

Partnering Opportunity

Profile Status: Published

Research & Development Request

H2020 project aiming at software platform, granting enterprises access to fraud detection within their ERP (Enterprise Resource Planning) system - Consortium is searching for ERP software companies with an SME customer base

Summary

A German University for Applied Sciences will submit a H2020 project to the call SU□DS03□2019□2020. Aim of the project is to develop a software platform granting micro, small and medium enterprises access to fraud detection within their ERP□system. ERP software companies are sought as project partners to provide their solutions to a client base of SME and provide expertise in this technology sector and further knowledge of the customer requirements regarding functionalities and market potential.

Creation Date	13 March 2019
Last Update	13 March 2019
Expiration Date	15 April 2019
Reference	RDDE20190312001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/dcc0a4d0-bfe9-4f30-ada3-c2933601f38a

Details

Description

Widespread use of IT solutions in business processes opens the door to fraudulent behaviour and attacks.

The central objective of the project to the call - SU□DS03□2019□2020: Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises - is the development of a software platform solution granting access to fraud detection within their ERP□system (Enterprise Resource Planning) to Micro, Small and Medium Enterprises. This will

Ref: RDDE20190312001

be achieved by gathering of anonymized data from various companies with different ERP systems; provision of real time monitoring of business processes in the connected ERP Systems; analysis of data considering frauds and risks using machine learning techniques; detection of new fraud/risk patterns and derivation of rules for future prevention. By considering several ERP systems (commercial systems but also open source tools), various companies of different sizes are addressed to participate and profit from joint fraud detection. Consequently, this enlarges the database for proper fraud analysis and thus facilitates the derivation of new audit rules to prevent fraudulent behaviour. Furthermore, network effects can be exploited as detected fraud patterns and corresponding rules for their prevention become instantly available for all participating enterprises instead of remaining only in the affected company – inaccessible for others.

The project consortium as it stands involves universities and a research-driven SME as partners from Germany and is now searching for partners from all around Europe (except Germany). Collaboration is foreseen with ERP software providers from Europe and beyond contributing with their expertise to develop customer-fit solutions to the problem.

The software company sought shall be established on the EU market as providers for ERP solutions to small, medium- and micro sized enterprises.

The ERP providers will work within work packages that refer to anonymous data provision and analysis, and also contribute to a demonstrator to showcase the ERP system connected to the fraud detection platform described above.

Partners will profit by the knowledge transfer and the generation of exploitable results/solutions.

Total project budget shall be around 4-5M€; funding rate for participating SME will be 70%; Submission Deadline: 22 August 2019; in case of approval, the project will approximately start spring 2020.

Deadline for EOIs: 15 April 2019

Stage of Development

Proposal under development

Keywords

Technology

01003002	Archivistics/Documentation/Technical Documentation
01003006	Computer Software
01003009	Data Protection, Storage, Cryptography, Security

Market

01004002	Data communication components
02006004	Data processing, analysis and input services
02007008	Business and office software

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : **Yes**

Dissemination

Relevant Sector Groups

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

University

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English
German

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

Type of partner sought: industry, SME

Specific area of activity of the partner ERP providers

Tasks to be performed by the partner: data provision, demonstrate and showcase ERP system connected to the newly developed fraud system

Type and Size of Partner Sought

SME 11-50, SME <10,251-500, SME 51-250

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

H2020

Call title and identifier

ID: SU-DS03-2019-2020

Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises

Submission and evaluation scheme

single-stage

Anticipated Project Budget

4-5 million Euro

Coordinator Required

No

Deadline for EOI

15 Apr 2019

Deadline of the Call

22 Aug 2019

Weblink to the Call

[https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/su-ds03-2019-](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/su-ds03-2019-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047893;focusAreaCode=null;crossCutt)

[2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047893;focusAreaCode=null;crossCutt](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/su-ds03-2019-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047893;focusAreaCode=null;crossCutt)