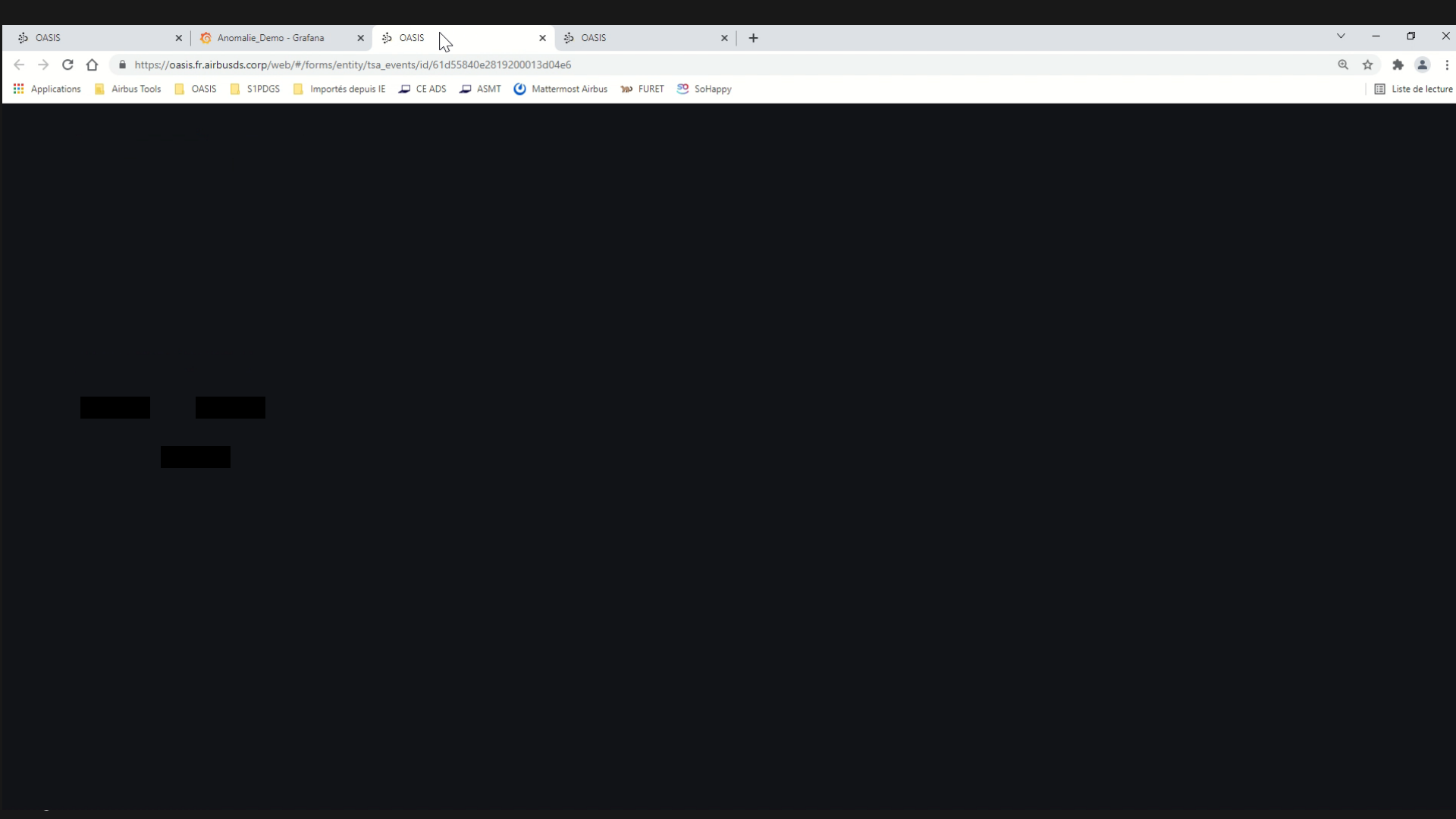
SOURCE Satellite_Demo ▾



▼ ADCS MODE and ATTITUDE







Creation - 05/01/2025

Last modification - 05/01/2022 - 08:37 by data-datascience_prd

Attachments

User: data-datascience_prd

Source: Analytics Studio

☐ Published To TS Database

13_b(1)

Ignorer Supprimer Répondre Répondre à tous Transférer Plus

Supprimer

jeu. 16/06/2022 15:04

Morel, Fanny

FW: NEO_SYSmMonitoring triggered during execution from 2021-09-13 09:58:00 to 2021-09-13 10:03:00

A Morel, Fanny

STPDGS Au responsable Terminé Créer

Message d'équi... Répondre et su...

Actions rapides

Déplacer OneNote Actions

Marquer comme non lu Classer Assurer un suivi

Indicateurs

Traduire Sélectionner

Modification

Zoom TITUS

CLASSIFICATION No Sens Priv.

TITUS - DATA TAGGING TOOL

jeu. 16/06/2022 15:04

Morel, Fanny

FW: NEO_SYSmMonitoring triggered during execution from 2021-09-13 09:58:00 to 2021-09-13 10:03:00

A Morel, Fanny

Airbus Amber

From: oasis@airbus.com [mailto:oasis@airbus.com]
Sent: Monday, Spetember 13, 2021 10:39 AM
To: Huard, Emmanuel <emmanuel.huard@airbus.com>
Subject: NEO_SYSmMonitoring triggered during execution from 2021-09-13 09:58 to 2021-09-13 10:03

Dear All,
Please find hereafter a notification following a monitoring event.
Limited Distribution list, thanks to forward within your team only on a need to know basis

Satellite identifier :

SubSystem :

Equipment :

Telemetry :

Comment :

13_b (1)

Start :

13/9/2021 09:58

End :

13/9/2021 10:03

Alert :

Data classification :

Event link :

https://oasis.fr.airbusds.corp/web/#/forms/entity/tsa_events/id/61d55840e2819200013d04e6

Best regards,
huard_e

OASIS

Anomalie_Demo - Grafana

OASIS

OASIS

←

→

↺

🏠

🔒

https://oasis.fr.airbusds.corp/web/#/forms/entity/tsa_events/id/61d55840e2819200013d04e6

🔍

☆

⚙️

👤

⋮

📁 Applications

📁 Airbus Tools

📁 OASIS

📁 S1PDGS

📁 Importés depuis IE

📁 CE ADS

📁 ASMT

🔄 Mattermost Airbus

🔊 FURET

📺 SoHappy

📖 Liste de lecture

🌐

morel_f

👤

🔔

☰

🏠

>

Forms

TsaEvent

🛡️

Creation - 05/01/2022 - 08:35 by data-datascience_prd

Last modification - 05/01/2022 - 08:37 by data-datascience_prd

📄 Convert to PDF

⌵

✎ Edit

Overview

Attachments

Proc Name

Alert Date

Satellite

Title

Source

Description

Le

Subsystem

Equipment

Telemetry

⏪

<

1

>

⏩

No data round.

Url Tags

⌵

Key

Value

⏪

<

1

>

⏩

No data found.

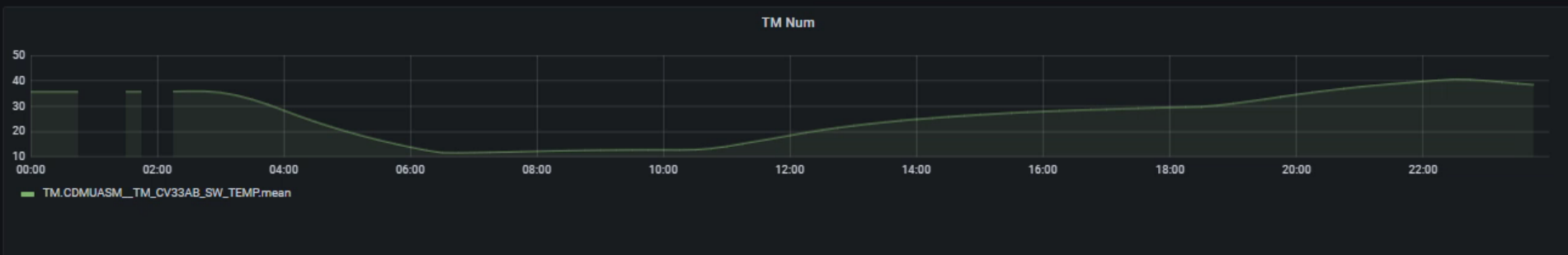
Use Case 2: AIT operations



Use Case 2: AIT operations – TM monitoring

SATELLITE SAT_1 ▾ SESSION All ▾ TM Num TM.CDMUASM_TM_CV33AB_SW_TEMP ▾ TM ENUM USR.CCS_ENEO_EPS_SPECIFIC_CONFIGURATOR_EPS_MODE ▾ TC All ▾
 Events TM.CSW_TCVR_P_TCACK_ACC_SUCCESS + TM.CSW_TCVR_P_TCAC... ▾ LogBook All ▾ Show TC (red) ☐ Show Events (blue) ☐

TM



TC

TC history

Files and data...


Recommended

- Connect to
- Browse local file...


LIBRARY

Browse the library


Recent analyses



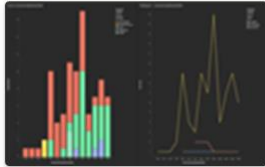
Trend_GHC_dummies data
29/04/2022 14:01



SMF Order Intake Dashbo...
05/07/2021 17:01




Satellites Exploration
24/02/2021 13:37



satellites_FM
17/05/2022 14:38

Recent data





Connection_training
09/06/2022 13:25

Data connection
/Training/Connection_training

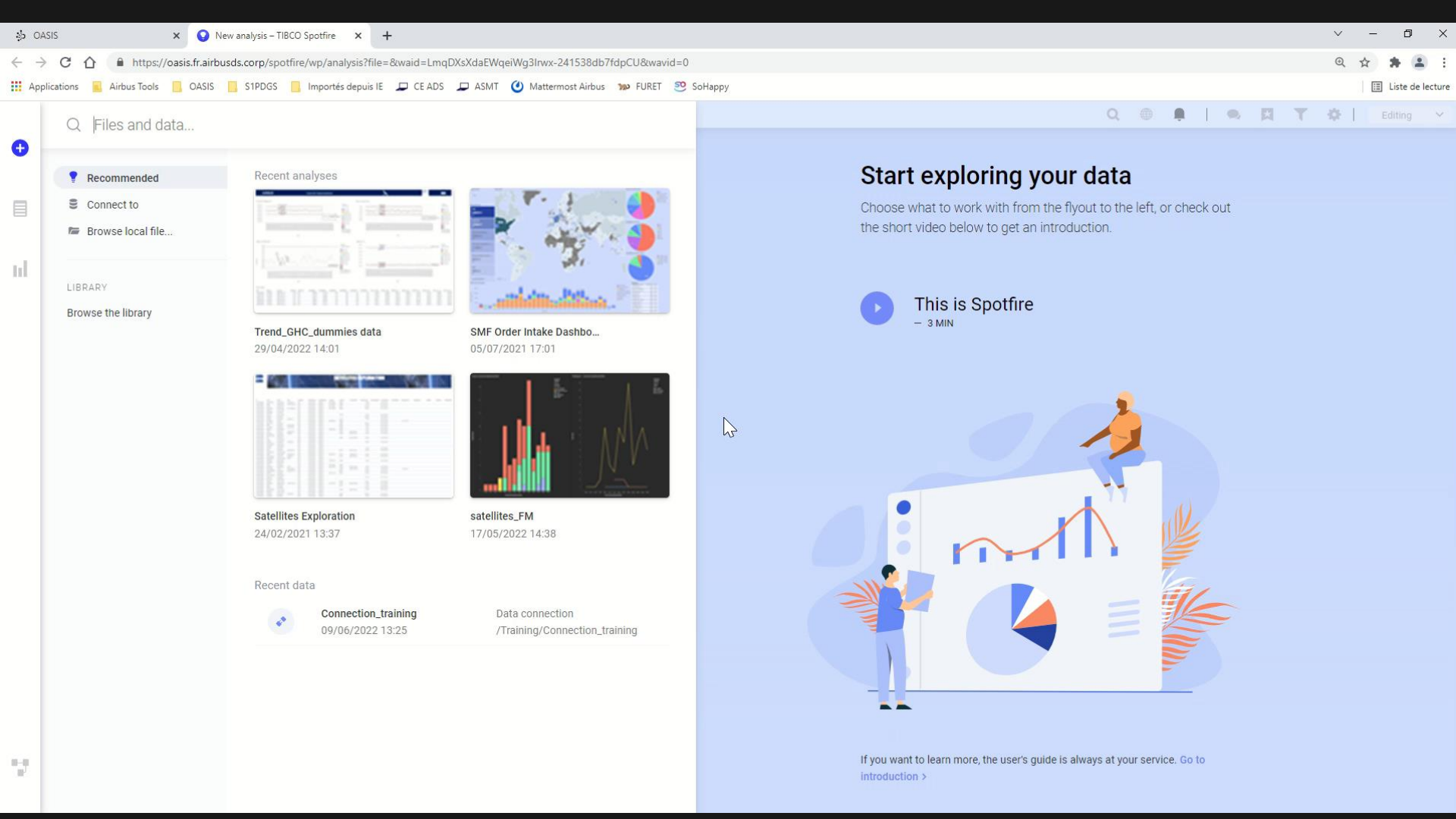
Start exploring your data

Choose what to work with from the flyout to the left, or check out the short video below to get an introduction.

 **This is Spotfire**
— 3 MIN



If you want to learn more, the user's guide is always at your service. [Go to introduction >](#)



OASIS next challenges...

... towards decision making enablers

In-flight or in-test satellite operator assistance for daily tasks using machine learning based anomaly detection

Under development

Automatic reconfiguration proposal in case of failure

Under development

Failure origin determination assistance for complex and multimodal systems

Future development

Reconfiguration proposal for complex and multimodal systems

Future development

OASIS next challenges...

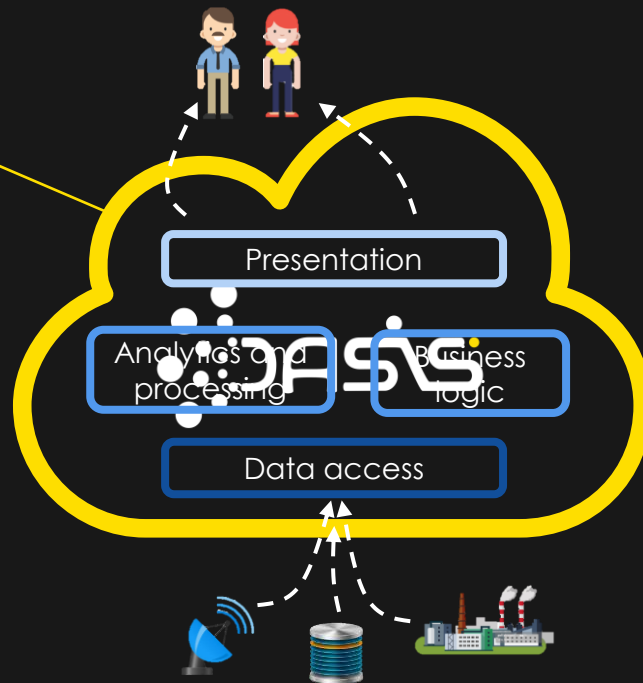
... based on two platform strengths: flexible cloud environment...



OASIS next challenges...

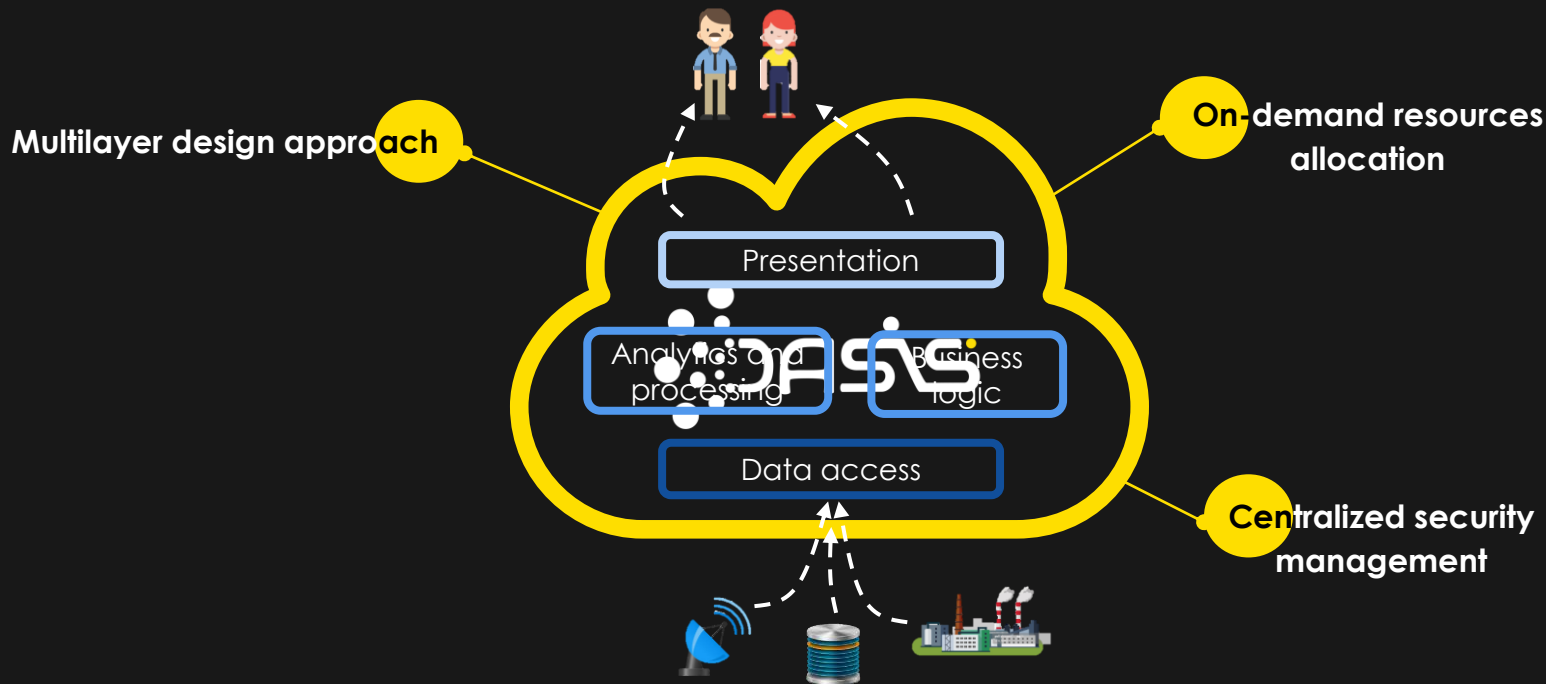
... based on two platform strengths: flexible cloud environment...

Multilayer design approach



OASIS next challenges...

... based on two platform strengths: flexible cloud environment...



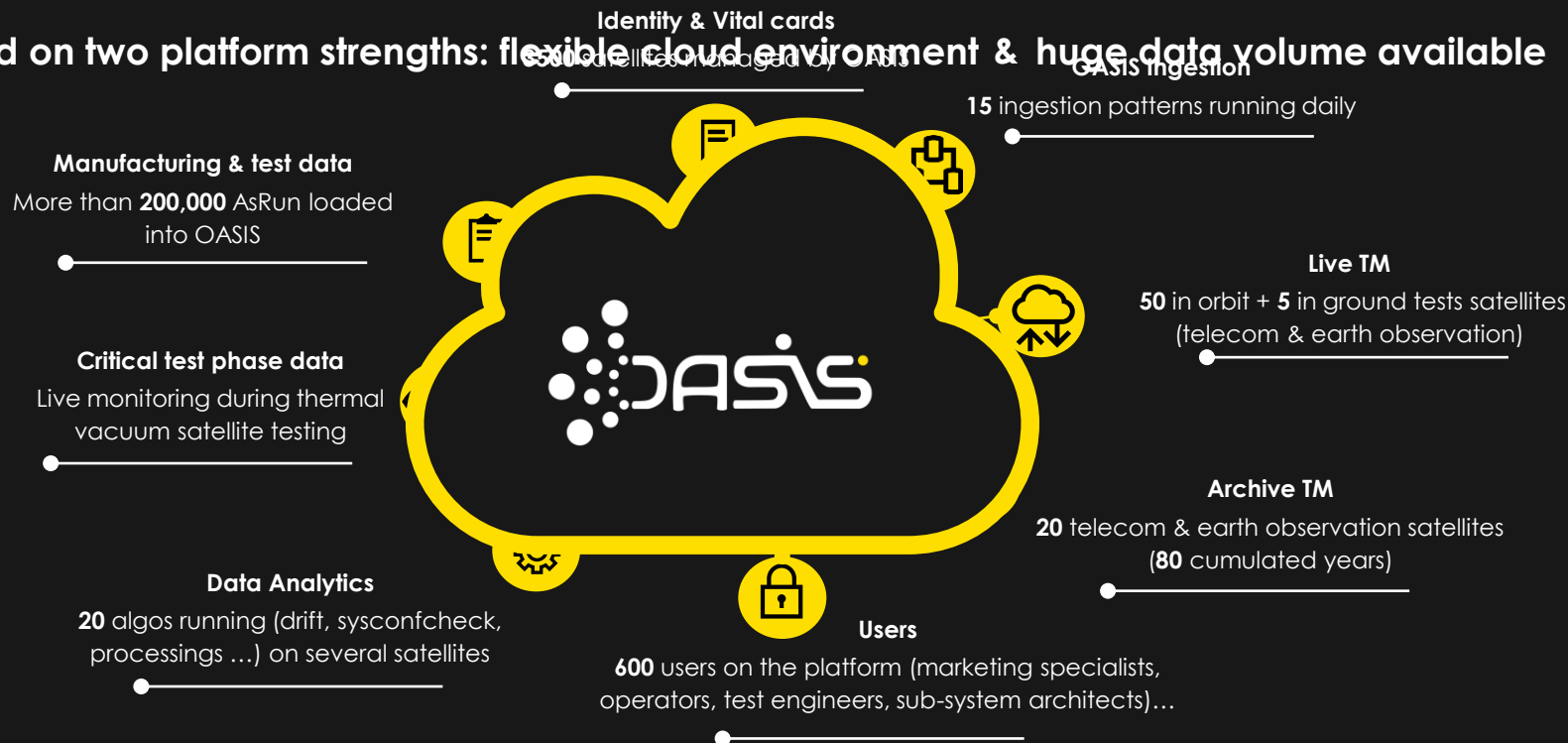


OASIS next challenges...

... based on two platform strengths: flexible cloud environment & huge data volume available

OASIS next challenges...

... based on two platform strengths: **flexible cloud environment** & **huge data volume available**





Thank you

© Copyright Airbus Defence and Space 2023 / Airbus Defence and Space Corporate Presentation

This document and all information contained herein is the sole property of Airbus. No intellectual property rights are granted by the delivery of this document or the disclosure of its content. This document shall not be reproduced or disclosed to a third party without the expressed written consent of Airbus. This document and its content shall not be used for any purpose other than that for which it is supplied.

Airbus, its logo and product names are registered trademarks.



CONTACT US :



hello.oasis@airbus.com



L033, 31 rue des Cosmonautes
31400 TOULOUSE