TESCON: Interim Report (29 Jul 2018)

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TESCON(Tools for Enforcement of Smart Contracts) is a KTF granted to work with HAT Community Foundation (irene.ng@hatcommunity.org) with Jon Crowcroft (jac22@cam.ac.uk) as PI. It runs from Feb to Dec 2018.

Its technical aim is to integrate smart contracts software tools (CCC, EPRO MELA and possibly BPMNverifier) with blockchain. I have been timely documenting progress in the TESCON’s web www.cl.cam.ac.uk/~cm770/tescon/tescon.html. This report is a summary of the TESCON’s web page.

1 Implementation of prototypes and documentation

1. Architecture of the integration of the CCC and Ethereum has been designed and documented in the On and off–blockchain Enforcement of Smart Contract technical report—Accepted at FPDAPP 2018.
2. Linux scripts, python scripts and use case examples to enhance the functionality of the EPROMELA has been implemented and documented.
3. A preliminary architecture of the integration of the CCC and Ethereum has been implemented and documented in the Implementation of smart contracts using on and off blockchain components (extended version) technical report.

The software and documents are available from the TESCON’s web page.

2 Presentations to industrial companies

I have presented my results to several companies in search of commercialization:
1. Camnexus (www.camnexus.co.uk): an SME aimed at the commercialization of emerging technologies.
4. Legalese (legalese.com): the SME with links with the CodeX Center, Stanford University (law.stanford.edu/codex-the-stanford-center-for-legal-informatics/) that supported my KTS application with a letter. They collaborated with me in the technical report that documents the implementation of the integration architecture.

I have also presented the integration architecture at the Univ. of Central Asia. Presentations are available from the TESCON’s web page.