



# PALANTIR

## Newsletter Issue #6

### Editorial

Welcome to the 6th PALANTIR newsletter, an EU-funded Innovation Project. In this issue, we describe the impact creation activities of the project, and analyse the final requirements identified within it. Dissemination efforts, aiming to promote project outputs, are discussed. Standardization activities are essential to a deep industrial impact, and the project has been especially active in what relates to security automation and data modelling. Finally, the elicitation of the final requirements is examined an important process that provides valuable input for the project.

### Introduction

PALANTIR project has entered its final year and is intensifying all of its activities, from technical developments and integration, to dissemination and business modelling. With contributions in journals, conferences, and standards, and by collaborating with other H2020 projects, the project has allocated effort to increase its impact on various communities. At the same time, the platforms requirements were defined, identifying the needed capabilities.

### Key points

- ➔ 2 public online events organised, 1 conference demo, part of 5 joint H2020 events
- ➔ 19 journal & conference publications so far
- ➔ More than 30 standardization contributions
- ➔ Identification of 90+ requirements to support platform developments

### Dissemination Actions

The PALANTIR consortium has put emphasis in translating its technical work into scientific outputs, aiming to enhance the cybersecurity research community. This rigorous activity has resulted in 19 journal and conference publications, with further opportunities being closely monitored. At the same time, public events have been also a point of focus as PALANTIR has organised, so far, 2 public online events to showcase and discuss its progress while also having 1 conference demo session and was part of 5 joint events with other H2020 projects. These efforts are all part of our firm belief that the work conducted in the context of PALANTIR can and must be shared with all relevant stakeholders to ensure that the EU cybersecurity landscape is constantly evolving. Further activities are to follow in the upcoming months to communicate our project's developments to the public.

### Standardization Targets

Open standards are essential to achieve interoperability among different systems and devices in a network. Additionally, without open standards, it is strongly difficult (if at all possible) to develop and integrate new security services in any given network infrastructure or existing service. One of the project strategic goals has been to transform the developed solutions and frameworks into these open groups, and to create consensus among global players to use the technologies developed by the project. These target groups included both SDOs, focused on producing standard specifications, and open-source communities, focused on the production of open implementations.

The group has targeted groups focused on network service automation (ETSI ZSM, ETSI ENI, ETSI NFV, ETSI MEC, IETF OPSAWG, and ITU-T SG13), security (TCG, ETSI SAI, and IETF Security Area) and data modelling (OpenConfig and IETF Operations Area). At this stage, more than thirty contributions to these targets are reported on the tracking registry of the project.

### Final Requirements

Final requirements were elicited and formed by the consortium within the implementation work packages (3, 4, 5, 6). Three sources were utilized during this process: i) External Requirements: two use case-oriented online surveys aiming technical experts and end-users, ii) Internal Requirements: Implied by the technology elements and use cases as described by the PALANTIR consortium focusing on functionalities and interactions with the users and iii) Advisory Board (AB) Feedback: provided by the AB members after project presentation. Furthermore, the requirements were divided into functional and non-functional ones whereas each category offers information for system operation and facilitation of service provision respectively.

For delivering successful surveys, the PALANTIR consortium defined a broad collection of criteria that include various aspects such as: Business adoption and economic aspects, Delivery models, Cybersecurity services, novel features and GDPR compliance. Defining criteria that cover the a wide range of factors that affect PALANTIR adoption is pivotal for developing, testing and producing a robust system that achieves its main goals. Nonetheless, valuable feedback was obtained through this process since strategic decisions were made during the development phase of the project towards designing and optimizing the final steps of the project.

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