



## D2.2: DIONE toolbox specifications and software architecture

June/2020



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 870378.

<b>Author(s)/Organisation(s)</b>	Valantis Tsiakos, Thodoris Theodoropoulos (ICCS)
<b>Contributor(s)</b>	Nejc Vesel (SIN), Georgios Galanis, Nikos Tsakiridis, Kostas Karyotis (i-BEC), Dragutin Protic, Milan Kilibarda, Bojana Obrenovic, Luka Glusica (GILAB), Apostolos Chondronasios (CORE), Tomas Orlickas (NPA), Socrates Socratous, Eftychios Zintilas (CAPO), Katerina Karagiannopoulou, Evangelos Maltezos, Orestis Sampson, Nikos Iliakis, Spyros Bolierakis (ICCS)
<b>Work Package</b>	WP2
<b>Delivery Date (DoA)</b>	30-06-2020
<b>Actual Delivery Date</b>	30-06-2020
<b>Abstract:</b>	This deliverable builds upon the identified DIONE end users scenarios and needs (deliverable D2.1) and provides a complete set of system-level specifications for the DIONE toolbox. System-level specifications describe the features and desired behaviour of a system. Further to this, the deliverable concludes the DIONE system architecture, including a comprehensive description of the functions supported by system components and their interfaces, as well as message sequences and data storage. This deliverable includes also the non-functional properties of DIONE toolbox, aiming to ensure security, performance & scalability considerations.

Document Revision History			
Date	Version	Author/Contributor/ Reviewer	Summary of main changes
27/04/2020	V0.1	ICCS	Initial ToC
11/05/2020	V0.4	ICCS, i-BEC, SIN, GILAB, CORE, NPA, CORE	DIONE toolbox specifications
12/06/2020	V0.7	ICCS	Submitted for internal review
29/06/2020	V0.9	ICCS	Small modifications according to reviewers' feedback
30/06/2020	V1.0	ICCS	Approved, final version submitted

Dissemination Level		
PU	Public	
CO	Confidential, only for members of the consortium (including the EC)	<b>X</b>

DIONE Consortium			
Participant Number	Participant organisation name	Short name	Country
1	INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS	ICCS	EL
2	DIABALKANIKO KENTRO PERIBALLONTOS	i-BEC	EL
3	SINERGISE LABORATORIJ ZA GEOGRAFSKE INFORMACIJSKE SISTEME DOO	SINERGISE	SI
4	CORE INNOVATION AND TECHNOLOGY OE	CORE	EL
5	NATIONAL PAYING AGENCY	NMA	LT
6	INOSENS DOO NOVI SAD	INO	RS
7	GILAB doo Beograd-Palilula	GILAB	RS
8	Cyprus Agricultural Payments Organisation (CAPO)	CAPO	EL

#### LEGAL NOTICE

The information and views set out in this application form are those of the author(s) and do not necessarily reflect the official opinion of the European Union. Neither the European Union institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

Funding Scheme: Innovation Action (IA) • Theme: DT-SPACE-01-EO-2018-2020  
Start date of project: 01 January, 2020 • Duration: 30 months

© DIONE Consortium, 2020  
Reproduction is authorised provided the source is acknowledged.