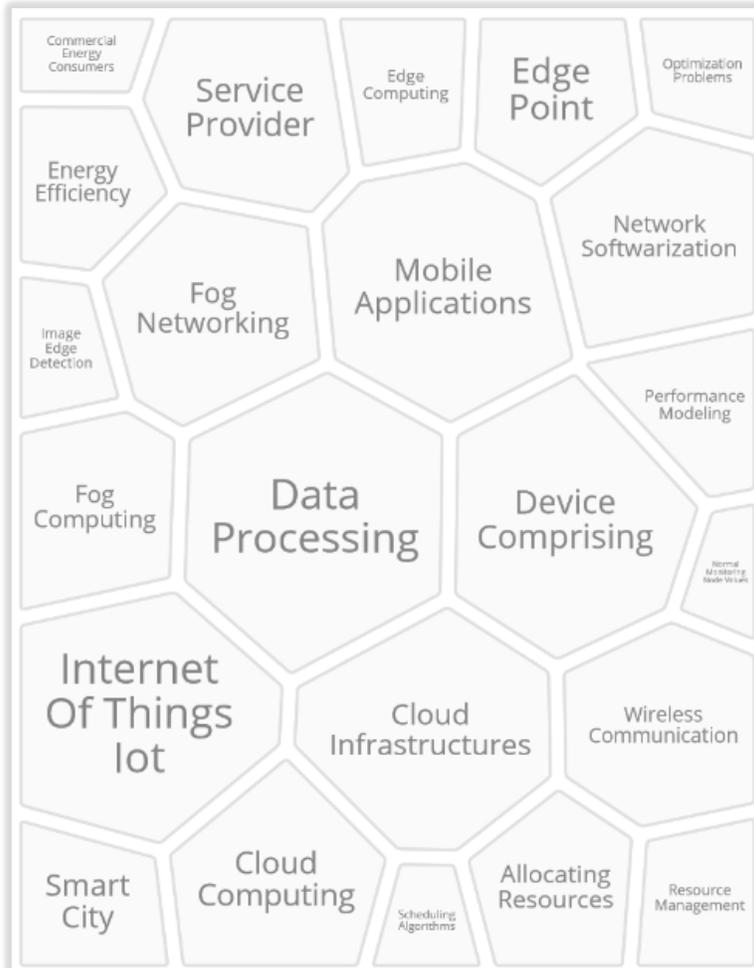# EZASSi™

Technology to innovate *faster.*

# Empowered Edge – Cloud-toEdge
## Big Data Scouting Snapshot Report

**EZASSi**
Technology to innovate *faster.*

# Suggested Technology, Categories & Public Funding

Commercial Energy Consumers

Service Provider

Edge Computing

Edge Point

Optimization Problems

Energy Efficiency

Network Softwarization

Image Edge Detection

Fog Networking

Mobile Applications

Fog Computing

Data Processing

Device Comprising

Normal Accelerating Mode Vehicles

Internet Of Things Iot

Cloud Infrastructures

Wireless Communication

Performance Modeling

Smart City

Cloud Computing

Scheduling Algorithms

Allocating Resources

Resource Management

## Source Type

| | | |
|---|---|---|
| ☐ Conferences | 549 | 549 |
| ☐ Publications | 505 | 505 |
| ☐ Grants | 90 | 90 |
| ☐ Patents | 131 | 131 |
| ☐ Trademarks | 30 | 30 |
| ☐ News | 4,857 | 4,857 |
| ☐ Web Monitoring | 0 | 0 |

[No Title]

## Organization Type

| | | |
|---|---|---|
| ☐ Corporations | 921 | 921 |
| ☐ Small Companies | 7,552 | 7,552 |
| ☐ Universities | 870 | 870 |
| ☐ Research Labs | 665 | 665 |

## Organization Location

| | | |
|---|---|---|
| ☐ United States | 2,965 | 2,965 |
| ☐ United Kingdom | 402 | 402 |
| ☐ China | 373 | 373 |
| ☐ Germany | 269 | 269 |
| ☐ India | 245 | 245 |
| ⊞ Add | | |

## Public Funding (Grants)

Total  Europe  U.S.  National
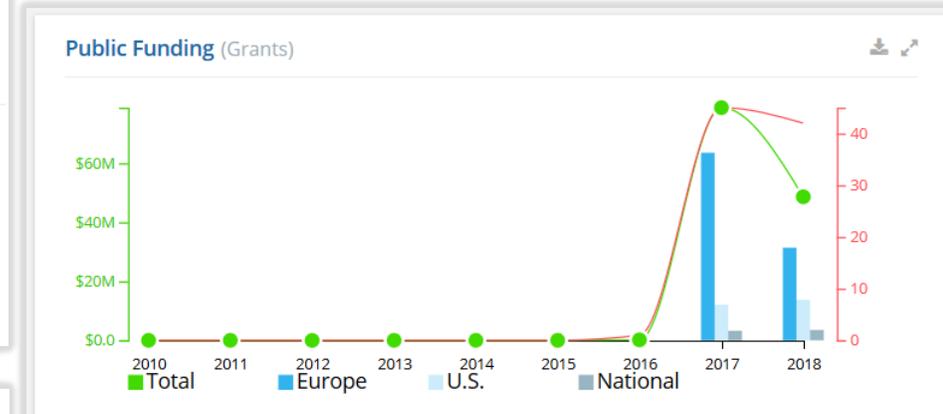
# Key Players

- Vituosys Ltd
- Cradlepoint
- The Digital
- Ping An Technology
- HPE
- Mapr
- Computex
- World Congress
- Rise Education
- Virtuosys Ltd

## Tech Landscaping Organization Grid
### Emerging technology data weighted by source.

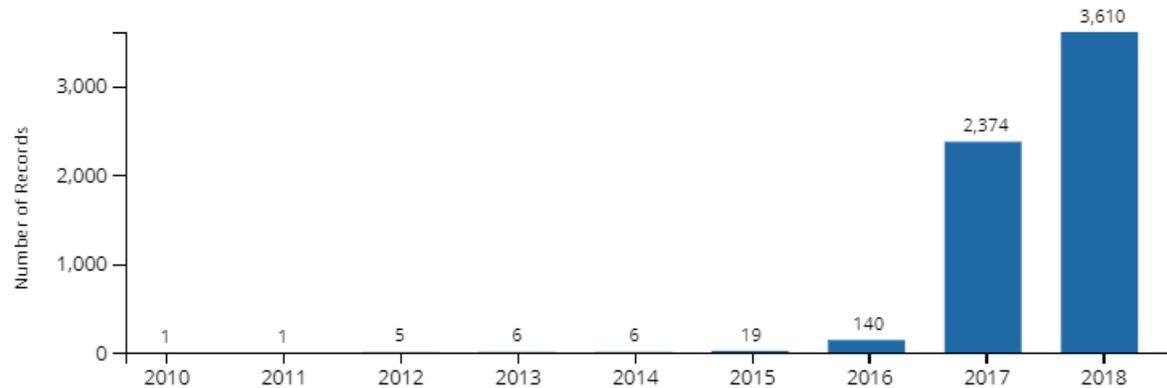| Name | Score | Publications | Conferences | Grants | Patents | Trademarks | News | Webs |
|------|-------|--------------|-------------|--------|---------|------------|------|------|
| Vituosys Ltd | 179.4 | - | - | - | 3 | - | - | - |
| Cradlepoint | 58.2 | - | - | - | - | - | 20 | - |
| The Digital | 50.6 | - | - | - | - | - | 27 | - |
| Ping An Technology | 46.1 | - | - | - | - | - | 18 | - |
| HPE | 40.9 | - | - | - | - | - | 47 | - |
| Mapr | 32.2 | - | - | - | - | - | 14 | - |
| Computex | 23.5 | - | - | - | - | - | 12 | - |
| World Congress | 22.7 | - | - | - | - | - | 23 | - |
| Rise Education | 21.8 | - | - | - | - | - | 1 | - |
| Virtuosys Ltd | 21.4 | - | - | - | 3 | - | 1 | - |
| Kata Containers | 19.9 | - | - | - | - | - | 9 | - |
| NXP NL | 18.8 | - | - | - | - | - | 19 | - |
| Wind Tre Spa | 18.1 | - | - | 3 | - | - | - | - |
| Apvlab Llc | 16.9 | - | - | - | 1 | - | - | - |
| Azure Stack | 16.6 | - | - | - | - | - | 20 | - |
| Arundo Analytics | 16.3 | - | - | - | - | - | 12 | - |
| Patton Electronics Company | 16.1 | - | - | - | - | - | 4 | - |

# Competitive Comparison by Technology Topic

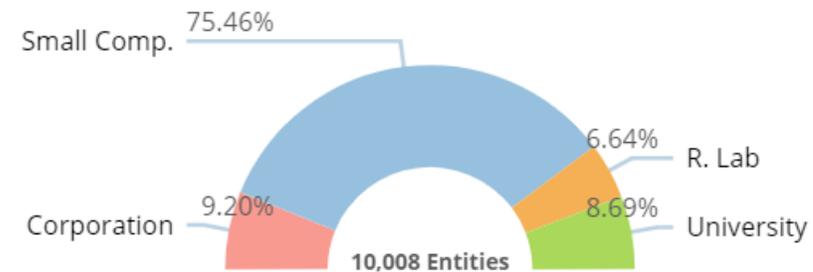# Topic Evolution, Source/Entity Distribution

## Topic Evolution By Year



Number of Records by year:
- 2010: 1
- 2011: 1
- 2012: 5
- 2013: 6
- 2014: 6
- 2015: 19
- 2016: 140
- 2017: 2,374
- 2018: 3,610

## Data Source Distribution



- Trademarks: 0.49%
- Patents: 2.13%
- Publications: 8.20%
- Conferences: 8.91%
- Grants: 1.46%
- News: 78.82%

**6,162 Documents**

## Entity Distribution



- Small Comp.: 75.46%
- R. Lab: 6.64%
- University: 8.69%
- Corporation: 9.20%

**10,008 Entities**
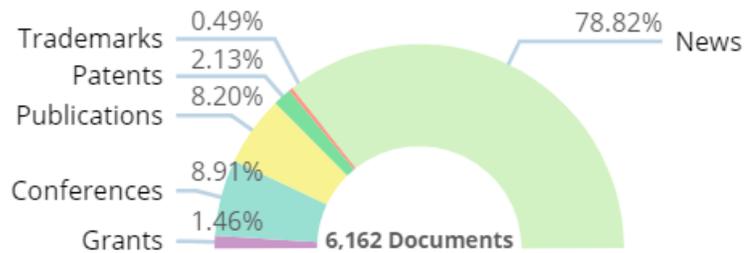
# Related Trending Technology Topics

## Topic Trends Evolution over time, click a trend and add it to your query

**Legend (top to bottom):**
- Scalable Robotics Tasks
- Edge Computing
- Cloud Computing
- Distributed Modeling
- Device Comprises
- Managing Resources
- Network Security
- Wireless Networks
- Distributed Architecture
- Cloud Performance
- Things Data
- Distributed Applications
- Mobile Distributed
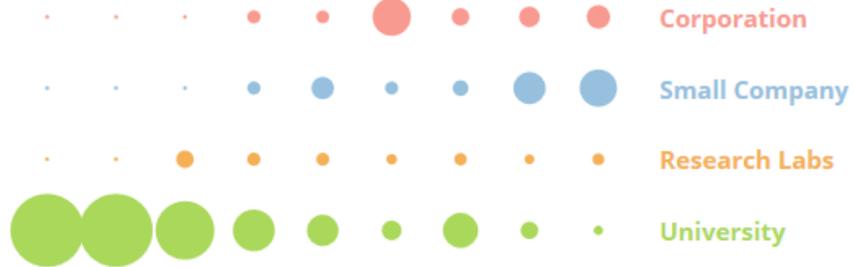- Internet Of Things Iot
- Distributed Service

Topic Size
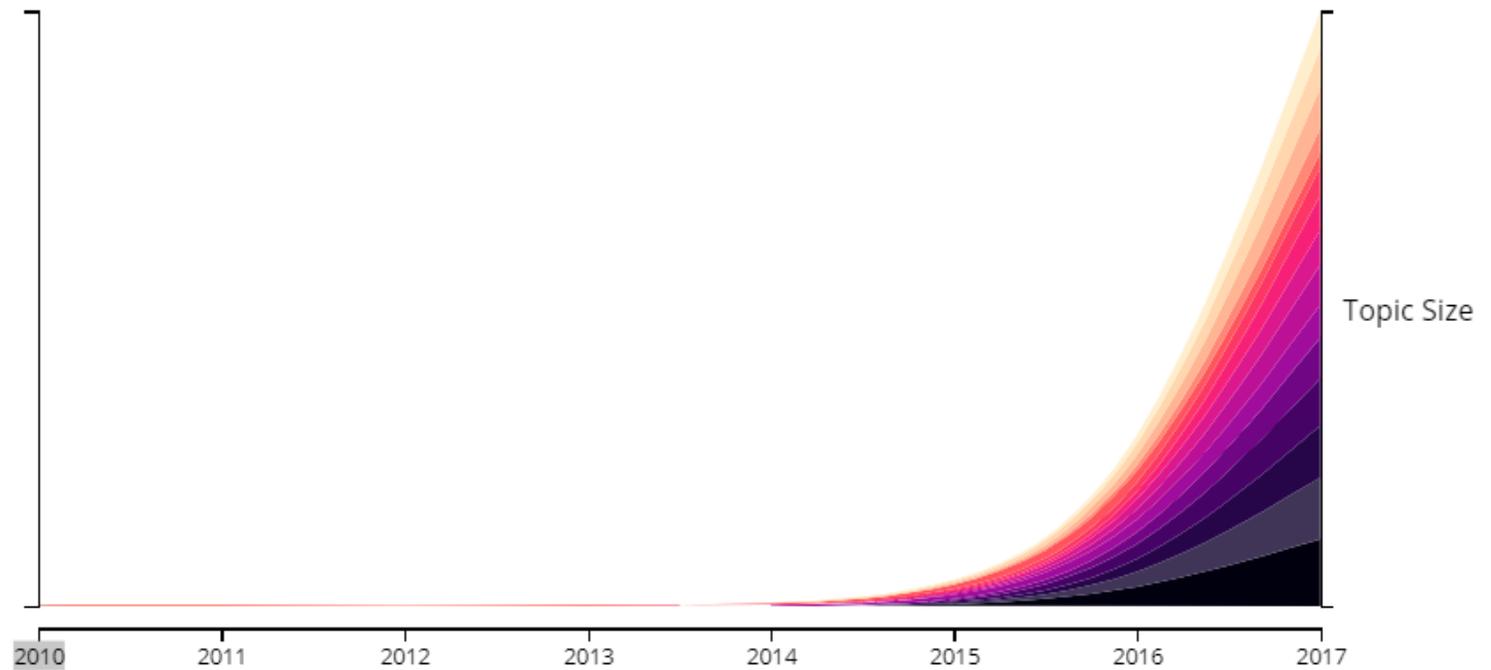
2010  2011  2012  2013  2014  2015  2016  2017
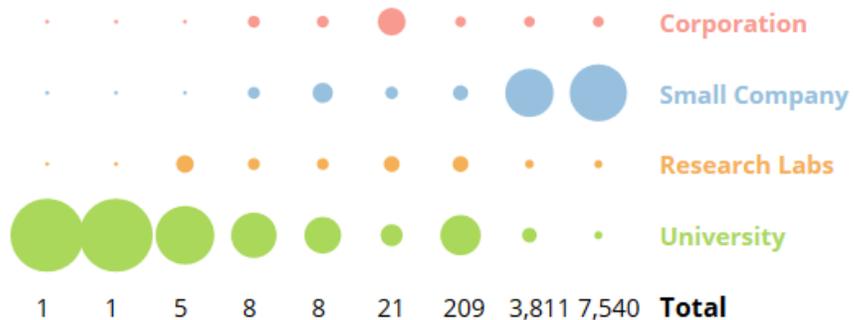
# Patent Insight
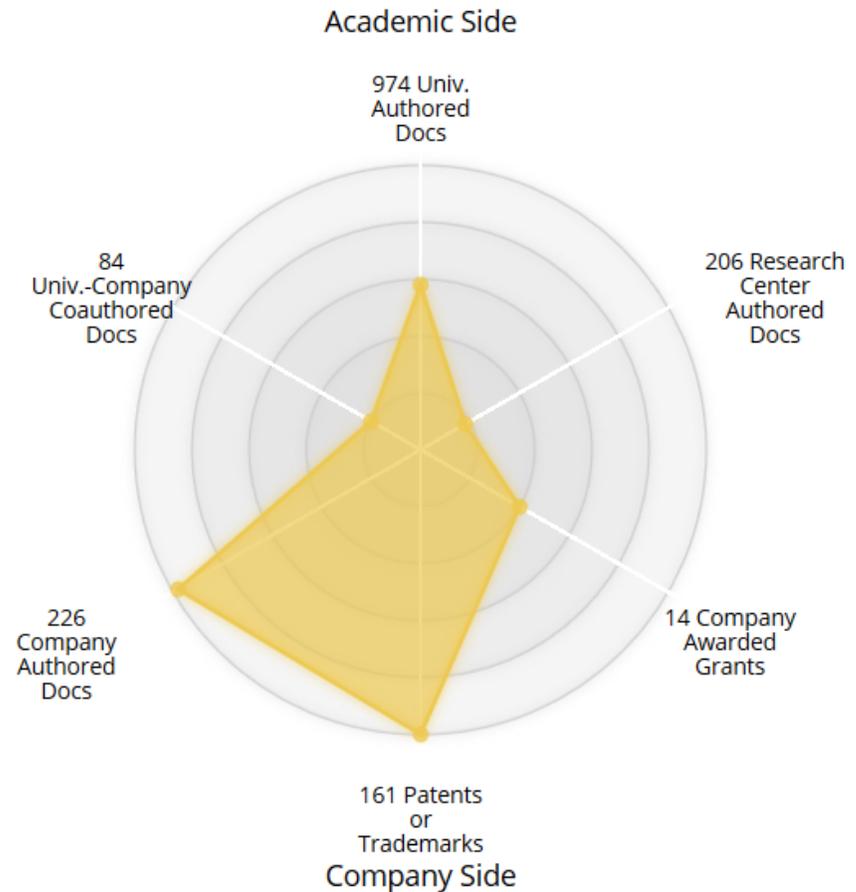
- 131 related patents

**Patent Snapshot**

---

### Hierarchical Split Of Application Between **Cloud** And **Edge**

Patent

Microsoft | Date: 2017-10-13

The disclosed technology is generally directed **to** communications in an IoT environment. In one example of the technology, a plurality of module twins that respectively correspond **to** a plurality of modules of **edge** applications on a plurality of **edge** devices are stored. The plurality of module twins individually include metadata associated with the corresponding module of the plurality of modules. A plurality of services is executed, such that the services of the

---

### Visualization And Evaluation Of Capabilities And Compliance For Information Technology Platforms

Patent

Ibm | Date: 2017-05-04

A system, method and program product for evaluating IT platforms such as hybrid **clouds** and **edge** platforms. A system is disclosed that includes an ingestion engine that utilizes natural language processing **to** capture capabilities associated with a set of platforms; a modeling system for storing capabilities in a structured model that includes a set of IT categories and a set of IT features in each IT category; an analysis system that generates a compliance analysis

---

### A Method For Predicting The Engagement Level Of A User Of A User Device, A Related Engagement Prediction Device And User Device

Patent

Alcatel - Lucent | Date: 2018-02-21

The present invention relates **to** a method, system and related devices for predicting the engagement level of a user of a user device, said user device receiving content for presentation at said user device, wherein said method comprises the steps of capturing at least one context of said user of said user device and capturing at least one context of the environment of said user of said user device, predicting a level of user engagement by processing at least

---

### **Edge** Server, Encryption Communication Control Method Thereof, And Terminal

Patent

Fujitsu Limited | Date: 2017-09-25

An **edge** server disposed on an **edge** of a **cloud** network, includes: a processor, wherein when encryption key information relating **to** a terminal which

# EZASSi™

*Technology to innovate faster.*

**FIND US**

822 A1A North, Suite 104
Ponte Vedra Beach, FL 32082
USA

+1 904.432.8315
info@ezassi.com

@EzassiTM

EzassiTM

Ezassi

www.ezassi.com