Technology Offer

A Korean company wishes to find a reliable partner that is interested in introducing intelligent CCTV to the European security market

Summary

A Korean SME active in smart hardware field of video conferencing and telemedicine offers intelligent imaging technology and high-resolution image application solutions that transmit onsite image data for specialized areas such as surgical training or interventions in emergency situations. Application areas are parking management, fire department, healthcare and education. The company is proposing cooperation under commercial agreement with technical assistance, and services agreement

Expiration Date	28 April 2018
Reference	TOKR20170208002
Profile link	

Details

Description

A Korean SME focuses on display fields with hardware and ubiquitous solution technology. It offers smart integrated controlling technologies of video conferencing and Telemedicine.

The company has developed solutions that can be applied in various areas. By allowing video-related technologies to be utilized in more effective ways, for instance displaying several video conference attendants at once or broadcasting lectures to several servers at the same time, its techniques have been used by firms, and health/educational institutions.

Moreover, apart from them, the applications of its products, for example, can be found in parking management as well. Special cameras can be used to manage parking lots effectively and safely by monitoring parking lots, showing available parking spots using different colors (green for ‘available’ and red for ‘occupied’) and gathering information of vehicle position. Furthermore, in fire department, its system also allows fire scene to be controlled quickly by collecting images from special cameras on CCTVs(Closed Circuit Televisions) and on fire trucks.

Characteristics and functions of its products are as follows:
- special cameras contain automatic tracking function by object-based image analysis methods
- can capture fire information, sounds and images in real-time by adding various functions, for instance fire detecting sensor, sound sensor and IP(Internet Protocol) connection to the camera
- integrated remote control of PTZ(Pan–Tilt–Zoom) and focus for each camera
- real-time compressed saving and transferring of data for network-based video recorder with H.264/H.265 compressed protocol
- offer real-time image-based integrated control solution for compressing, saving and transferring full HD(High Definition) image

- transfer alarm signal by sensing guard line, tampering, gathering, audio surge, object left from camera
- indicate alarm signal in digital map/Google map and offer real-time image status in various points

Since its establishment, the company has supplied CCTVs and video conference equipment to Samsung, universities, hospitals, governmental department as well as fire departments in South Korea.

The company is searching for a company as a commercial partner who is equipped with the right infrastructure and manpower for installation of CCTV. Before selling the company's product, right to sell (property rights) would be given to the partner in the limited region. The company expects a partner to perform installation, sales as well as after-sales service of CCTV for local governmental departments, hospitals and universities. The company will provide a partner with training of installation and of technical support for after-sales service. Apart from commercial partnership, the company could offer service agreement which is service that can be provided to a partner company to use the technology without giving the property right.

Advantages and Innovations

Compared with existing image solutions and competitors' solutions, the company's solutions have advantages as follows.
- central control of images derived from 5,000 cameras at maximum per machine
- One machine contains all functions such as video management system, network-based video recorder and encoder/decoder, which helps users utilize the machine in various situations
- provide numerous service solutions which can be applied in various areas (for example, video conference, parking lot, medical service (hospital), fire department, advertising display by combining real-time images and data acquired from the high-resolution cameras

Stage of Development

Already on the market

IPR Status

Secret Know-how

Profile Origin

COSME

Keywords

Technology

01002004	Embedded Systems and Real Time Systems
01006005	Network Technology, Network Security
01006012	Description Image/Video Computing

Market

09002004	Security and commodity brokers and services

NACE

J.63.9.9	Other information service activities n.e.c.

Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2009

Turnover

100 - 250M

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

South Korea

Partner Sought

Type and Role of Partner Sought

- Type of partner sought: Company
- Specific area of activity of the partner: a company with proper manpower and infrastructure for installing intelligent CCTV at universities, hospitals and local governmental departments
- Task to be performed: operating sales, installation and after-sales service in local market with commercial agreement. use the technology under the service agreement

Type of Partnership Considered

Services agreement
Commercial agreement with technical assistance

Technology Request

Speech recognition technology for an innovative platform

Summary

French company active in the digital industry provides a platform for virtual reality business meetings. The company wants to add new features in the platform and seeks technological partners to build a speech transcription feature. Services and licenses agreements are targeted.

Expiration Date	02 May 2018
Reference	TRFR20170404001
Profile link	

Details

Description

Company located in the Paris specialized in serious games is providing a platform for virtual reality(VR) business meetings.

The platform already offers the following features:
- Meetings in a VR environment
- Customization of the virtual environment
- Customization of avatars
- Sharing of multiple contents like 3D models,video 360°,audio,power point presentation...

The platform is already running on HTC Vive in a Unity environment.

The fast growing company has already good references (Ie big players from the IT industry) , has been already awarded with innovation prizes and selected among promising startups by HTC Vive.

The SME is also involved in collaborative project at the national and European level.

Technical Specification or Expertise Sought

As the business meetings users will come from various sectors (industry, consulting,banking, marketing...) and will speak different languages (native or non native speakers , various accents), the speech recognition should be efficient in any context including technical vocabulary with any kind of users.
The transcription should be in real time to allow subtitles (making possible the participation of hearing impaired people) and translation.

The speech recognition technology should :
- Be ready for integration in the platform and be considered as a TRL 5 minimum
- Discriminate the different participants through their IP address
- Be reliable for speech recognition in several languages

(Mainly Chinese,English,French,German and Spanish)
- Be cost effective (less expensive than technologies developped by the market leaders)
- Be not dependent on Google/ Microsoft

Comments Regarding Stage of Development

Validated in relevant environment

Keywords

Technology

01003017	Speech Processing/Technology
01003018	User Interfaces, Usability
01005006	Visualisation, Virtual Reality
01006001	Audiovisual Equipment and Communication

Market

01006005	Other communications (not elsewhere classified)

NACE

J.58.2.9	Other software publishing

Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2010

Turnover

<1M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
French

Client Country

France

Partner Sought

Type and Role of Partner Sought

The SME is looking for a speech recognition technology in order to provide meeting transcription as a feature of the collaborative VR platform.
The technology developed by the partner should be ready for integration in the platform.
The SME is interested in license agreement and services agreements.

Type and Size of Partner Sought

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

Type of Partnership Considered

Services agreement
License agreement

Technology Request

Technical cooperation in implementation of a 5-axis 3D printing technology with fused deposition modelling (FDM)

Summary

A company from Poland working on a project related with implementation of a new 5-axis 3D printing technology with focus on application in various industrial processes. The company is currently developing a project that assumes the use of a new 3D printer employing the fused deposition modelling (FDM) printing technology. Partners interested in starting technical cooperation and ready to share their expertise are welcome.

Expiration Date 15 December 2017
Reference TRPL20161124001
Profile link

Details

Description

A Polish company dealing with 3D printing technologies and distributing computer-aided design, manufacturing and engineering (CAD / CAM / CAE) software aiding the design and manufacturing process in specific sectors of the industry with a knowledge driven focus on the field of mould and die industrial application, including the design and manufacture of plastic injection moulds, sheet metal stamping dies, progressive dies, 2D to 5-axis milling, electrode production, multi-axis laser cutting, wire electrical discharge machinines (EDM) and others. These products and technologies support various manufacturing industry sectors such as automotive, electronics, medical, white goods and aerospace.

The company is currently working on a project related with implementation of a new 5-axis 3D printing technology and is looking for international partners willing to share expertise and knowledge in that area. Technical cooperation agreement is considered.

Technical Specification or Expertise Sought

The project assumes the use of a 3D printer with the following technical parameters:

- large work surface with dimensions of 300 x 300 x 300 mm,
- 5 axis kinematics (X, Y, Z + rotation B, C) - there are no 5-axis printers available on the market using the fused deposition modelling (FDM) printing technology
- automatic replacement of printer heads,
- graphic interface with a 15" touchscreen
- closed working chamber with controlled temperature

- high definition video camera installed inside, for process monitoring
- dedicated software, for 5-axis printing

Keywords

Technology

02001001 3D printing

Market

08003007 Other industrial equipment and machinery

NACE

C.28.9.9 Manufacture of other special-purpose machinery n.e.c.

Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2015

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English
Polish

Client Country

Poland

Partner Sought

Type and Role of Partner Sought

Partners ready to provide technical cooperation in development of the project in implementation of a 5-axis 3D printing technology.

Type and Size of Partner Sought

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

Type of Partnership Considered

Technical cooperation agreement

Attachments

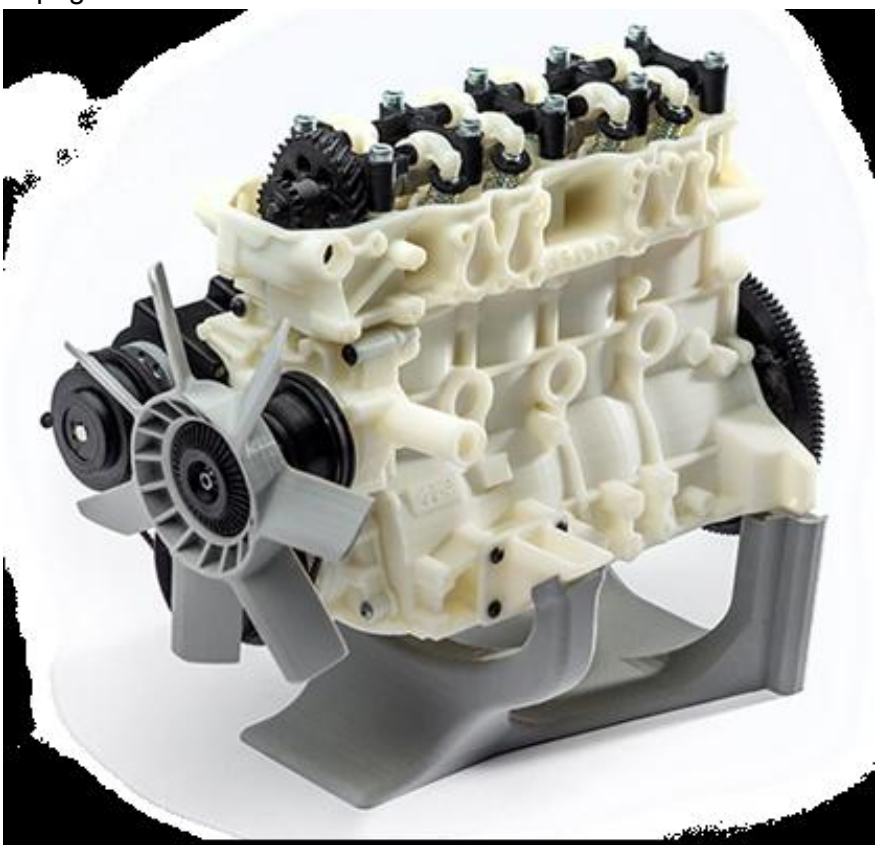
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