# French Startup propose a Big Data spreadsheet with dynamic charts and easy-to-use advanced analytics solution, for a technical cooperation agreement

## Summary

*A French Startup specialised in software development has developed visual analytics software that enables observation of data workflow through a Big Data spreadsheet with dynamic charts and easy-to-use advanced analytics, all tightly integrated. A technical cooperation agreement is sought with Big Data solution providers willing to integrate cutting-edge technology to add visual data exploration and analysis functions to their solution.*

| | |
|---|---|
| **Creation Date** | 05 August 2016 |
| **Last Update** | 26 August 2016 |
| **Expiration Date** | 26 August 2017 |
| **Reference** | TOFR20160805001 |

## Details

### Description

A French Startup specialised in software development has developed a visual analytics software that enables to visualise any data workflow from a Big Data spreadsheet with dynamic charts and easy-to-use advanced analytics. The software provides a unique and highly integrated dynamic interaction, allowing to:
- Visually explore in real time Big Data sets
- Process your data taking into account your complete dataset
- Work with analytics tools by simply drag'n'drop
- Export animated Graphics Interchange Format (gif) images and share them
- Manage time series extraction of data even with accuracy of milliseconds
- Enable "R language" script execution with a bridge (link) to "RServe"
- Connect to a database.

The Startup seeks a partner which has already a software solution and which wants to add these new functionalities to it. The Startup and the partner will sign a technical cooperation agreement, and will give support to its partner, in order to integrate this new functionality to its software solution.

### Advantages and Innovations

The dynamic interaction framework is 100% innovative and based on proprietary architecture build from scratch. This includes a in-memory database, a query engine as well as a rendering engine.
Leveraging its unique architecture, the software enables dynamic linking and brushing, dynamic aggregation and advanced analytics and it provides natural time support with millisecond precision for time-series analysis.
The software lets you display simultaneously and manipulate responsively dozens of millions of

data points on a desktop machine.
It helps all data workers involved in finding and making value with their data, whether they are doing exploratory analysis on an unknown dataset, preparing data for another task, or reviewing the latest results of machine learning algorithm...
It allow to :
- Visually explore in real time Big Data sets
- Process your data taking into account your complete dataset
- Work with analytics tools by simply drag'n'drop
- Export animated Graphics Interchange Format (gif) images and share them
- Manage time series extraction of data even with accuracy of milliseconds
- Enable "R language" script execution with a bridge (link) to "RServe"
- Connect to a database.

**Stage of Development**

Already on the market

**Comments Regarding Stage of Development**

The software is already on the market and development continues to integrate use cases.

**IPR Status**

Secret Know-how,Trade Marks

**Profile Origin**

COSME

## Keywords

**Technology**

| | |
|---|---|
| 01003006 | Computer Software |
| 01003010 | Databases, Database Management, Data Mining |
| 01003018 | User Interfaces, Usability |
| 01003025 | Internet of Things |

**Market**

| | |
|---|---|
| 02007002 | Database and file management |
| 02007004 | Program development tools/languages |
| 02007007 | Applications software |
| 02007011 | Manufacturing/industrial software |
| 02007013 | Banks/financial institutions software |

**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**

2015

**Turnover**

<1M

**Already Engaged in Trans-National Cooperation**

No.

**Languages Spoken**

English
French
Arabic

**Client Country**

France

## Partner Sought

**Type and Role of Partner Sought**

Big Data solution providers willing to integrate cutting-edge technology to add visual data exploration and analysis functions to their software solution.

**Type and Size of Partner Sought**

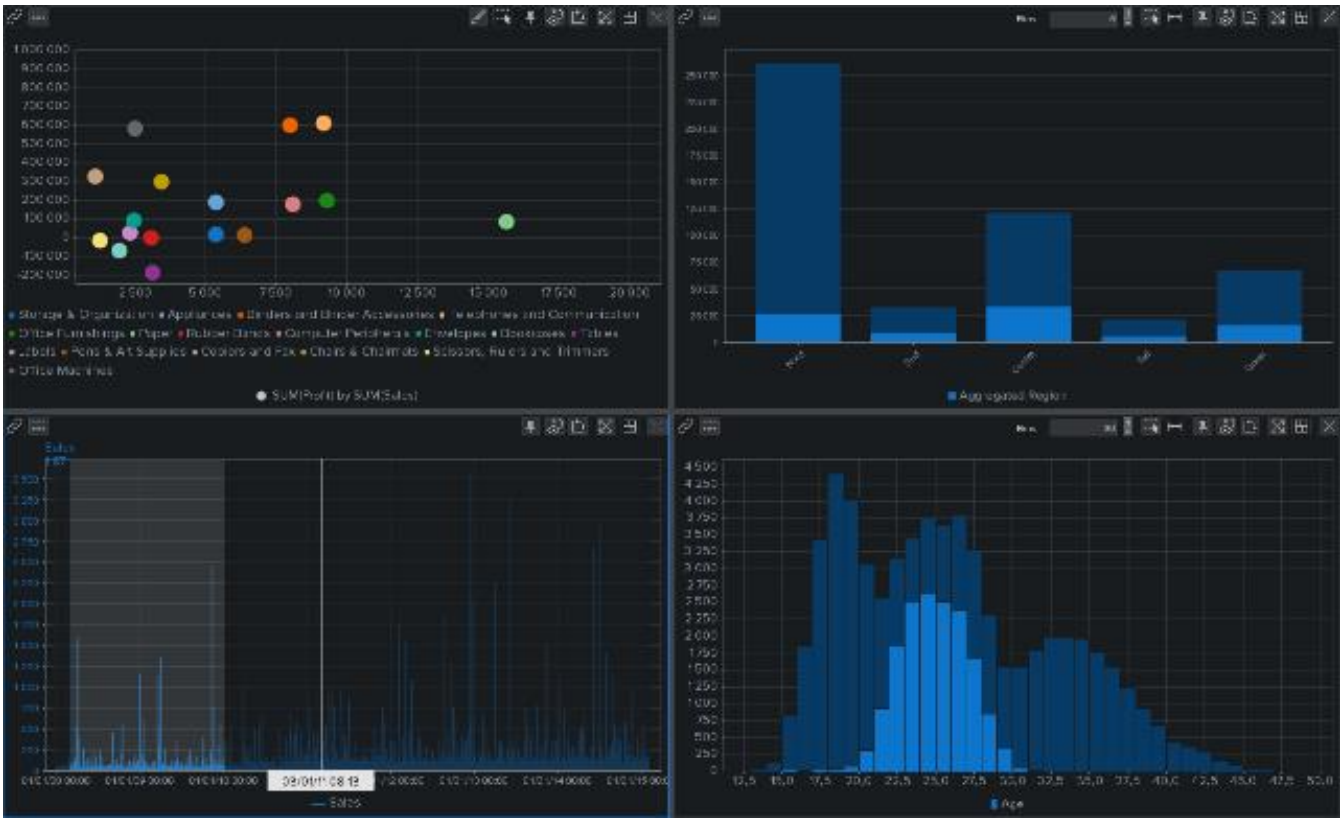
SME 11-50,SME <10,>500 MNE,251-500,SME 51-250,>500

**Type of Partnership Considered**

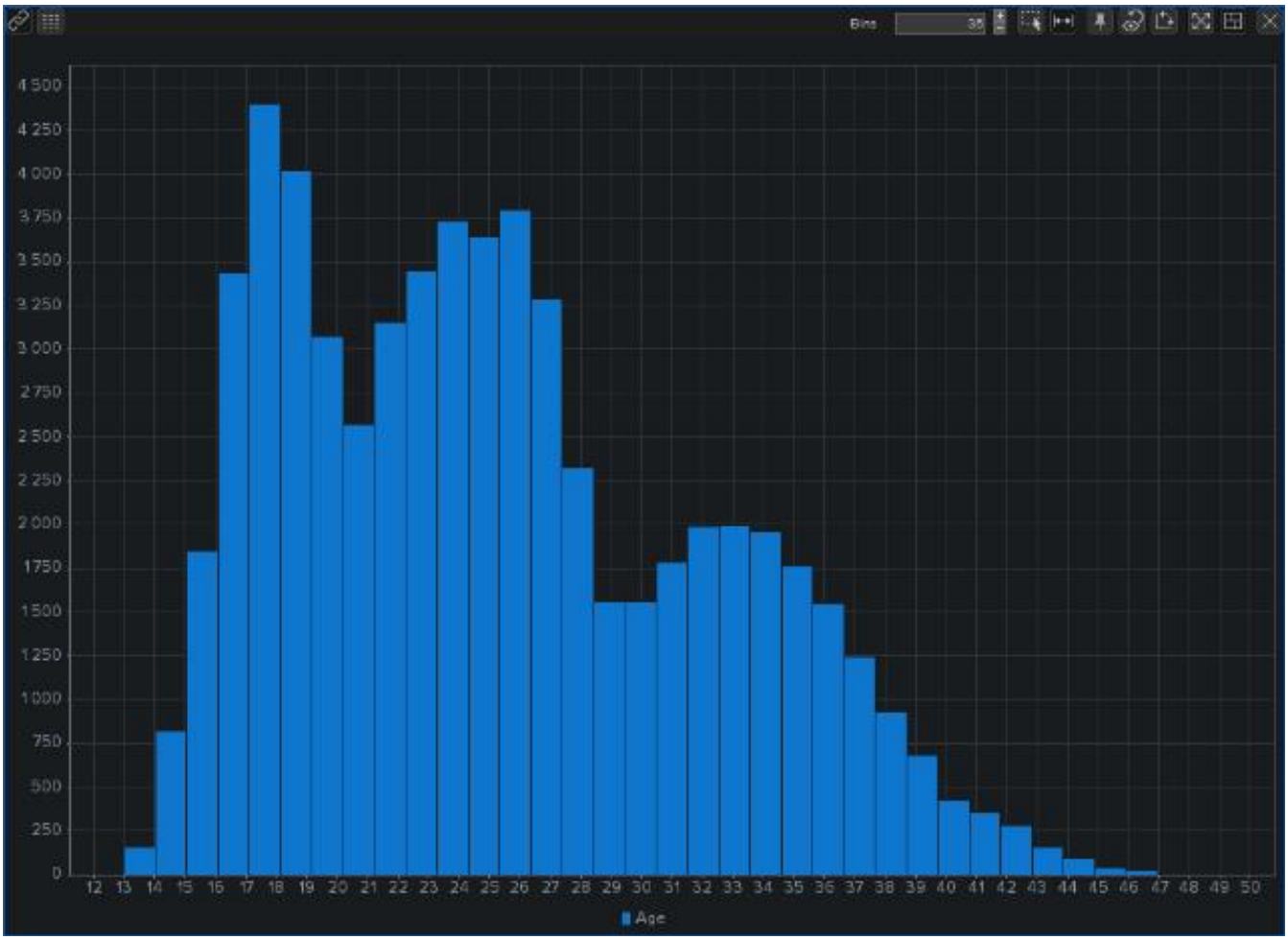
Technical cooperation agreement

## Attachments

ex4.gif



distribution.gif


Bins
35
4 500
4 250
4 000
3 750
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3 250
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12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
Age

Technology Offer

# Simultaneous phase and amplitude control using triple stub topology and its implementation using RF MEMS technology, the new component does three things in one go

## Summary

*A Turkish researcher, a teacher in the Turkish university, has developed an invention which relates to techniques for controlling the amplitude and the insertion phase of an input signal in RF applications. More particularly, this invention relates to phase shifters, vector modulators, attenuators employing both semi-conductor and RF microelectromechanical systems (MEMS) technologies. It does three things in one go. Licensing agreement is the commercialization option for the researcher.*

| | |
|---|---|
| **Creation Date** | 31 October 2016 |
| **Last Update** | 19 June 2017 |
| **Expiration Date** | 19 June 2018 |
| **Reference** | TOTR20161031013 |

## Details

### Description

The RF circuits in almost all wireless communication systems are expected to be smaller, simpler, and low-cost. At this point, the industry is always targeting components that have lower dimensions, can decrease system complexity, and decrease overall cost.
The proposed component uses the triple stub circuit topology which makes it possible to control the insertion phase and amplitude of a given signal while it also performs impedance matching, replacing the phase shifter, amplitude controller (attenuator etc.), and impedance tuner components by a single component. As a result, the total cost and system complexity can be reduced significantly
The researcher is interested in licensing the technology.

### Advantages and Innovations

The invention performs phase shifting, amplitude control, and impedance matching simultaneously These three different functions have place in the one component, it can be fabricated with low cost in several different technologies, it can be fabricated with several state-of-the-art fabrication technologies.

### Stage of Development

Under development/lab tested

### IPR Status

Patent(s) applied for but not yet granted

**Comment Regarding IPR status**

Granted in Japan, Germany, Belgium, Finland, France, England, Sweden, Sweden, Italy, Russia, Turkey.

**Profile Origin**

Private (in-house) research

## Keywords

**Technology**

| | |
|---|---|
| 01002001 | Micro and Nanotechnology related to Electronics and Microelectronics |
| 01002005 | High Frequency Technology, Microwaves |
| 01006002 | Broadband Technologies |
| 01006003 | Mobile Communications |
| 01006008 | Satellite Technology/Positioning/Communication in GPS |

**Market**

| | |
|---|---|
| 03001001 | Semiconductors |
| 03001005 | Microprocessors |

**NACE**

| | |
|---|---|
| M.72.1.9 | Other research and experimental development on natural sciences and engineering |

## Open for EOI : Yes

## Client

**Type and Size of Organisation Behind the Profile**

University

**Year Established**

0

**Already Engaged in Trans-National Cooperation**

No.

**Languages Spoken**

English

**Client Country**

Turkey

## Partner Sought

### Type and Role of Partner Sought

The researcher is looking for potential licenses mainly in defence & security. Licensing agreement is the top priority.

### Type and Size of Partner Sought

>500 MNE,251-500,>500

### Type of Partnership Considered

License agreement

## Attachments