



SECREDas

„Product Security for Cross Domain Reliable Dependable Automated Systems“

The aim of the SECREDas project is to design and build a model architecture for the integration of intelligent sub-systems in the field of road and rail vehicles. The project solutions emphasize high level of security, health and privacy of transported and controlling persons, and robustness of automated systems. The project addresses both secure communication between vehicle systems and communication between the vehicle and the surrounding infrastructure. A separate part of the project is monitoring and evaluation of health status of controlling persons.

IMA s.r.o. together with the Brno Technical University and Ubiqu, is working on an intelligent system for secure access to vehicles using mobile devices, smart bracelets and other wearable electronics. The car access control system is based on the idea of secure and easy enrollment of temporary as well as long-term car keys. The resulting system will be used especially in carsharing, corporate fleets or car rental.

Project duration: 2018 – 2020

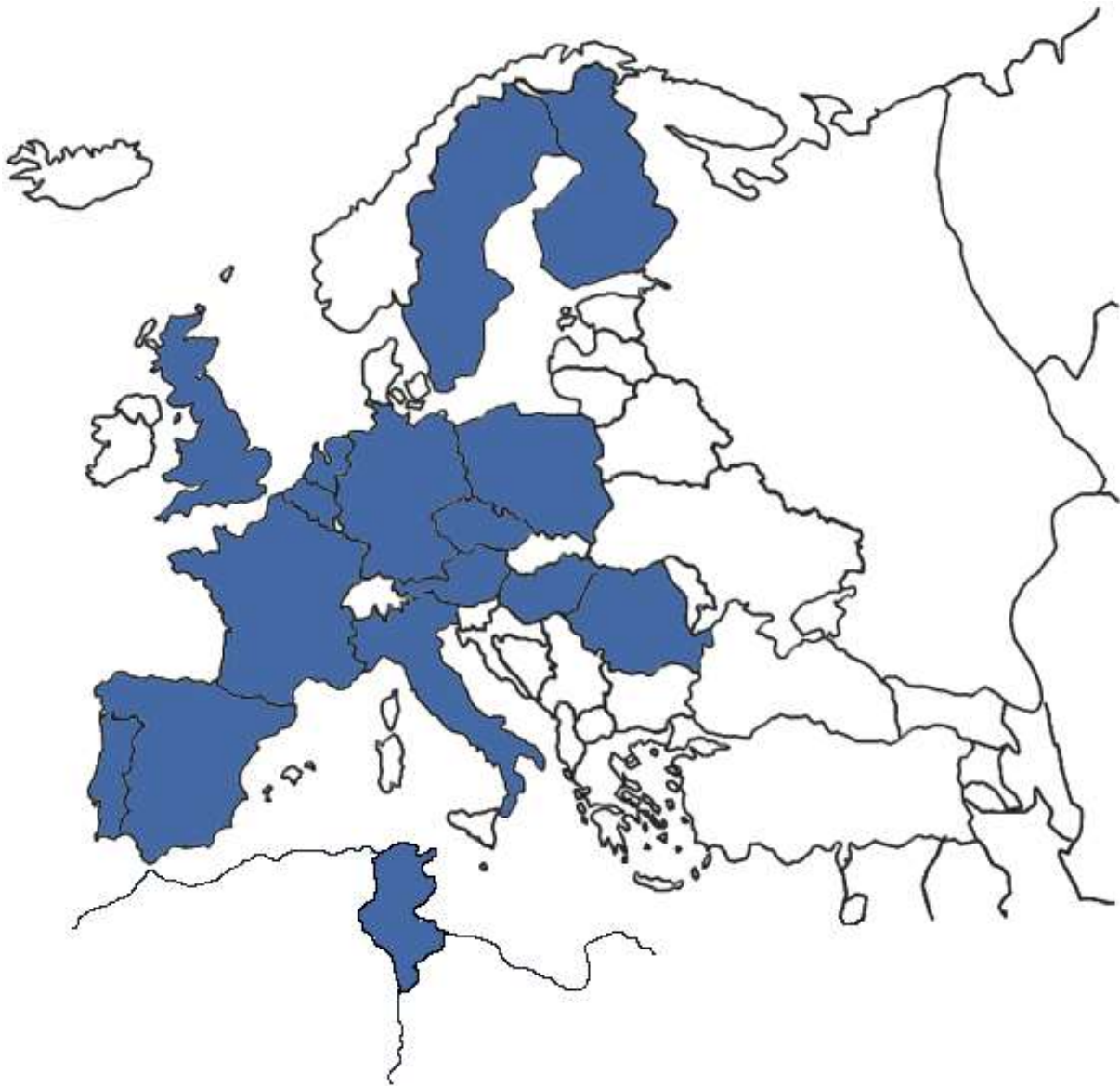
Coordinator: NXP Semiconductors - Netherlands

Short name: SECREDas

Long name: “ Product Security for Cross Domain Reliable Dependable Automated Systems ”

Project number: 783119

Project partners and countries:



1. NXP SEMICONDUCTORS NETHERLANDS BV
2. KOMPETENZZENTRUM - DAS VIRTUELLE FAHRZEUG, FORSCHUNGSGESELLSCHAFT MBH
3. AVL LIST GMBH
4. CISC SEMICONDUCTOR GMBH
5. AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH
6. THALES AUSTRIA GMBH
7. SECINTO GMBH
8. INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM
9. TRANSPORT & MOBILITY LEUVEN NV
10. VYSOKE UCENI TECHNICKE V BRNE
11. INSTITUT MIKROELEKTRONICKYCH APLIKACI S.R.O.
12. NXP SEMICONDUCTORS GERMANY GMBH
13. AVL SOFTWARE AND FUNCTIONS GMBH
14. ROCHE PVT GMBH

15. SENETICS HEALTHCARE GROUP GMBH & CO. KG
16. COMMSOLID GMBH
17. FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
18. GIESECKE+DEVRIENT MOBILE SECURITY GMBH
19. ZF FRIEDRICHSHAFEN AG
20. TECHNISCHE UNIVERSITAET KAISERSLAUTERN
21. MERANTIX GMBH
22. AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
23. FICOSA ADAS, S.L.
24. ADVANCED AUTOMOTIVE ANTENNAS S.L
25. INDRA SISTEMAS SA
26. TECNOLOGIAS SERVICIOS TELEMATICOS Y SISTEMAS S.A.
27. OULUN YLIOPISTO
28. NOKIA SOLUTIONS AND NETWORKS OY
29. SOLITA OY
30. HALTIAN OY
31. COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
32. GEMALTO SA
33. ISSM
34. IDEMIA FRANCE
35. INTERNET OF TRUST
36. PROVE&RUN
37. YOGOKO
38. IN2CAR
39. PSA ID
40. INSTITUT FRANCAIS DES SCIENCES ET TECHNOLOGIES DES TRANSPORTS, DE L'AMENAGEMENT ET DES RESEAUX
41. CANON RESEARCH CENTRE FRANCE
42. COMMSIGNIA KFT
43. BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM
44. IDEAS & MOTION SRL
45. MAGNETI MARELLI S.P.A.
46. UNIVERSITA DEGLI STUDI DI MODENA E REGGIO EMILIA
47. EVIDENCE SRL
48. FASTREE3D BV
49. GEMEENTE HELMOND
50. PHILIPS ELECTRONICS NEDERLAND B.V.
51. UBIQU ACCESS BV
52. STICHTING IMEC NEDERLAND
53. STICHTING KATHOLIEKE UNIVERSITEIT
54. NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO
55. TECHNISCHE UNIVERSITEIT EINDHOVEN
56. POLITECHNIKA GDANSKA
57. INSTITUTO DE TELECOMUNICACOES
58. PDM E FC PROJECTO DESENVOLVIMENTO MANUTENCAO FORMACAO E CONSULTADORIALDA
59. *UNIVERSITATEA POLITEHNICA DIN BUCURESTI*
60. RISE RESEARCH INSTITUTES OF SWEDEN AB
61. RISE SICS AB
62. CHINA-EURO VEHICLE TECHNOLOGY AKTIEBOLAG
63. TECHNOLOGY NEXUS SECURED BUSINESS SOLUTIONS AB
64. ECOLE NATIONALE D'INGENIEURS DE TUNIS
65. ECOLE SUPERIEURE DES COMMUNICATIONS DE TUNIS

66. NXP LABORATORIES UK LIMITED
67. INFRAESTRUTURAS DE PORTUGAL SA
68. IP TELECOM, SERVICOS DE TELECOMUNICACOES S.A.
69. BEYOND VISION - SISTEMAS MOVEIS AUTONOMOS DE REALIDADE AUMENTADA LDA