



Platform for Online Interoperability and Performance Test

F-Interop aims to extend FIRE+ testbeds with online interoperability and performance test tools to support emerging technologies from research to standardization and market launch, helping to accelerate innovation.

F-Interop is a **three years European Horizon 2020 research and innovation project**. It is researching and developing online **interoperability** and **performance** test tools supporting emerging **IoT-related technologies** from **standardization** to **market**.

F-Interop ambitions are the following:

- **Supporting** researchers communities, SMEs involved in developing new products, and standardization processes, through a close collaboration with standards development organizations, including ETSI, oneM2M, IETF and W3C;
- **Integrating** and **extending** several European testbeds federating them with a shared “Testbed as a Service” platform interconnecting over **32 testbeds** (Fed4FIRE,

OneLab, IoT Lab) and **4755 nodes**;

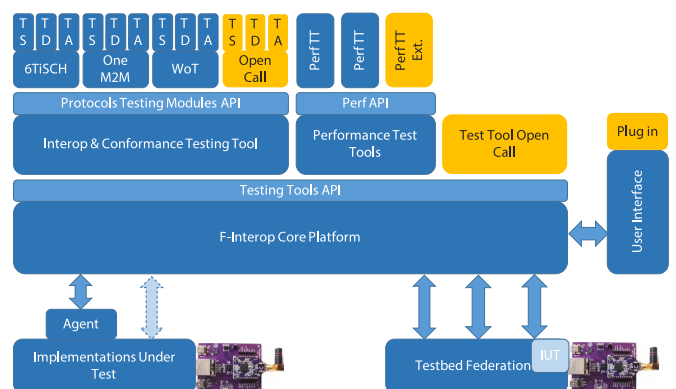
- **Researching** and **developing** online testing tools for the Internet of Things, including interoperability and conformance tests, scalability tests, Quality of Service (QoS) and Quality of Experience (QoE) tests, and Energy efficiency tests;
- **Developing online certification and labelling mechanisms** in order to enable an easier participation of researchers and industry in the standardization process.

Through an **Open call** process F-Interop aims to facilitate SMEs and developers communities to use and enrich the developed testing platform with additional modules and extensions.

Open Call

The F-Interop project invites projects extending the F-Interop platform through the process of an open call. The F-Interop Open Call will support R&D for 4 categories of projects:

- 1 New testing tools**
Grants of **€100K** each are allocated to support up to **three** 3rd party projects for developing and integrate new testing tools. Funding will cover SW development and HW-SW integration.
- 2 New test design**
Grants of **€60K** each are allocated to support up to **three** 3rd party to develop new interoperability tests designs and specifications for supported protocols, including ETSI, IETF, ITU, IEEE and W3C standardization communities.
- 3 Plugtest Events**
Grants of **€10K** are allocated to award third parties to conduct **three** remote, online plugtest events, to directly involve interop communities and collect direct usability feedback. Funding will cover the planning, promotion and delivery of each event, as well as preparation of a summary report.
- 4 SME F-Interop assessment reports**
Grants of **€10K** each are allocated to support up to **ten** SMEs to test F-Interop platform and provide a written report on potential improvements, with particular attention to UX evaluation.



Final call text published on **f-interop.eu** on: **31st July 2016**

Deadline for submission: **25th January 2017, 17:00 (CET)**

Notification of selected applicants: **26th April 2017**

Projects start: **30th August 2017**

Call identifier: **F-Interop01 call**

Proposal should be submitted in **English**

For more information about the open call, please email: **maria.prokopi@digicatapult.org.uk**