

Second Integration Test Camp

16th – 17th July





Summary

- Integration Test Camp
- 2nd Edition
 - How was it carried out?
 - SQS Test Lab
 - Attendance
 - What were participants able to do?
 - Difficulties encountered
- Next Editions



Integration Test Camp

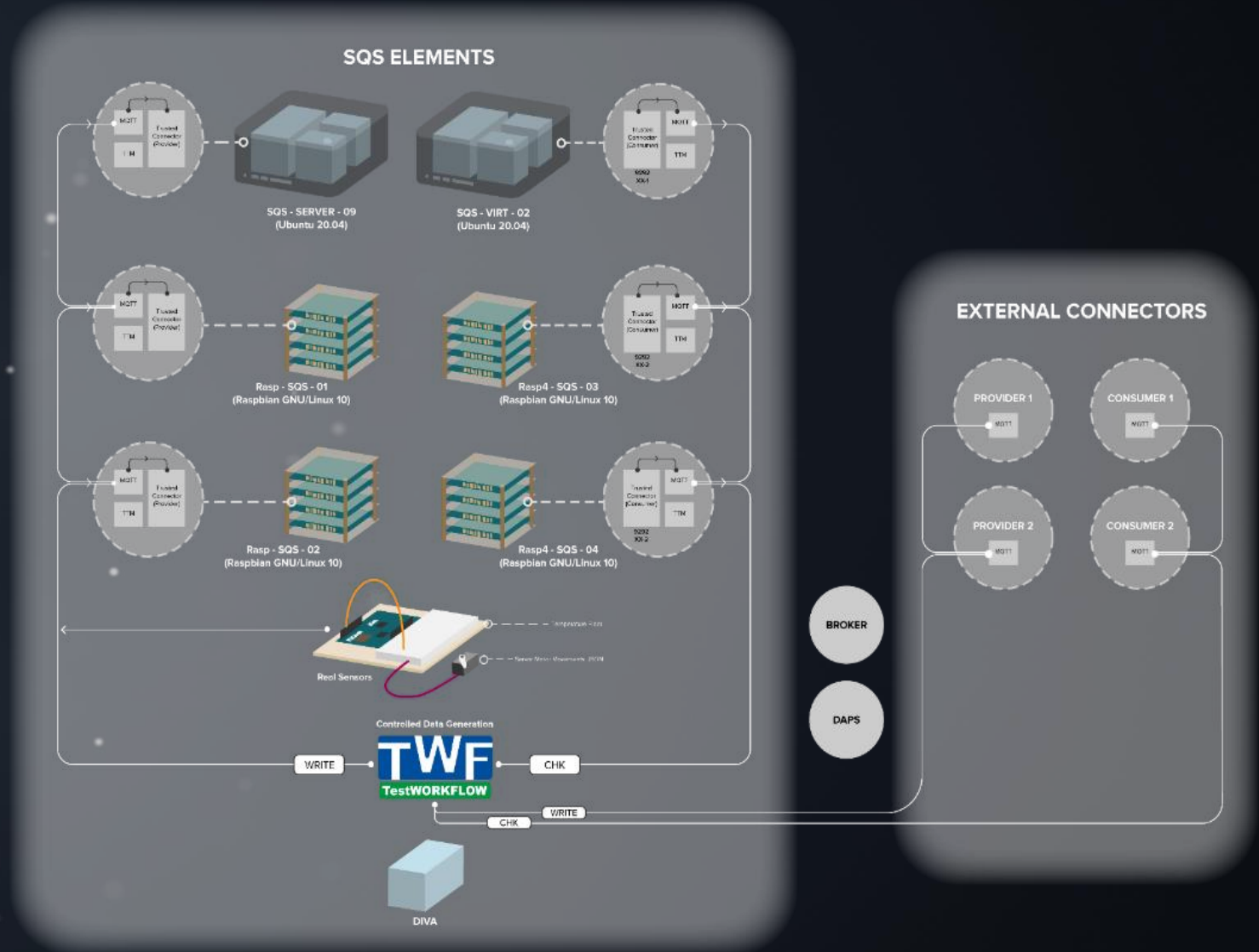
- Scope: Test the interoperability of pre-commercial components within a real IDS reference architecture
- Thematic & Focused Test Camps
 - 1st Connectors with DAPS & Broker as a service
 - 2nd Connectors & DAPS with Broker as a service
 - 3rd Connectors & DAPS & Broker
 - 4th TBD
- Open and Continuous offer: Ones a month
- Value Added: Generate, publish and share reference interoperability test cases



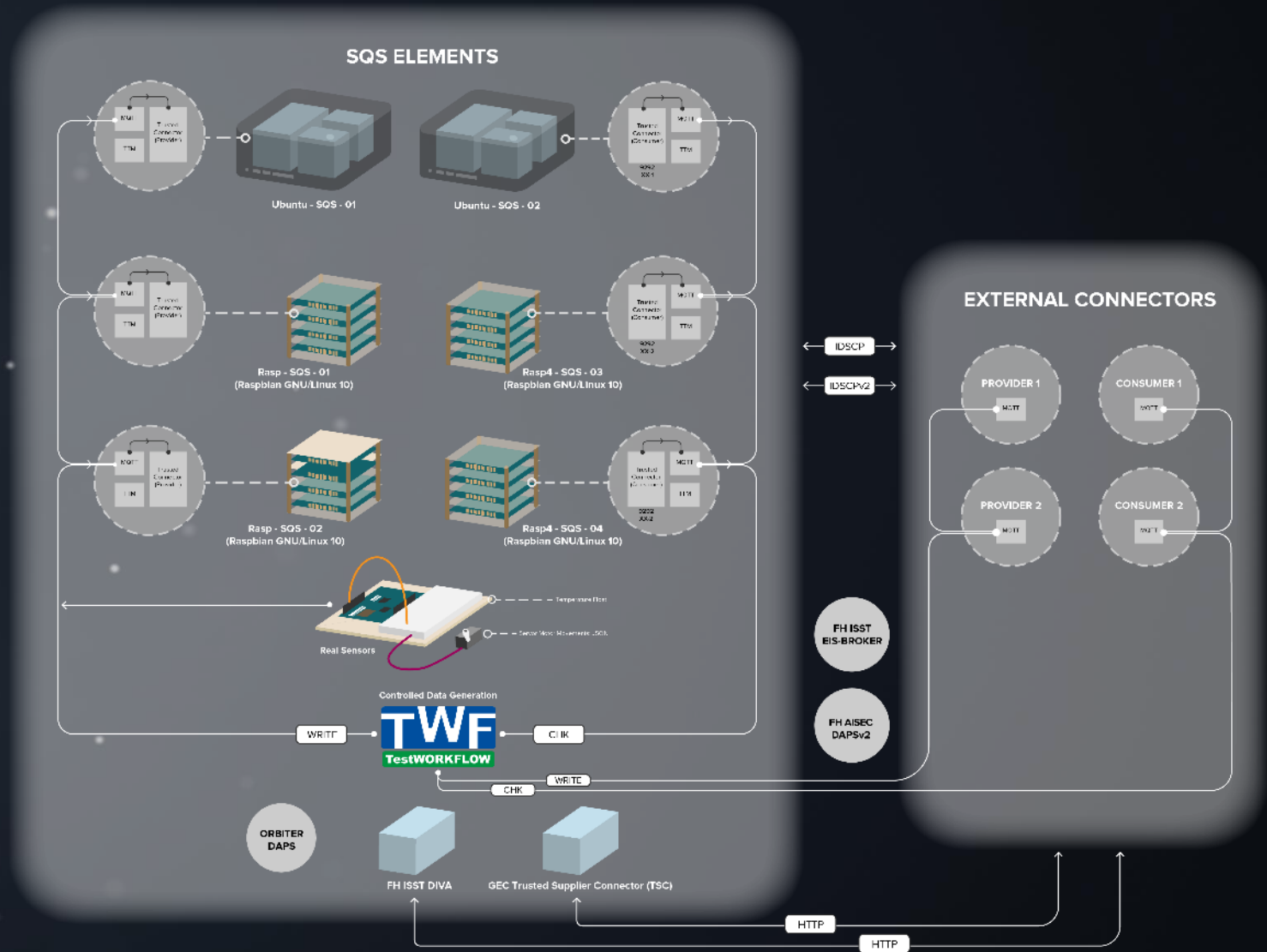
2nd Integration Test Camp - How was it carried out?

- Performed as a virtual event
- Each participant was assigned a slot of two hours
 - SQS lab entirely dedicated
 - Continuous support from SQS lab team
 - Teams meeting where the screens were shared
 - Test Steps document shared

Integration Test Camp - SQS Test Lab 1st Edition



Integration Test Camp - SQS Test Lab 2nd edition



2nd ITC - Attendance

Thursday	Friday
15.00 – 17.00	11.00 – 13.00
ENGINEERING	FIWARE
	14.00 – 16.00
	ENGINEERING (2)



2nd ITC - What were the participants able to do?

- Test the interoperability of their pre-commercial components in a production like scenario.
 - Interact with real IDSA infrastructure components
 - Verify how the components will act in the real world
- SQS lab team proposed some Test Cases
 - Handshake
 - Certificates management
 - Connection failure scenario
 - Connection to more than one connector



2nd ITC - Difficulties encountered

- Token validation
 - The DAPS from Orbiter was sending a public key and the connectors were expecting a jwks
 - Orbiter worked to change it during the Test Camp and were able to send a jwks finally



2nd ITC - Difficulties encountered

- . DAT model version
 - DAPS from Orbiter and the connectors were using a different DAT version
 - Orbiter will try to change its version
 - SQS will ask in the application form the DAT model version, to make groups with participants using the same version

2nd ITC - Difficulties encountered

- Information Model version
 - The connector from Engineering and the one from GEC weren't able to communicate because they didn't use the same Info Model version
 - Engineering will try to change it for the next test camp
 - SQS will ask for the info model in the application form and make groups with the same version



2nd ITC – Success Cases

- Fiware and GEC connectors were able to connect (using the DAPS from FH)
- The connector from Engineering was able to get the token from the DAPS from Orbiter.



Next editions

- Improve the lab environment
 - Include a Broker in SQS environment
 - Develop more features to the existing components
- Ask for information model and DAT version in the application form and make groups with more sense





THANK YOU

<https://www.sqs.es/eventos/?lang=en>
<https://www.sqs.es/q-idsa/>