Technology Request

UK company seeks partners who posses or are interested in researching advanced image processing technology for crime sector

Summary

The UK company have developed an image processing platform that helps law enforcement agencies with victim identification investigations in online child exploitation cases. The company are seeking partners who have advanced image processing technology or internet investigation technology. Types of partnership considered are joint venture, technical and research cooperation agreements.

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Details

Description

UK SME have developed a platform to help law enforcement agencies with victim identification investigations in online child exploitation cases, by using image searching tools to search the open Internet for photographs taken with the same camera as abuse imagery, potentially leading to the owner of a camera.

The service is currently used by law enforcement agencies internationally and has been instrumental in a number of successful child victim rescues. In the last year, the company have successfully processed over one billion images from the open web.

The company are looking for technology (specifically algorithm) providers that can add value to their dataset in ways that benefit their users and allow them to make investigative connections and eventually lead to increased solution of criminal cases.

The company seeks to engage in joint venture agreements with organisations, specifically to looking to develop new image processing technology to improve victim identification. They are also open to technical cooperation agreements with any such organisations who already possess innovative technology in the image processing domain. The goal is to improve the worldwide bank of know-how in this sector and reduce crime.

The company is also seeking to engage in research cooperation agreements with organisations internationally in the crime sector, to begin research in application of image processing technology for new sectors. This could be achieved by application for joint funding or joint proposals to public sector bodies.

Technical Specification or Expertise Sought

The UK company is seeking companies with expertise in image processing, with a view to adding value to their dataset and ultimately the investigators who use the system. They are also seeking companies who have a general interest in open-source Internet investigation technique and or have an innovative internet search technology.

Stage of Development

Already on the market

Keywords

Technology

01003012	Imaging, Image Processing, Pattern Recognition

Market

01006001	Defence communications
02006009	Other computer services

NACE

J.62.0.1	Computer programming activities
J.63.1.1	Data processing, hosting and related activities

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI :   Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry >500

Year Established

2011

Turnover

<1M

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

United Kingdom

Partner Sought

Type and Role of Partner Sought

The company are looking for technology (specifically algorithm) providers that can add value to their dataset in ways that benefit their users and allow them to make investigative connections. For example (but not limited to), image processing to ascertain image geographic location from pixel data. The company are looking to engage in technical cooperation agreements with any organisations who already possess this technology. The company also seeks to engage in joint venture agreements with organisations, specifically looking to develop new image processing technology to improve victim identification.

The company is also seeking collaborations with companies internationally working in other crime-type areas involving imagery to engage in research cooperation agreements to research the application of image processing technology for new sectors. Sectors of interest include (but are not limited to) terrorism, serious and organised crime, immigration. Research collaborations may result in applications for joint funding.

Type and Size of Partner Sought

SME 11-50,University,Inventor,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

    Technical cooperation agreement
    Joint venture agreement
    Research cooperation agreement

Attachments