Profile Status: Published

Technology Offer

A Slovak university is offering an aerothermal system - a portable physical model of a thermal distributed parameter system suitable for physical simulation of operating of temperature fields

Summary

The Slovak university has developed a new aerothermal system. Portable physical model of a thermal distributed parameter system (DPS) suitable for physical simulation of operating of temperature fields can be easily applied in the research and testing of advanced control algorithms for DPSs before their implementation on real industrial processes. They are looking for partners to cooperate with via licence agreement.

Creation Date	03 September 2018
Last Update	24 September 2018
Expiration Date	25 September 2019
Reference	TOSK20180824001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/fbc467ca-c874-49eb-81e5-7129ee2b5efb

Details

Description

Aerothermal system is a portable physical model of a thermal distributed parameter system (DPS) suitable for physical simulation of operating of temperature fields. It can be applied in the research and testing of advanced control algorithms for DPSs before their implementation on real industrial processes. The system also supports practical education in courses on automatic control systems analysis and design. Key features include the ability to simulate multi-input, multi-output (MIMO) systems and one class of thermal DPSs. A number of steps must be undertaken before a control algorithm can be successfully applied to a real environment. The main benefit of the laboratory system can be expected in obtaining first practical experiences with created control algorithms and in shortening the test phase before their implementation to a real industrial process. This technology could be therefore easily applicable in industrial areas.

A thermal DPS is for taking thermal inputs such as temperature from room one to circa 120 Celsius degrees. The output allows a user to verify the concept of operation of temperature fields prepared to be implemented in a real object. The ability to verify the concept beforehand in a model conditions of maintaining of temperature fields for a real object creates the opportunity to design an energy-effective solution.

The university is looking for partners to cooperate with via license agreement. They are looking for partner, who could adapt this technology into the praxis. The final users of this technology are e.g. the manufacturing plants or companies which are installing the systems for plants/herbs. Instead of academic sector, the user of this technology could be e.g. development companies dealing with the design of thermal objects and processes, where the abidance of prescribed temperature profile is needed.

Advantages and Innovations

It enables first experiences to be gained with tuning of the algorithms parameters. In addition, it helps to overcome the drawbacks of the non-sensitivity of mathematical theories to many practical control problems, and supports their solutions. The system reduces costs planned for experiments with real industrial processes and permits testing of the algorithms in various marginal situations.
Lastly, the ability to verify the concept beforehand in a model conditions creates the opportunity to design very energy-effective solution.

Stage of Development

Available for demonstration

IPR Status

Secret Know-how

Profile Origin

Other EU programme

Keywords

Technology

01003001	Advanced Systems Architecture
01003006	Computer Software
01003008	Data Processing / Data Interchange, Middleware
01003016	Simulation
02006004	Installations related to construction (energy, lighting, …)

Market

06009	Energy Distribution
08002003	Process control equipment and systems
08003006	Power transmission equipment (including generators & motors)
08006001	Process control and logistics

NACE

D.35.3.0	Steam and air conditioning supply
J.63.1.1	Data processing, hosting and related activities
J.63.9.9	Other information service activities n.e.c.
M.72.1.9	Other research and experimental development on natural sciences and engineering

Network Contact

Issuing Partner

ASTER - SOCIETA CONSORTILE PER AZIONI

Contact Person

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Open for EOI : Yes

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Year Established

1937

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English
Slovak

Client Country

Slovakia

Partner Sought

Type and Role of Partner Sought

- Type of partner sought:
They are looking especially for industrial partners. Academic partners are suitable as well.

Field of activity:

- industry, manufacturing, companies which are installing the systems for plants/herbs or R&D institutions/academics interested in this field.

- Task to be performed:
Adaption of this system via license agreement. Commercialization of this technology + the use of technoogy in praxis.

Type and Size of Partner Sought

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

Type of Partnership Considered

License agreement

Profile Status: Published

Technology Offer

Complete app tool for mobile journalism

Summary

A Spanish ICT company has developed a complete app tool for mobile journalism that allows the user (journalist, media, witnesses,…) to record and make high quality audiovisual pieces, ready to be broadcasted, in very fast and easy way by using just a smartphone. The company is looking for license agreements.

Creation Date	10 April 2018
Last Update	23 April 2018
Expiration Date	24 April 2019
Reference	TOES20180410001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/18806de6-4cc2-4ae8-a3f0-fc1a6cad587b

Details

Description

Mobile journalism is a new international trend. In fact, more and more media and information professionals are taking advantage of it, because it allows to get quicker to the audience. Nevertheless, since it is a new trend, the tools to carry out this new kind of journalism are not very developed yet. In fact, different independent app tools have to be used (camera app, editing tool,...) to produce an audiovisual piece with the minimum quality.

In this context, the Spanish company has developed an app tool specially designed for mobile journalism. It is a complete suite for media, professional journalists, and witnesses that offers the possibility to make audiovisual professional pieces faster and with high quality through smartphones without losing the brand’s identity.

The tool integrates functionalities such as camera, editing tool and sending tool in one app.

-Advanced recording camera which includes all the professional features such as sensitivity, WB (White Balance), metering for shutter speed and aperture, zoom, flash, filters, …

-Edit Room: It allows to organize the clips on the timeline to get the video edited according to the user preferences:

•Order clips
•Trim
•Split
•Duplicate

-Accurate tools:

•Frame-by-frame accuracy
•Different options for precision level
•Simple interface
•Creations control

-Locution and music: The journalist can voiceover a video and showing the same time different audiovisual resources:

•Customizable music
•Default creative commons music
•Locution recording
•Sound balance

-Texting and graphics: The text layer on video news nowadays is trendy and effective, because it attracts the viewer's attention:

•Tool for adding text to videos
•3 positions for texting a graphics
•Easy to edit
•Fast and intuitive

-Integrated tool for sending the piece and sharing it.

The Spanish company is looking for international ICT integrators (mainly broadcasters or news agencies) within the mobile sector willing to cooperate under license agreement. The objective is to get the product commercialised within a defined area.

Advantages and Innovations

-This is the only integral solution for professional mobile journalism that is available for iOS and Android.

-Normally, mobile journalism is carried out using different apps: A camera tool for recording, a tool for edition and another one for sending the information (like WeTransfer for example). On the other hand the solution developed by the Spanish company integrates in one app all the required functionalities for professional mobile journalism.

-It enables journalists to have access to all the necessary steps and tools needed to publish a piece of news.

-It increases the amount of audiovisual material to engage the audience.

-Journalist can remain on top of the news and get closer to their audience by allowing them to record on their behalf while keeping their brand identity. Then, the content can be directly sent to their servers all through the app.

Stage of Development

Already on the market

IPR Status

Secret Know-how

Profile Origin

Private (in-house) research

Keywords

Technology

02009015	Audio / video
11003	Information and media, society

Market

01	COMMUNICATIONS
01006002	Mobile communications, pagers and cellular radio
09003006	Media related services

Network Contact

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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

Industry SME <= 10

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

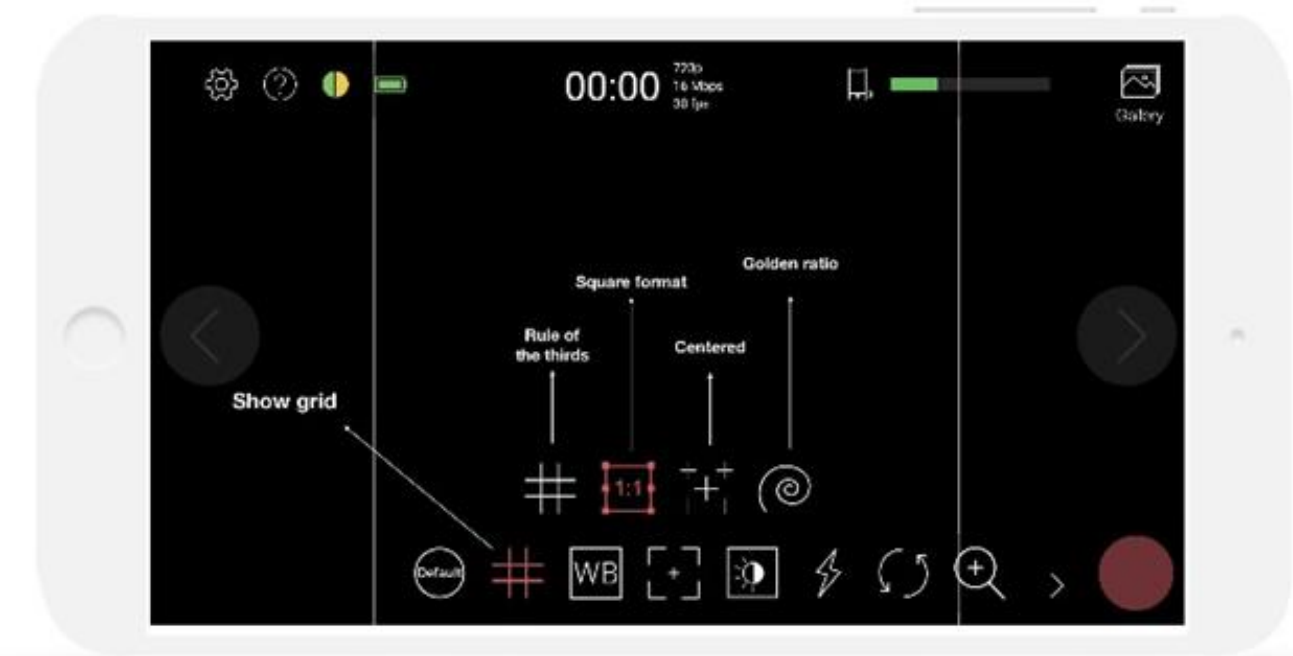
The Spanish company is currently looking to expand its international network of partners through license agreements with ICT integrators with experience in mobile apps and with a good network of contacts within the audiovisual communications sector.

The role of the partner sought is to commercialise this solution within a designed area to potential clients such as broadcasters or news agencies.

Type of Partnership Considered

License agreement

Attachments


00:00
Gallery
Square format
Golden ratio
Rule of the thirds
Centered
Show grid
Default
WB


Timanfaya National Park wilderness which seems to belong to another planet
Timanfaya National Park wilderness which seems to belong to another planet

Profile Status: Published

Technology Offer

German startup offers an advanced electronic locker software and device for managing efficiently and secure the delivery and pickup of goods

Summary

A German SME involved in logistic IT development is offering a high performance management system for locker stations. The cloud-based system allows the keyless opening of any kind of electronic lock. It provides easy and secure user management for both - recipient and supplier. Electronic access permissions can be changed within no time. The company seeks licensees (franchisee or exclusive distributor), but also commercial or technical cooperation agreements for adaption to client´s needs.

Creation Date	31 August 2018
Last Update	10 October 2018
Expiration Date	11 October 2019
Reference	TODE20180830001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/fe1929dd-3800-4569-917b-8174556de608

Details

Description

The growing sector of mail order shopping is causing increased challenges for all players along the supply chain. The process of delivery (and return) needs to become fast and efficient, traceable and transparent, flexible and easy to manage and at the same time privacy and safety is of striking importance.
A German SME specialied in logistic IT solutions offers a universal, centrally managed goods delivery solution, which is independent from the physical presence of the recipients and meets all the requirements mentioned above. The cloud-based system is open for all deliverers and applicable worldwide.
It can be complemented by dedicated boxes offered by the company or used for any existing room, trunk or container which is controlled by an electronic door opener.
Supply and receipt of goods are centrally managed and monitored by GSM - Global System for Mobile Communication Modules and thus providing a modern and reliable add on, which potential cooperation partners can offer to their clients. Even billing and tariffing features are provided, which allows the owner, to share maintenance costs with the users.

The company is seeking partners for license agreement, and/or commercial agreement with technical assistance, who want to provide added value to their customers by offering modern goods delivery facilities; e.g. property developers, planning and engineering offices, housing

cooperations, telecommunication provider or municipalities. Furthermore the company is seeking for technical cooperation agreement, especially referring to further development on request (e.g. remote terminal units).
The company is also open for technical cooperation agreement, in case a client is interested to use the technology for an application for other purposes than mentioned above.

Advantages and Innovations

Compared to existing logistic / delivery solutions the proposed system ofers the following advantages:
-cloud-based, centralised administration and monitoring of access, billing and tariffing
- open for all delivery service providers and multiple users
- goods supply and receipt at the front door, even if recipient (or neighbour etc.) is not at home
- 24/7 pick-up availability e.g. for stationary stores

Stage of Development

Already on the market

Comments Regarding Stage of Development

Development is complete.
Adjustments to specific needs will be done on request.

IPR Status

Secret Know-how

Comment Regarding IPR status

registered brandname

Profile Origin

Private (in-house) research

Keywords

Technology

01003022	Smart Appliances
01003024	Cloud Technologies
01004003	Applications for Transport and Logistics
02003004	Supply chain
02003005	Information processing & Systems, Workflow

Market

01004008	Other data communications
08006	Industrial Services
09007001	Construction companies
09007003	Distribution of building products and systems
09007005	Facility management companies

NACE

C.30.9.9	Manufacture of other transport equipment n.e.c.
H.52.2.4	Cargo handling
H.52.2.9	Other transportation support activities
J.63.1.1	Data processing, hosting and related activities
J.63.9.9	Other information service activities n.e.c.

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Relevant Sector Groups

Automotive, Transport and Logistics

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
German
Croatian
Spanish

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

The company is seeking partners for license agreement, and/or commercial agreement with technical assistance, who want to provide added value to their customers by offering modern goods delivery facilities; e.g. property developers, planning and engineering offices, housing cooperations, telecommunication provider or municipalities. Furthermore the company is seeking for technical cooperation agreement, especially referring to further development on request (e.g. remote terminal units).
The company is also open for technical cooperation agreement, in case a client is interested to use the technology for an application for other purposes than mentioned above.

Type of Partnership Considered

License agreement
Commercial agreement with technical assistance
Technical cooperation agreement