

IoT Academy Introduction

Dr. Farzad Ebrahimi
CEO & Founder

November 2023



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ebrahimi@iotacademy.ir

Farzad Ebrahimi

- CEO of IoT Academy (ITU Academia Member & ITU IoT Center of Excellence in Asia-Pacific)
- Faculty Member in ICT Research Institute
- International Internet of Things (IoT) Speaker & Lecturer
- International Telecommunication Union (ITU) Expert
- Chairman of The corresponding ISO/IEC JTC1 SC41 (Internet of Things and related technologies Standards) in Iran
- Chairman, Member of the founding board and the board of trustees of Non-Commercial Institute (as a NGO) of “Promoting the Internet of Things and data science” at national level.
- Doctor of Business Administration from the University of Tehran, MBA, M.Sc in Electrical Engineering- Telecommunication systems, B.Sc in Electrical Engineering- Electronics.

Other Records:

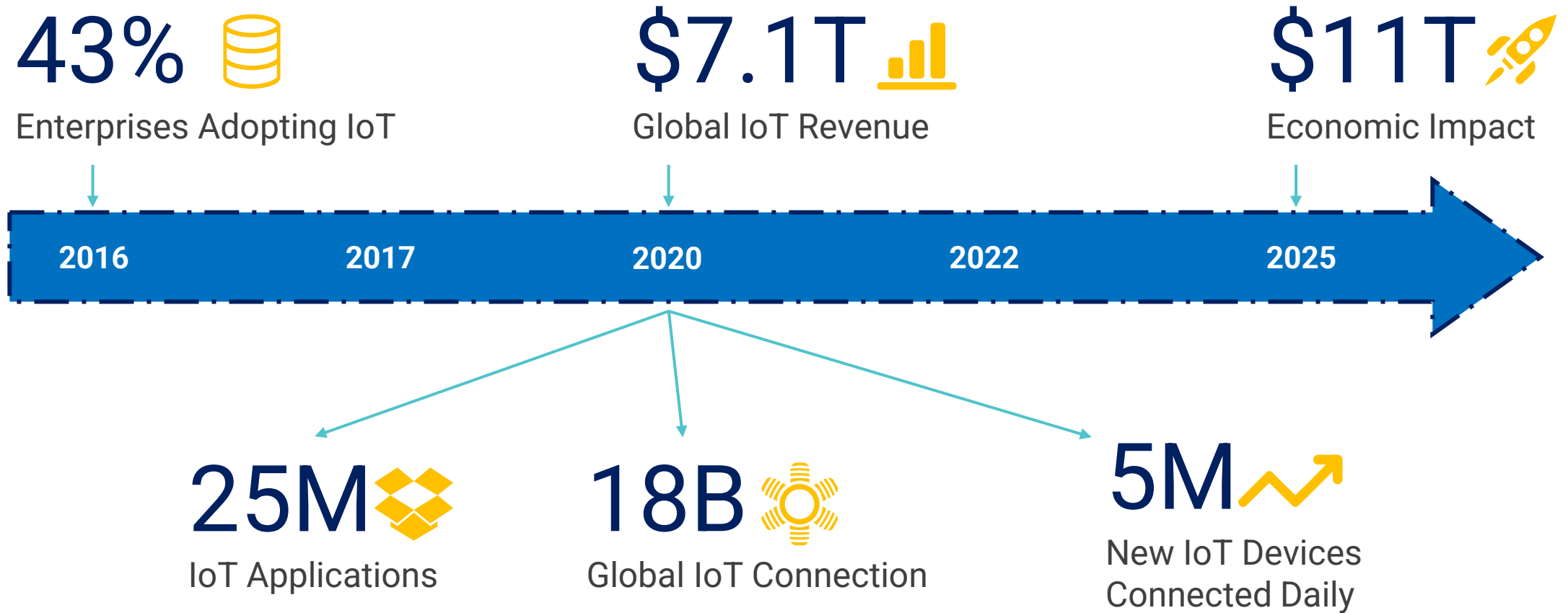
- Counselor of the Director of ICT Research Institute
- Superintendent of IT Faculty in Iran Telecom Research Center
- Deputy of IT Faculty in Iran Telecom Research Center
- Head of Multimedia Systems Research Group in Iran Telecom Research Center
- Project Manager, Consultant and Observer of more than 50 Regional and National ICT related Projects.

What is Internet of Things (IoT) ?



The International Telecommunications Union (ITU) defines IoT as follows: “The IoT can be viewed as a global infrastructure for the information society, enabling advanced services by interconnecting (physical and virtual) things based on existing and evolving interoperable information and communication technologies (ICT)” (Source: Recommendation ITU-T Y.2060).

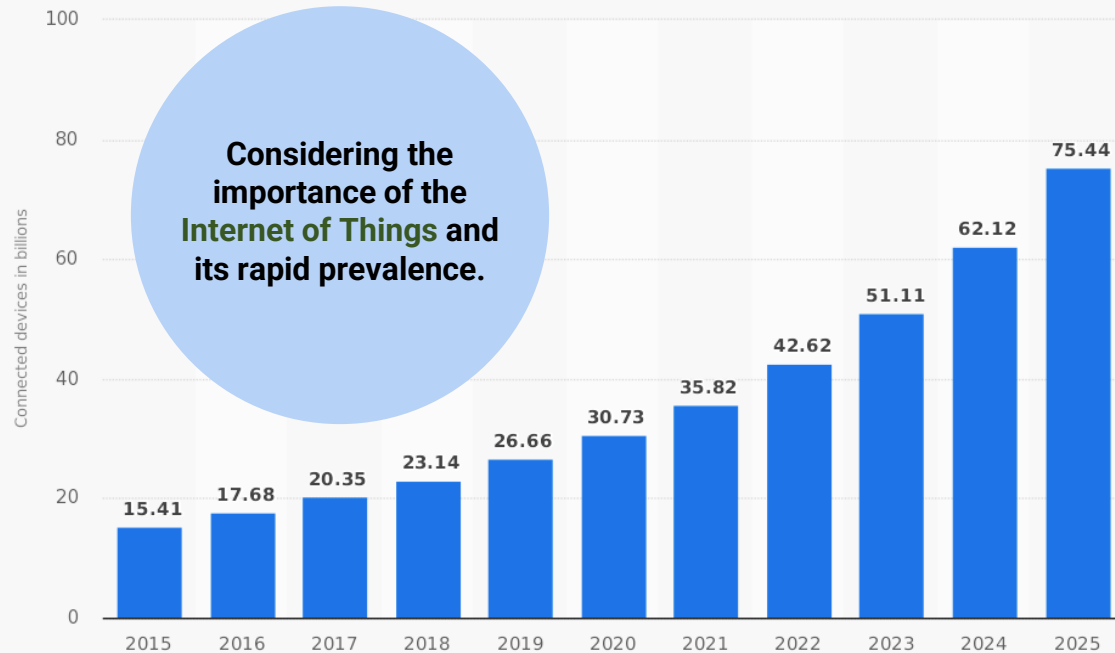
Towards an IoT Dominated World



Source: Gartner, Ericsson, IDC, McKinsey, AT Kearney

What is Internet of Things (IoT) ?

Internet of Things (IoT) connected devices installed base worldwide from 2015 to 2025 (in billions)

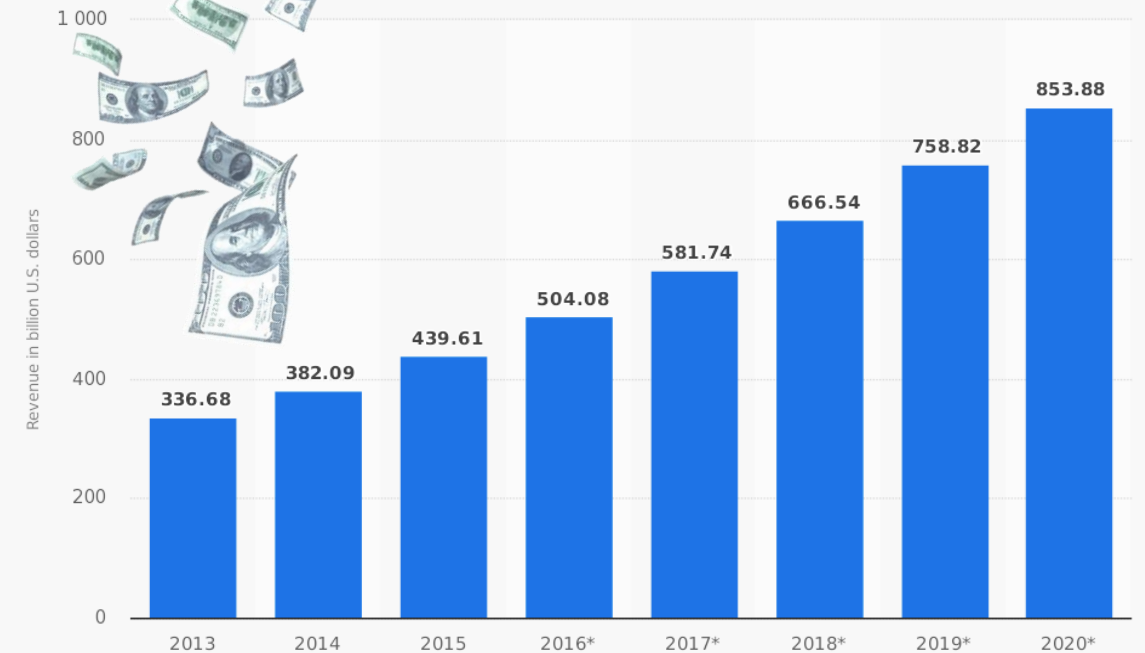


Source:
IHS
© Statista 2018

Additional Information:
Worldwide; IHS; 2015 to 2016

statista

Revenue of the Internet of Things in Asia/Pacific from 2013 to 2020 (in billion U.S. dollars)



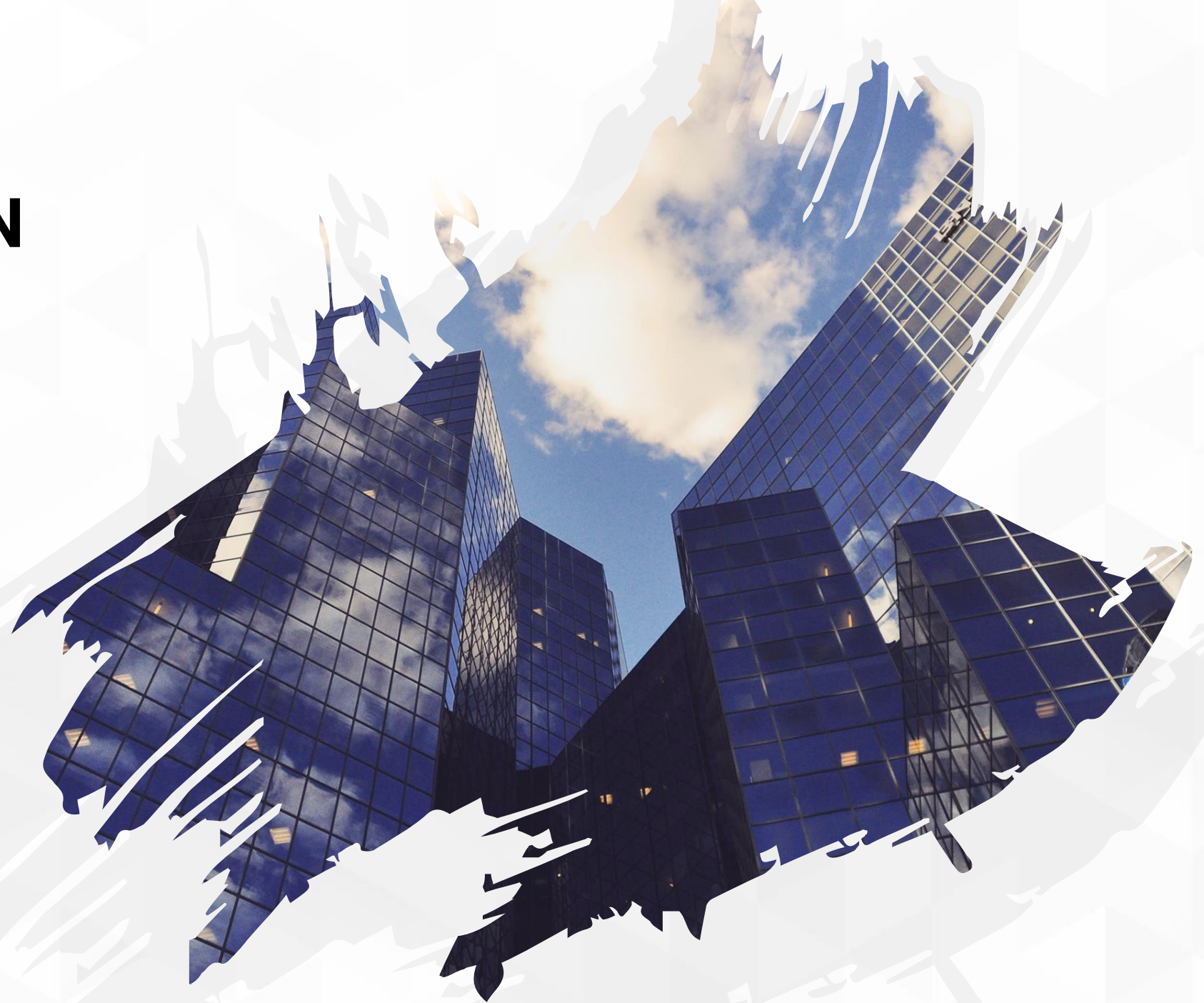
Source:
IDC
© Statista 2018

Additional Information:
APAC; IDC; 2013 to 2015

statista

INTRODUCTION

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VISION :

**"Internet of Things Products and Solutions for Unique Living
of World People"**

MISSION :

**"Increasing Citizen Awareness and Empowering Human
Resources, Organizations and Industries in the field of
Internet of Things and Related Technologies"**



International Telecommunication Union (ITU) Academia Member

Szechenyi Istvan University, Győr

INDIA

Centre for Development of Telematics, NEW DELHI

Indian Council for Research on Int'l Economic Relations (ICRIER), NEW DELHI

Indian Institute of Management Kashipur, Kashipur, Uttarakhand

Indian Institute of Science, Bangalore

Indian Institute of Technology Hyderabad, Sangareddy, Telangana

Indian Institute of Technology Madras, Chennai

National Law University Delhi, NEW DELHI

Telecom Centres of Excellence (TCOE) India, NEW DELHI

Visvesvaraya National Institute of Technology (VNIT) Nagpur, Nagpur

IRAN (ISLAMIC REPUBLIC OF)

Amirkabir University of Technology, Tehran

Faculty of Applied Science of Post and Telecommunication, TEHRAN

ICT Research Institute, TEHRAN

IoT Academy, Tehran

Iran University of Science & Technology, NARMAK, TEHRAN

Tarbiat Modares University, Tehran

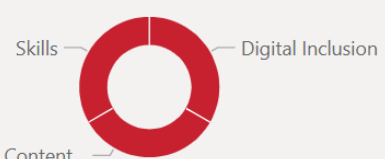
University of Tehran, Tehran

ITALY

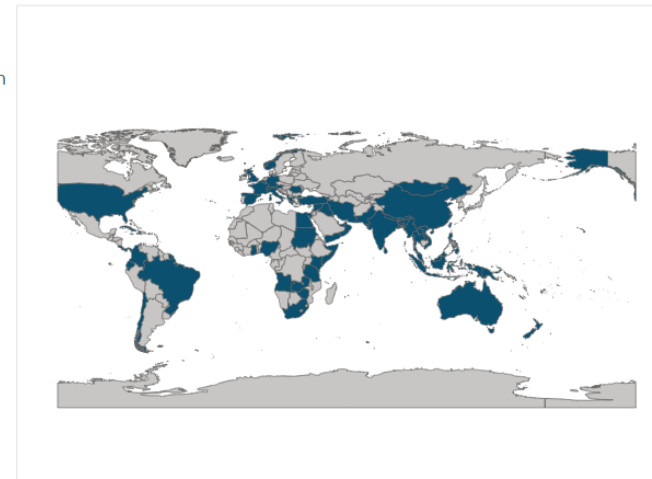


Ref: https://www.itu.int/online/mm/scripts/gensel11?_memb=U

International Telecommunication Union (ITU) Business Partner

<p>Back to pledges</p> <p>Name of pledge Empowering and raising awareness of citizens from the perspective of digital transformation and the fifth industrial revolution</p> <p>Entity IoT Academy</p> <p>Location Iran (Islamic Republic of), Asia & the Pacific</p>	<p>\$1M</p> <p>Estimated financial value (USD)</p>	<p>1.00M</p> <p>Estimated number of people impacted</p>	<p>Programmatic</p> <p>Pledge type</p>	<p>Single</p> <p>Pledge</p>
	<p>Focus Areas</p> 		<p>Target groups</p> <ul style="list-style-type: none"> Children Indigenous peoples Older persons Other Persons with disabilities Women 	<p>7/1/2022</p> <p>Start</p> <p>7/1/2027</p> <p>End</p>

IoT Academy will provide international training courses, events and digital contents around the IoT and related technologies, smart cities, industry4.0, industry 5.0, and digital transformation for realizing the increasing citizen awareness, empowering HR & organizations, and research, and development. IoT Academy will empower human resources through its skill-based training program.



Source: UN, 2018

6/15/2022 1:05:21 PM

2023 World IoT Top 500 Summit

For **five consecutive years**, IoT Academy has been ranked among the top 500 IoT companies in the world. In the latest ranking, the IoT Academy has achieved a position among the top 250 global IoT companies for the fifth consecutive year.

Ref: <http://www.wiotc.org/en/news/344.html>

2023 WIOTRL Bronze List Top 100

2023 世界物联网排行榜·铜榜100强

No.	Country/国家	Company Name/单位名称
1	Germany/德国	Arineo 雅美奥
2	China/中国	China Logistics 中国物流集团
3	USA/美国	GM 通用汽车
4	China/中国	Nokia Shanghai Bell 上海诺基亚贝尔
5	China/中国	PATEO 摩泰车联网
6	Japan/日本	Honda 本田
7	Brazil/巴西	Telefonica Brasil 巴西电信
8	China/中国	Gosuncn 高新兴
9	Russia/俄罗斯	GS GROUP
10	China/中国	hualu 中国华录集团
11	USA/美国	Ford 福特
12	UK/英国	AstraZeneca 阿斯利康
13	Germany/德国	Auvesy
14	Australia/澳大利亚	Myriota
15	USA/美国	Rackspace
16	Japan/日本	Seiko Epson 精工爱普生
17	France/法国	Flowbird 飞鸟
18	USA/美国	Sensata 森萨塔
19	UK/英国	GSK 葛兰素史克
20	Iran/伊朗	Hooshmand Robotic Ayandeh

No.	Country/国家	Company Name/单位名称
21	China/中国	Fii 工业互联
22	China/中国	CIC 中国智能交通系统
23	China/中国	Dongfeng 东风汽车
24	UK/英国	CMR Surgical 希美安
25	UAE/阿联酋	Evrything
26	Sweden/瑞典	Ericsson 爱立信
27	China/中国	Tsinghua Unigroup 紫光集团
28	USA/美国	360Zebra 斑马物联网
29	France/法国	Coyote System 科约特系统
30	Japan/日本	Denso 电装
31	South Korea/韩国	Nethom
32	Austria/奥地利	AVL 李斯特
33	Spain/西班牙	repsol
34	Sweden/瑞典	Hexagon 海克斯康
35	USA/美国	Vicarious Systems
36	Japan/日本	Canon 佳能
37	Germany/德国	HENSOLDT
38	South Korea/韩国	Handysoft
39	Japan/日本	Murata 村田
40	Saudi/沙特	aramco 沙特阿美

No.	Country/国家	Company Name/单位名称
41	Iran/伊朗	IoT Academy
42	USA/美国	Microchip 微芯科技
43	Canada/加拿大	Transoft Solutions
44	Hungary/匈牙利	EPS Connect
45	China/中国	Sysware 索为系统
46	Austria/奥地利	tttech auto
47	Australia/澳大利亚	Nordic Semiconductor
48	Norway/挪威	Kongsberg Gruppen
49	France/法国	Inno Tsd
50	Iran/伊朗	Javidan Tajhiz Taban
51	Spain/西班牙	Cellnex Telecom
52	Canada/加拿大	Rogers 罗杰斯
53	Australia/澳大利亚	Telstra 澳大利亚电信
54	China/中国	Hollysys 和利时
55	China/中国	Qinchuan Iot 秦川物联网
56	France/法国	Collectis
57	China/中国	Lierda 利尔达
58	Israel/以色列	Habana Labs
59	China/中国	DC Holdings 神州控股
60	Austria/奥地利	FerRobotics 菲洛博迪机器人

No.	Country/国家	Company Name/单位名称
61	Israel/以色列	Hailo Technologies
62	USA/美国	Ayla Networks 艾拉物联网
63	China/中国	CHERY 奇瑞汽车
64	China/中国	Horizon Robotics 地平线
65	China/中国	Hanwei 汉威科技
66	UK/英国	Pick Protection
67	France/法国	ADAXIS 阿达克西斯
68	Philippines/菲律宾	Controtek Solutions
69	UAE/阿联酋	Du
70	UAE/阿联酋	Dubai Technologies 迪拜科技
71	China/中国	Unitech Electronics 精联电子
72	Argentina/阿根廷	Globant
73	China/中国	China Unicom Digital Technology 联通数科
74	USA/美国	Cybereason
75	Norway/挪威	Klaveness Digital
76	China/中国	Evoc 研祥
77	USA/美国	Mydevices
78	UK/英国	Graphcore
79	Ireland/爱尔兰	Wisar
80	China/中国	Wangsu 网宿

No.	Country/国家	Company Name/单位名称
81	Germany/德国	Festo 费斯托
82	Israel/以色列	Seebo
83	Russia/俄罗斯	Vega-Absolut
84	France/法国	Nimbits
85	Russia/俄罗斯	Sputnix
86	Poland/波兰	Kontakt.io
87	Spain/西班牙	Thethings.io
88	Russia/俄罗斯	WAVIoT
89	Canada/加拿大	kongsberg geospatial
90	South Korea/韩国	Barun Electronics
91	China/中国	Ubtech 优必选
92	China/中国	Terminus 特斯联
93	South Korea/韩国	Ajantech
94	Russia/俄罗斯	thingenix
95	Philippines/菲律宾	IoT Philippines
96	Belarus/白俄罗斯	Integral
97	Finland/芬兰	Wirepas
98	Canada/加拿大	TeraXion
99	UAE/阿联酋	Aramex 阿拉美
100	China/中国	Tuya 涂鸦智能

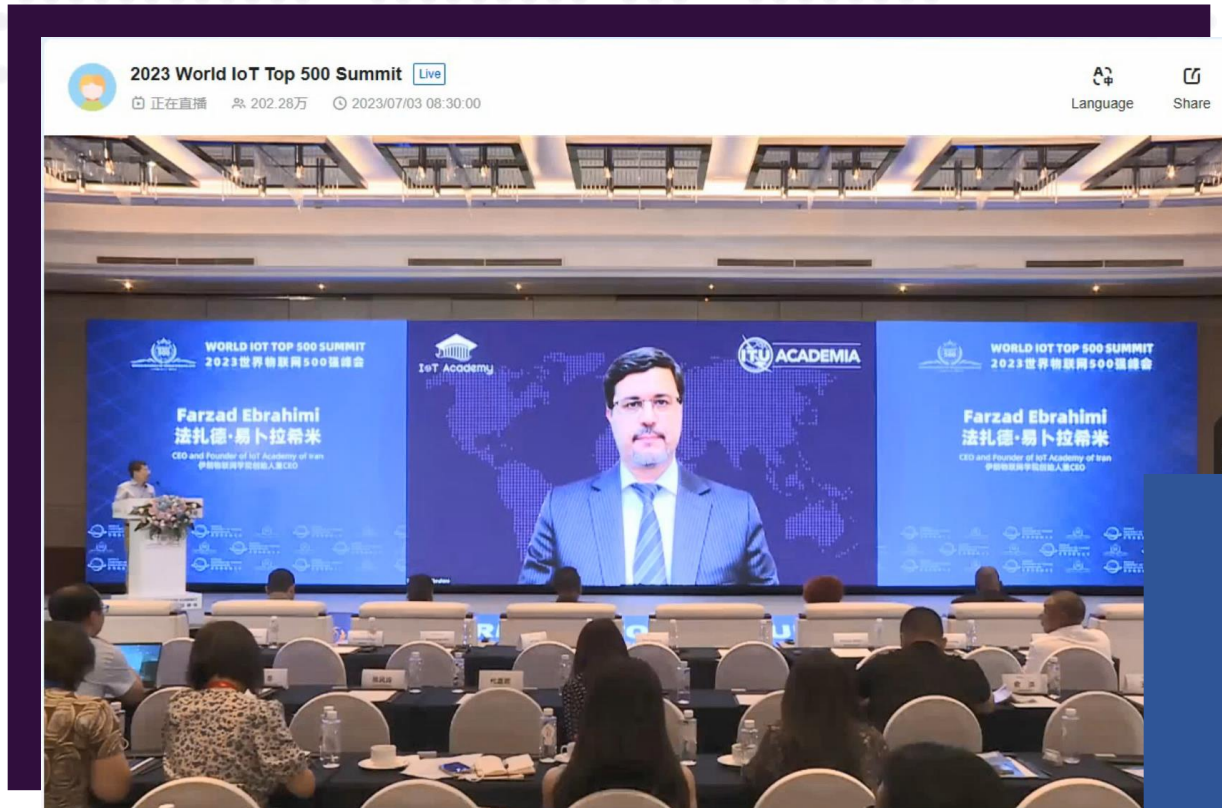


TOP 100
Bronze List
2023 WIOTRL



TOP 100
Bronze List
2023 WIOTRL

2023 World IoT Top 500 Summit



During the Multilateral Cooperation Forum at the 2023 World Internet of Things Convention (WIOTC), Dr. Farzad Ebrahimi, CEO, and founder of IoT Academy, delivered a thought-provoking speech on the interconnected economy. Dr. Ebrahimi highlighted the critical role played by countries and companies in shaping the market pattern of the digital economy and emphasized the main direction of the investment for multilateral cooperation. His insights shed light on the evolving landscape of the global economy and provided valuable guidance for policymakers and business leaders alike.

2020

2021

1.Huawei 2.IBM 3.China Mobile 4.Qualcomm 5.Intel 6.CASICloud 7.China Unicom 8.Rostelecom 9.Infineon 10.Nokia

1 Huawei 2 Microsoft 3 Qualcomm 4 China Mobile 5 China Telecom 6 Intel 7 Casicloud 8 China Unicom 9 Rostelecom 10 Vodafone

2022 世界物联网排行榜·铜榜200强



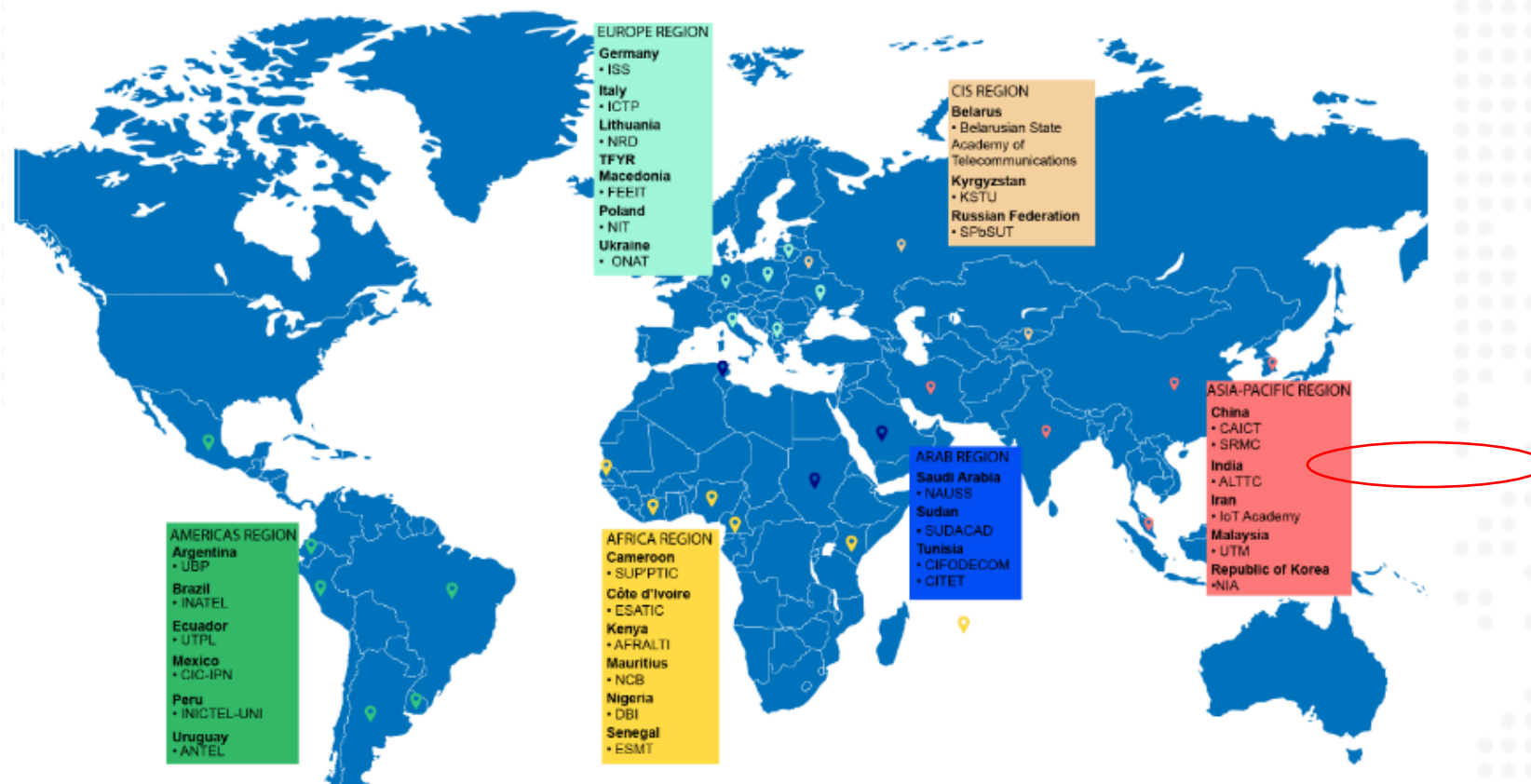
WIOT 500
WORLD INTERNET OF THINGS RANKING

TOP 10
Industry List
2022 WIOT

TOP 100
Industry List
2022 WIOTRI

TOP 100
Industry List
2022 WIOTRL

IoT Academy is ITU IoT Center of Excellence in Asia-Pacific for 2019-2022



Ref: <https://academy.itu.int/itu-d/projects-activities/centres-excellence/coe-cycles/coe-cycle-2019-2022>



IoT Academy
Asia & Pacific Region
Iran

**Chairman of The corresponding ISO/IEC JTC1 SC41
(Internet of Things and Related Technologies Standards) in Iran**

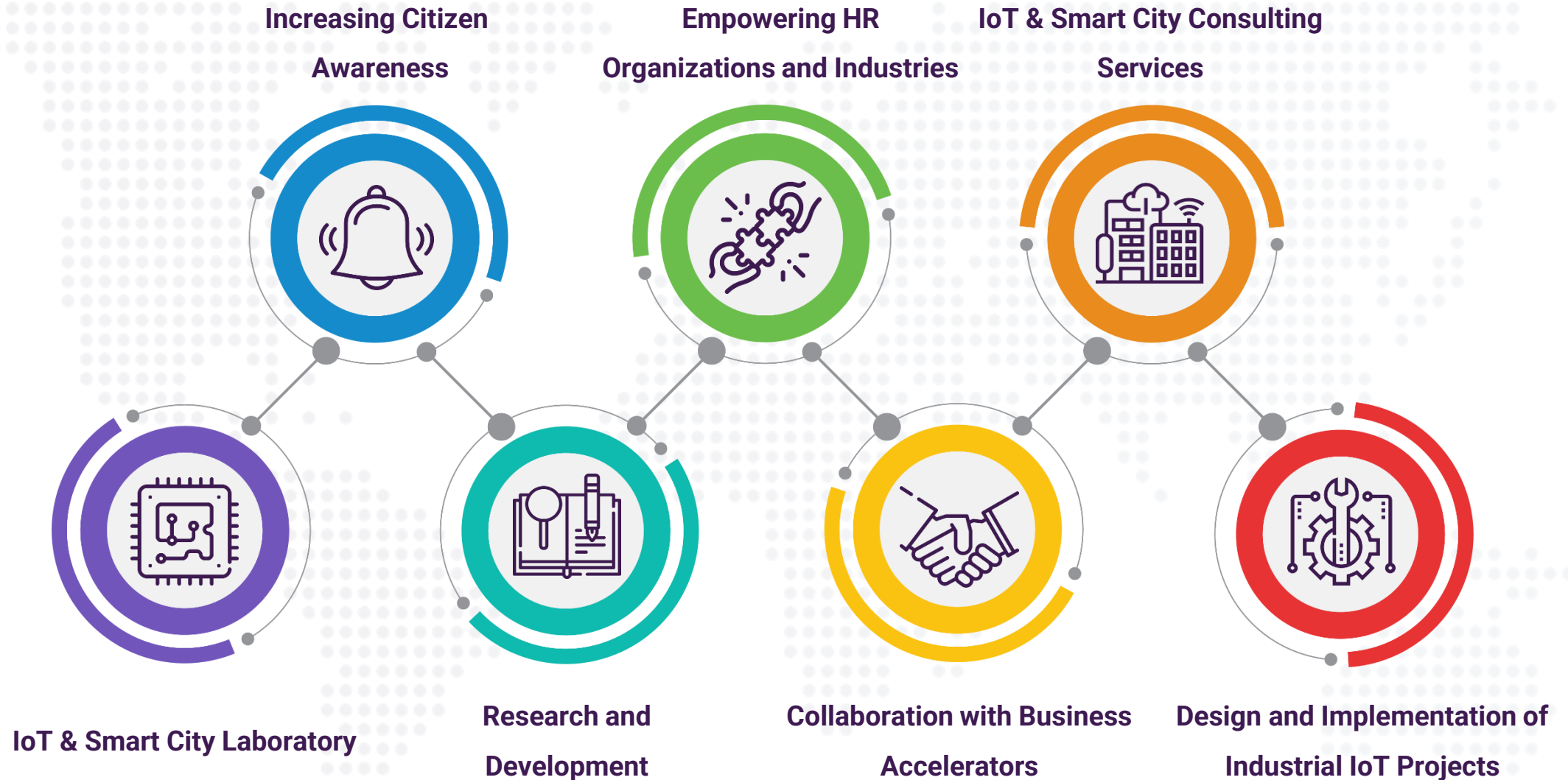


Activities and Services

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IoT Academy Activities and Services







IoT and the Oil & Gas Industry

The Industrial Internet of Things harnesses the power of big data to improve efficiencies, particularly in asset-intensive industries such as oil and gas. As more and more machinery becomes loaded up with sensors and connected to the internet, there are predictions that the IoT could slash costs.

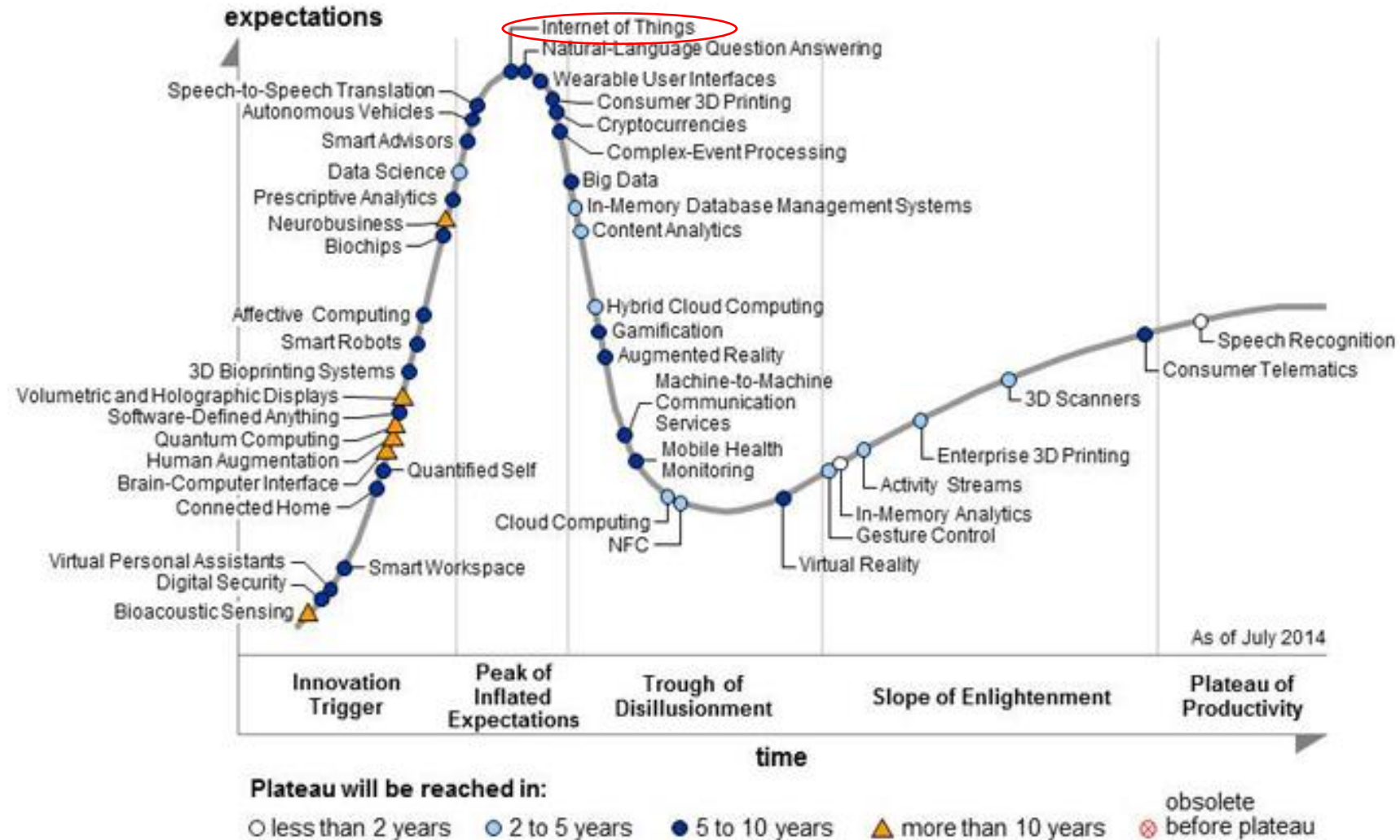
Ref: www.eniday.com

5 WAYS THE INDUSTRIAL INTERNET OF THINGS CAN REVOLUTIONIZE THE OIL AND GAS INDUSTRY

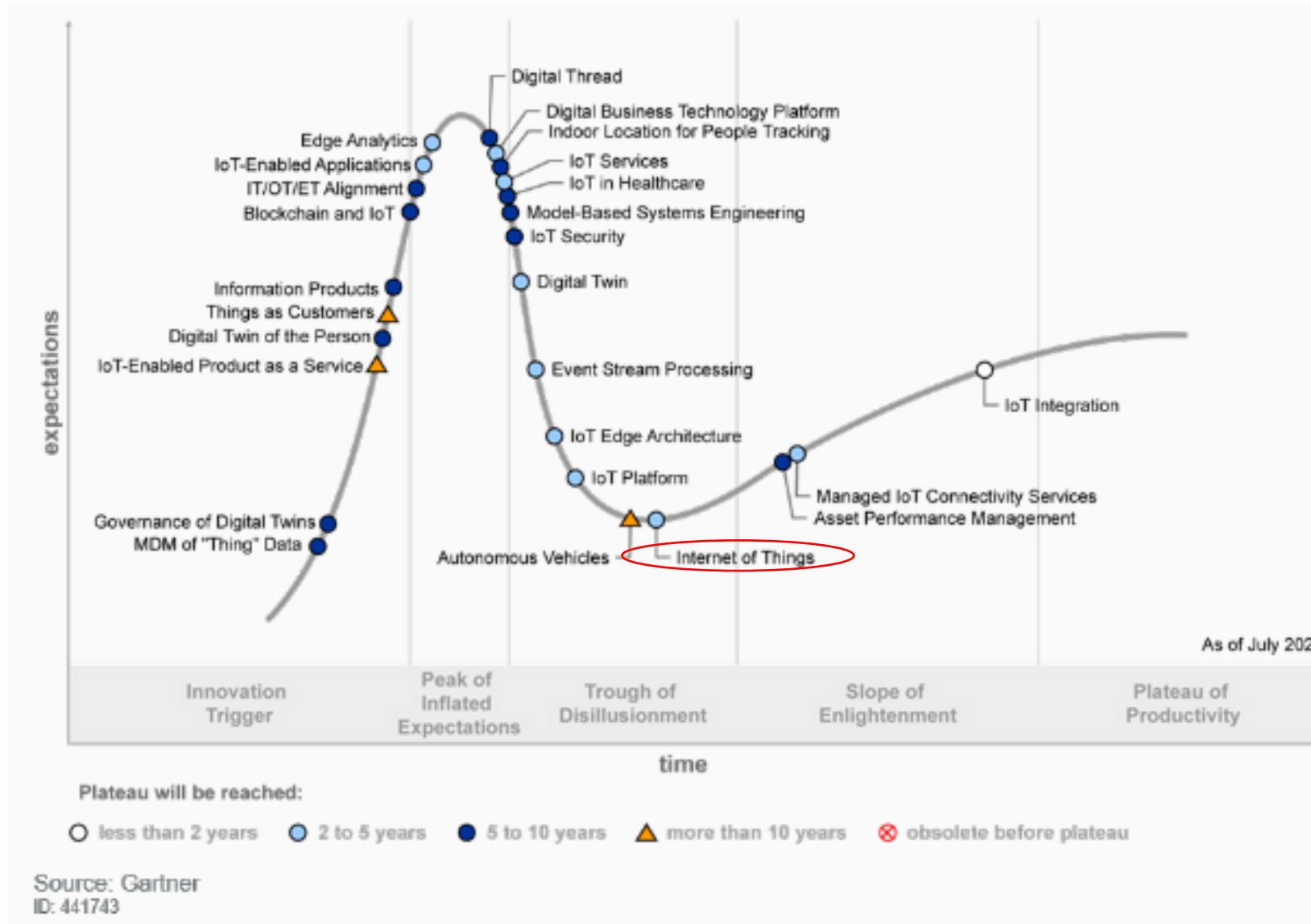
-  1) Improved Operational Efficiency
-  2) Revenue
-  3) Real-Time Data
-  4) Less Safety Risk
-  5) Environmental Footprint

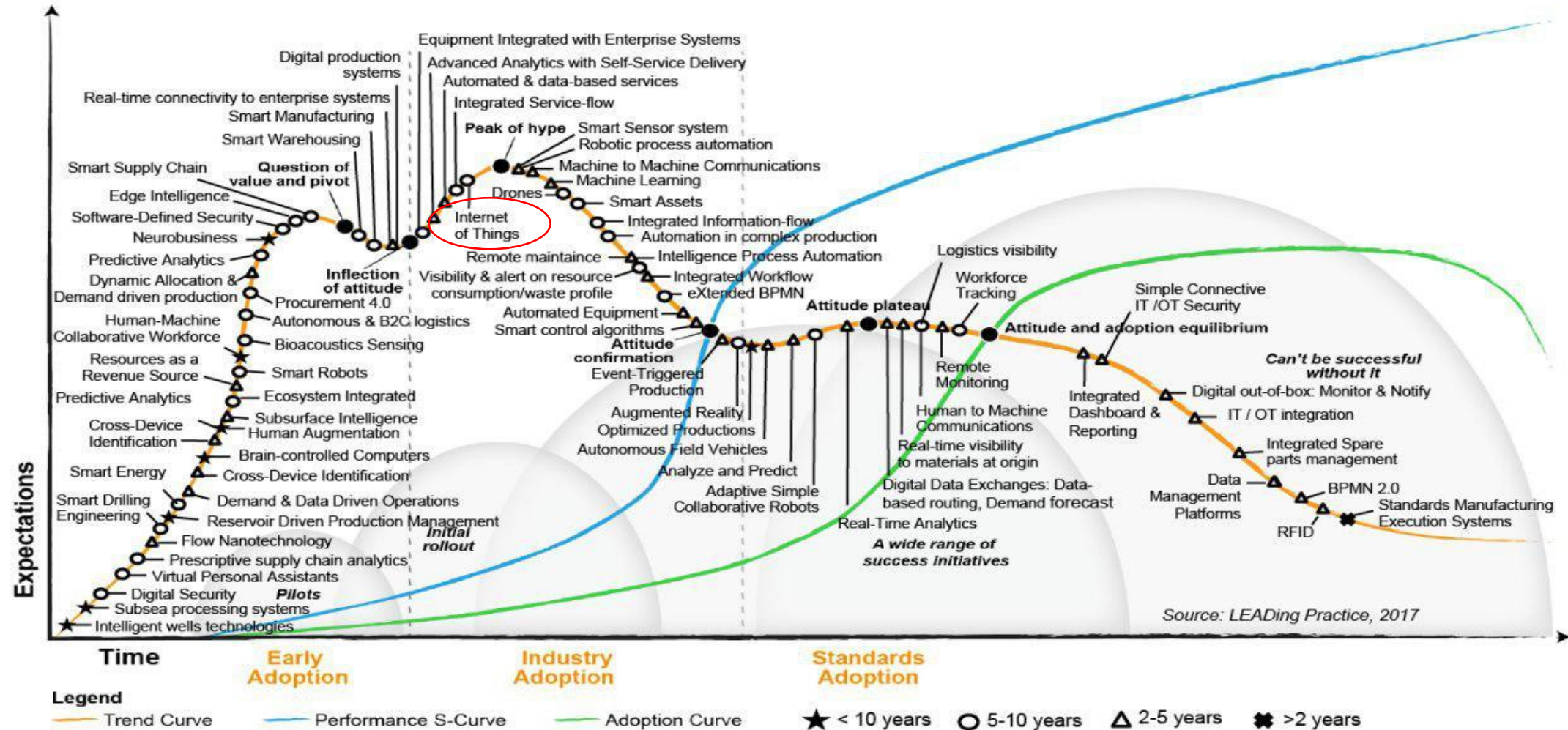
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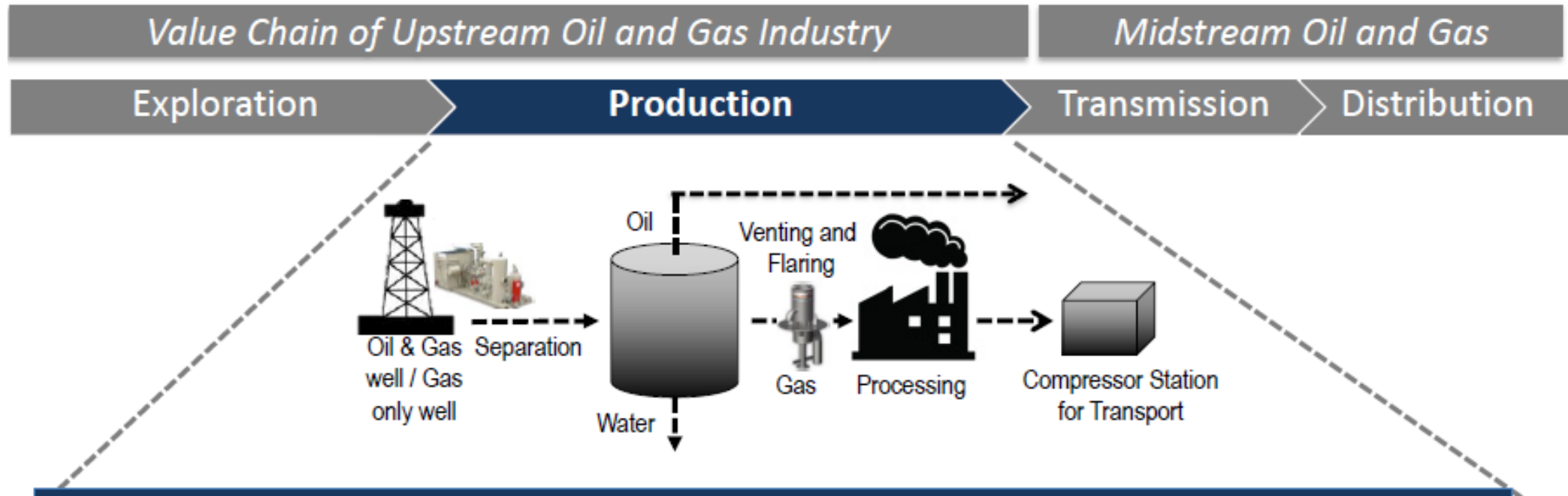
Hype Cycle for the Internet of Things, 2014



Hype Cycle for the Internet of Things, 2020







- **IoT offers the ability to help companies compete on cost by improving productivity:**
 - Enable predictive maintenance vs. preventative maintenance
 - Improve process flow achieved by monitoring changes in operating conditions
 - Increase productivity and reduce accident frequency with real time monitoring of assets

Key Drivers of Today's IoT Adoption

Cheaper Technology

- Sensors
- Processors



Better Infrastructure

- Cellular technology
- Mesh networks



Inexpensive Storage

- Cloud data storage
- Hardware costs



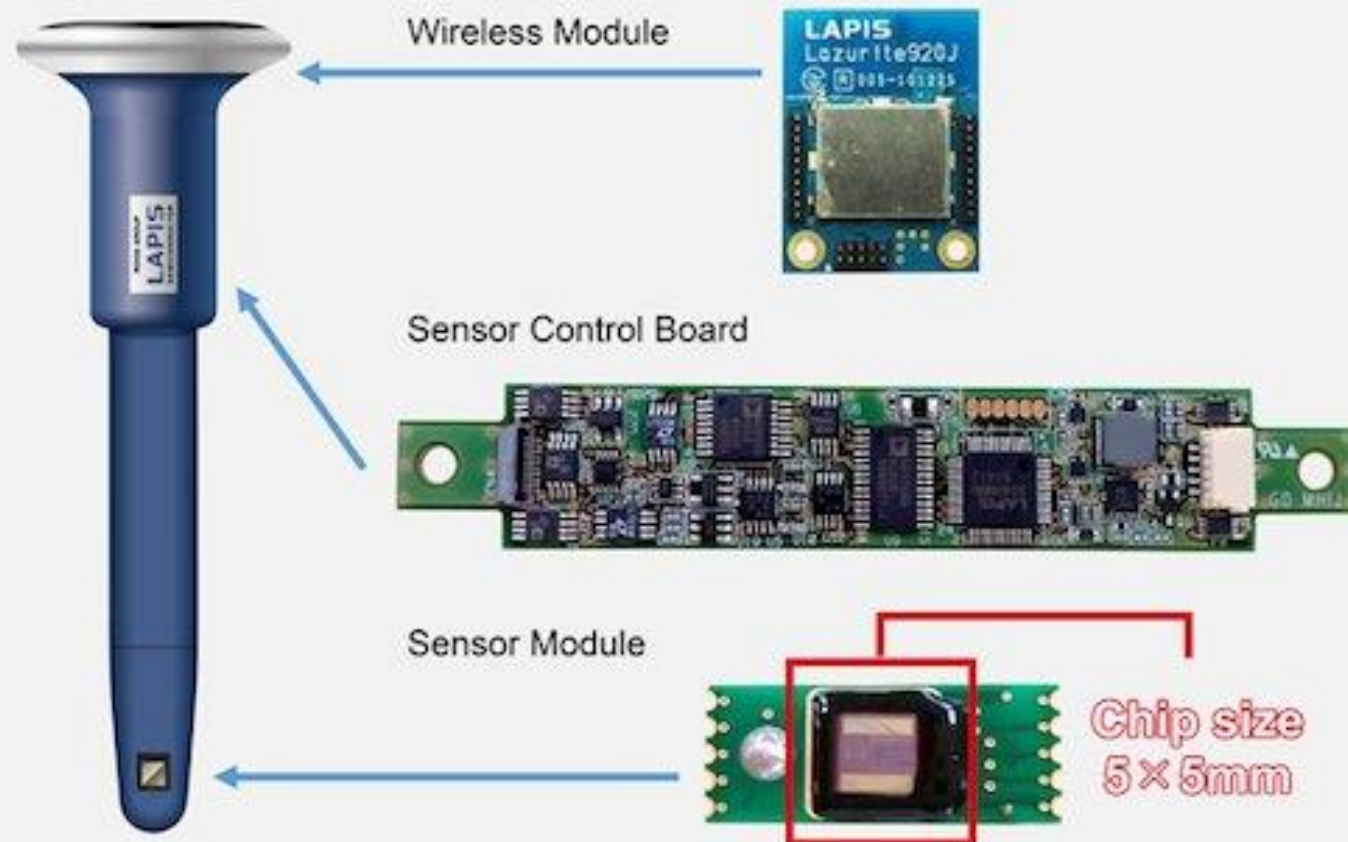
Big Data Analytics

- Hadoop, etc.
- 3rd party analytics

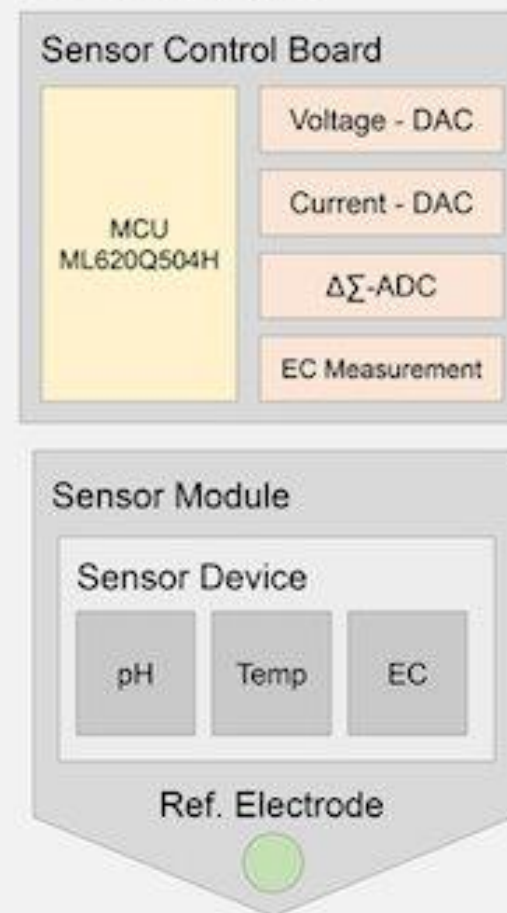


IoT Sensor Block Diagram

Compact Semiconductor-Based Design



Block Diagram



Harvard Business Review

HBR.ORG

NOVEMBER 2014
REPRINT R1411C

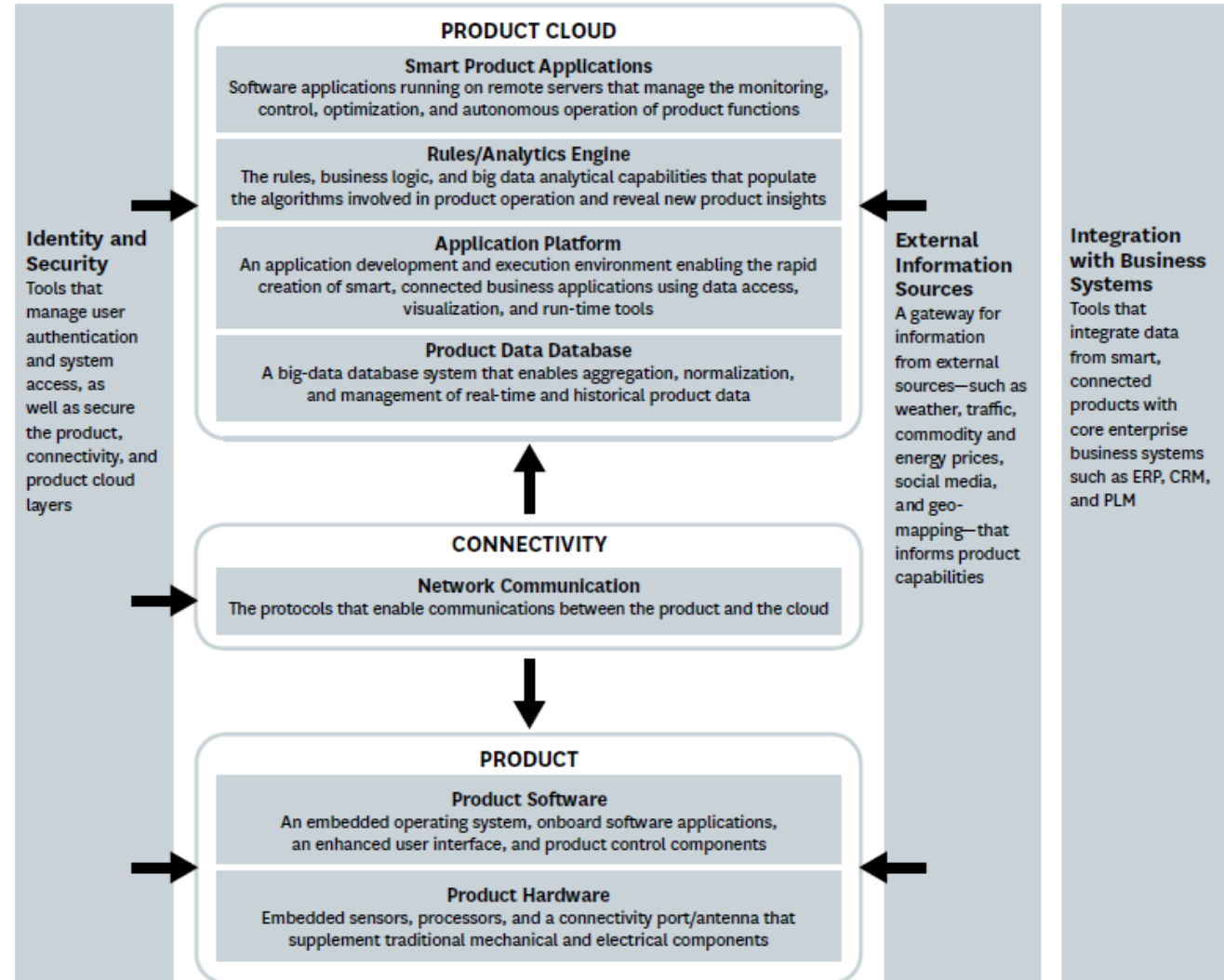
SPOTLIGHT ON MANAGING THE INTERNET OF THINGS

How Smart, Connected Products Are Transforming Competition

by Michael E. Porter and James E. Heppelmann

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IoT Architecture

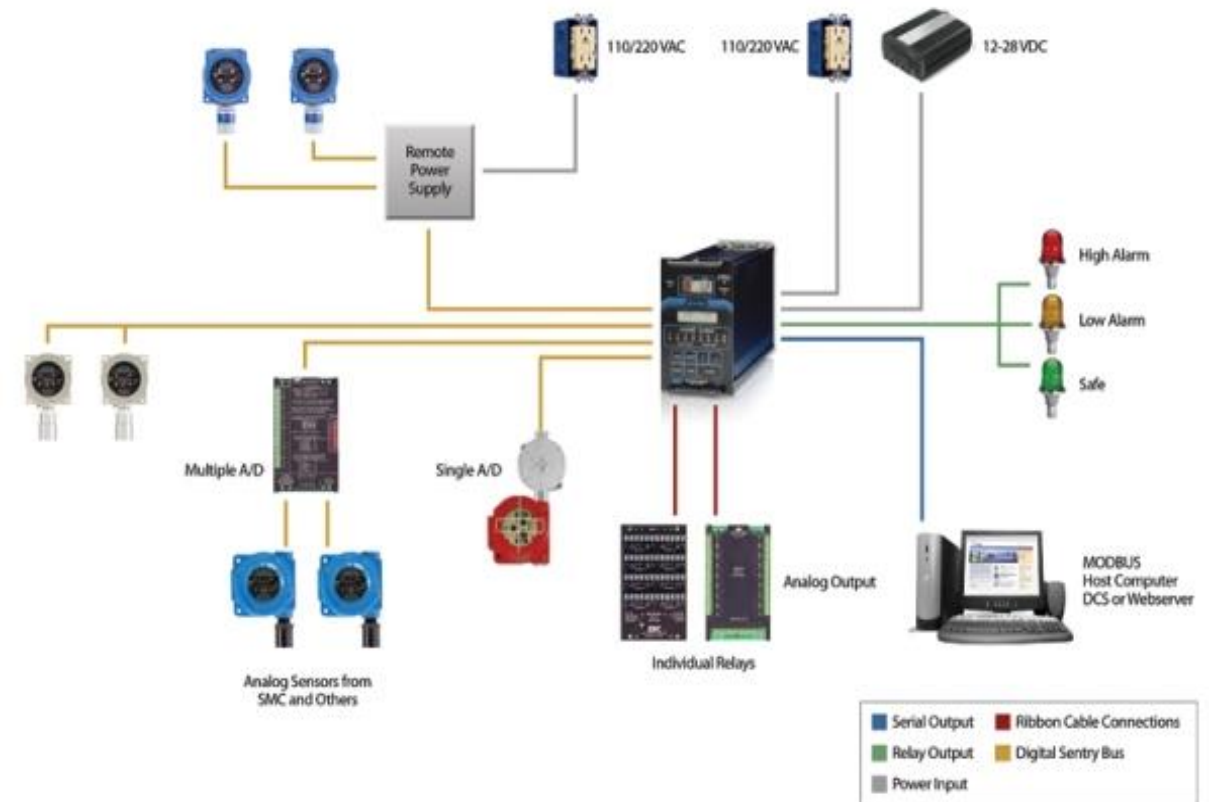


DEVELOPING IOT PRODUCT

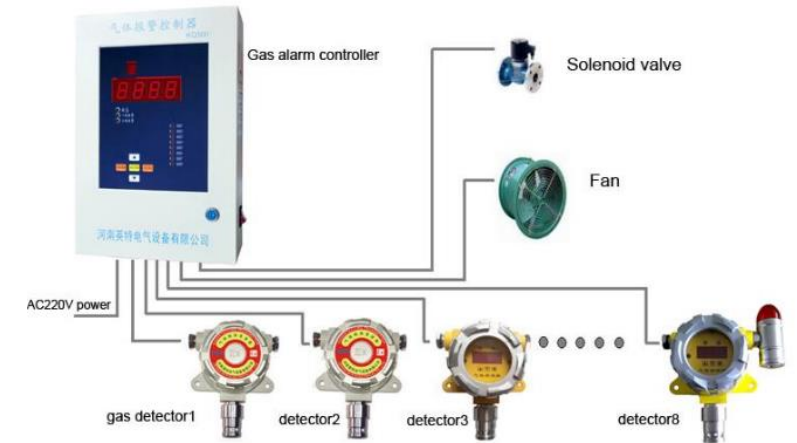
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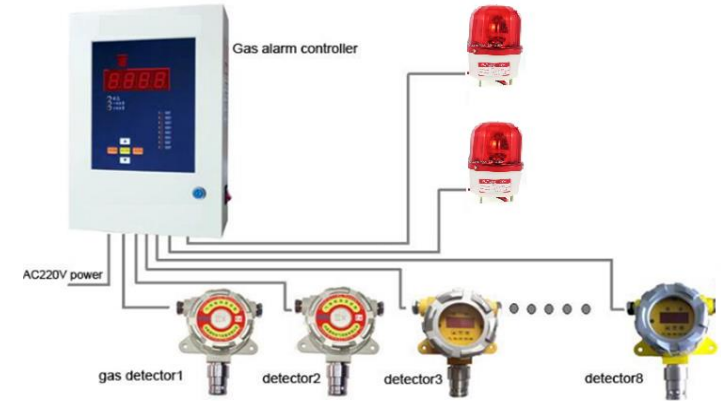
IoT-based Gas Detection Systems



Common Oil & Gas Detection Systems



- Number of Channels (1, 2, 4 and 8 Channels are Common)
- Limitation in Number of Sensors and Alarms
- Repeater Limitations (1 extra system, short distance)
- Commercial Limitation for higher number of channels (for example 16, 32 and 64 channels)
- Most of them did not have remote accessibility
- Unable to display multi-system information simultaneously
- Additional features like Low/High Pressure Oxygen Bank Monitoring

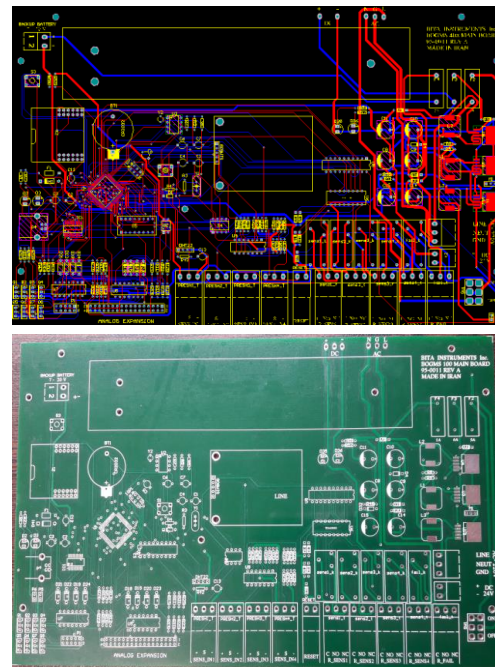
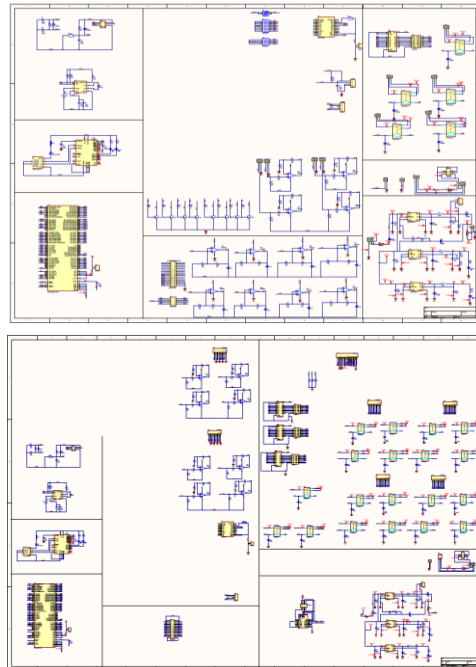


- Sensors are connected to each other and the Internet
- Sensors send their data (API based) through Gateway to an IoT Platform (Cloud)
- There is no limit to the number of sensors and alarms
- Any Time/ Any Place/ Any Things Connection
- There is no limit to the distance and Repeater
- There is no Limitation for higher number of channels (for example 16, 32 and 64 channels)
- Access to the Detection system and Sensors data through Mobile phone, Desktop and Web Application
- Able to display multi-system information simultaneously
- There is no limitation for additional features like Low/High Pressure Oxygen Bank Monitoring

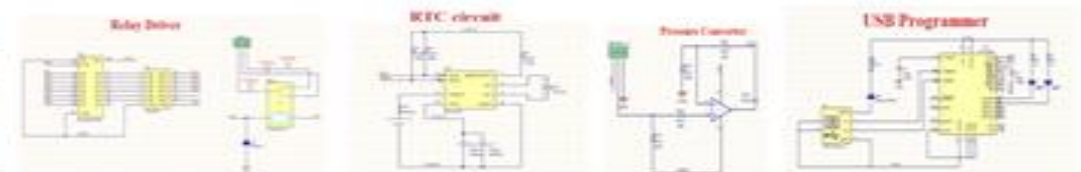
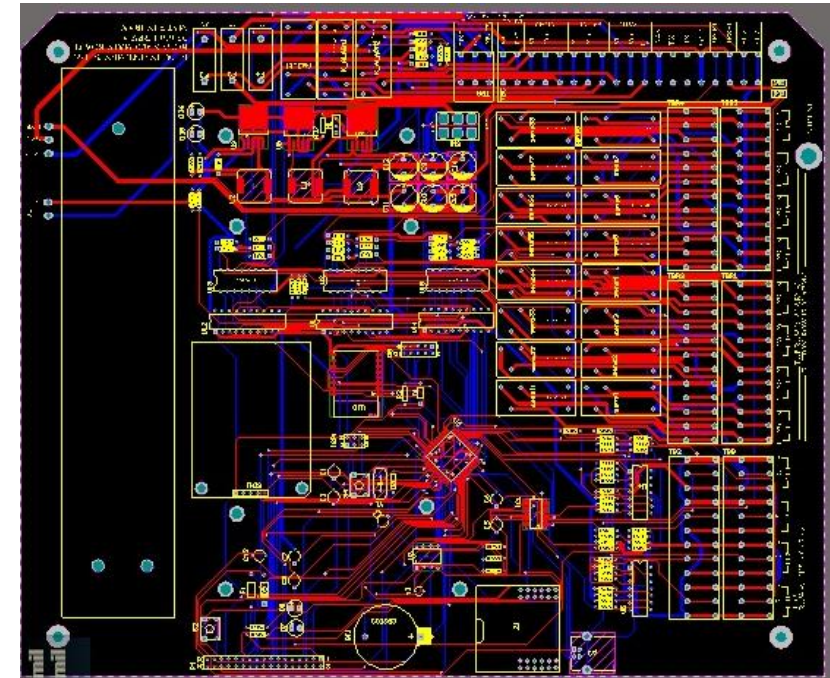
Define the required priority proposal

IoT based Gas Detection System (H₂S & LEL)

Design of Required Hardware



Proteus v8.3,
Altium
Designer 2016,
IDE Atom



Design of Required Hardware



Developing IoT product

Design of Required Hardware



Developing IoT product

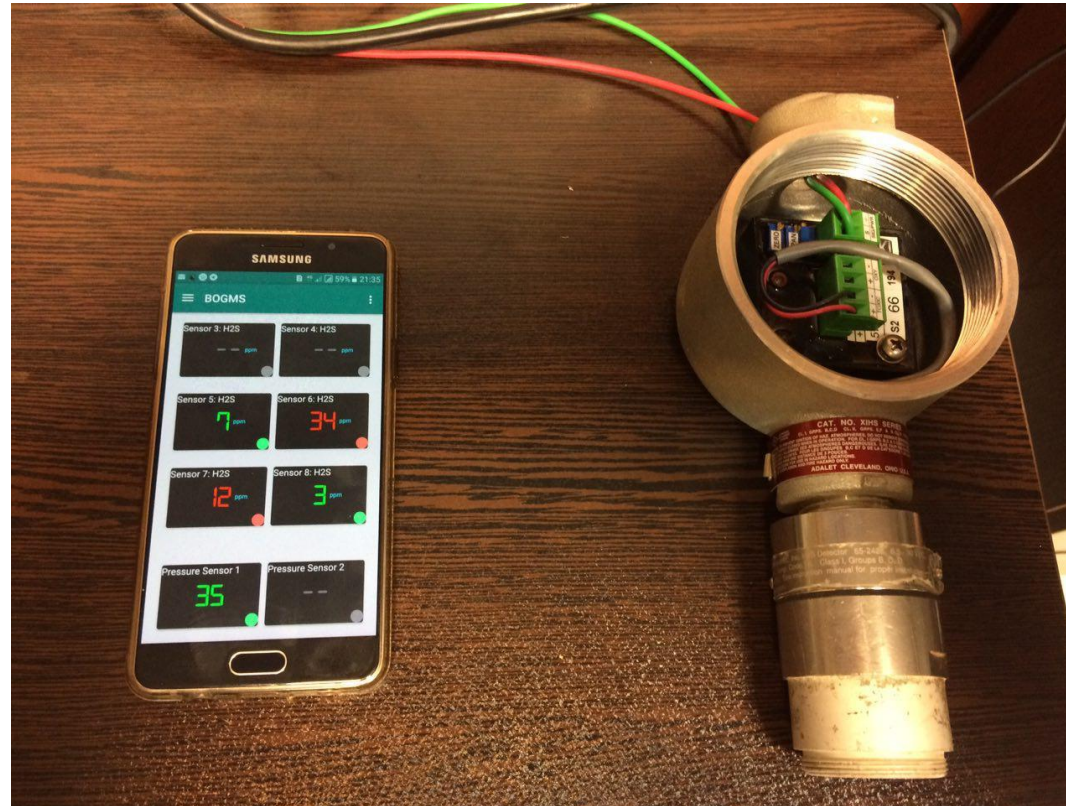
Design of Required Hardware



Selecting IoT Platform

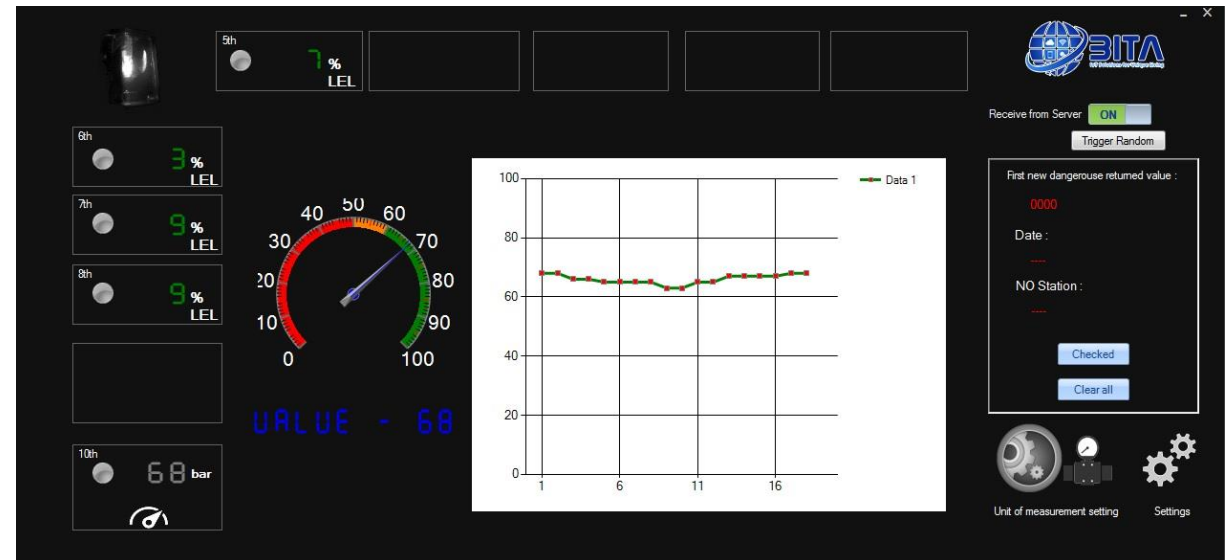
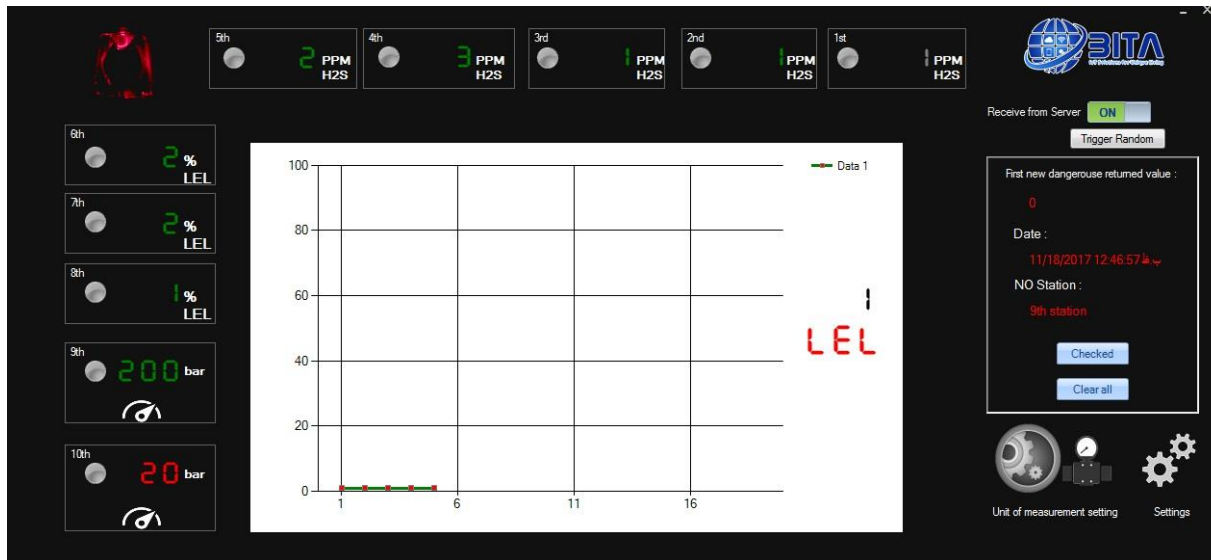


Design and Implementation of Mobile & Desktop Application



Android Studio, Xamarin, React native

Design and Implementation of Mobile & Desktop Application



Testing the System



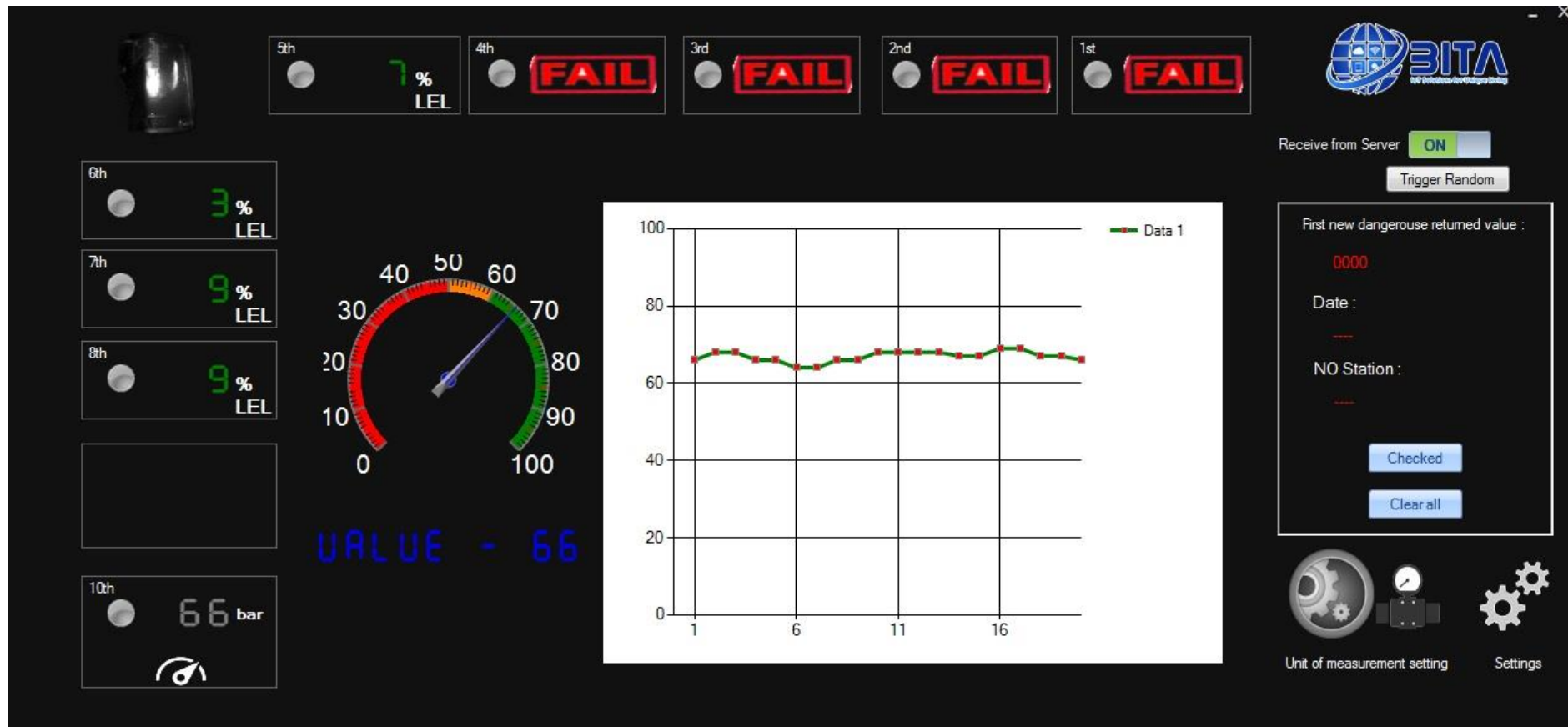
Testing the System



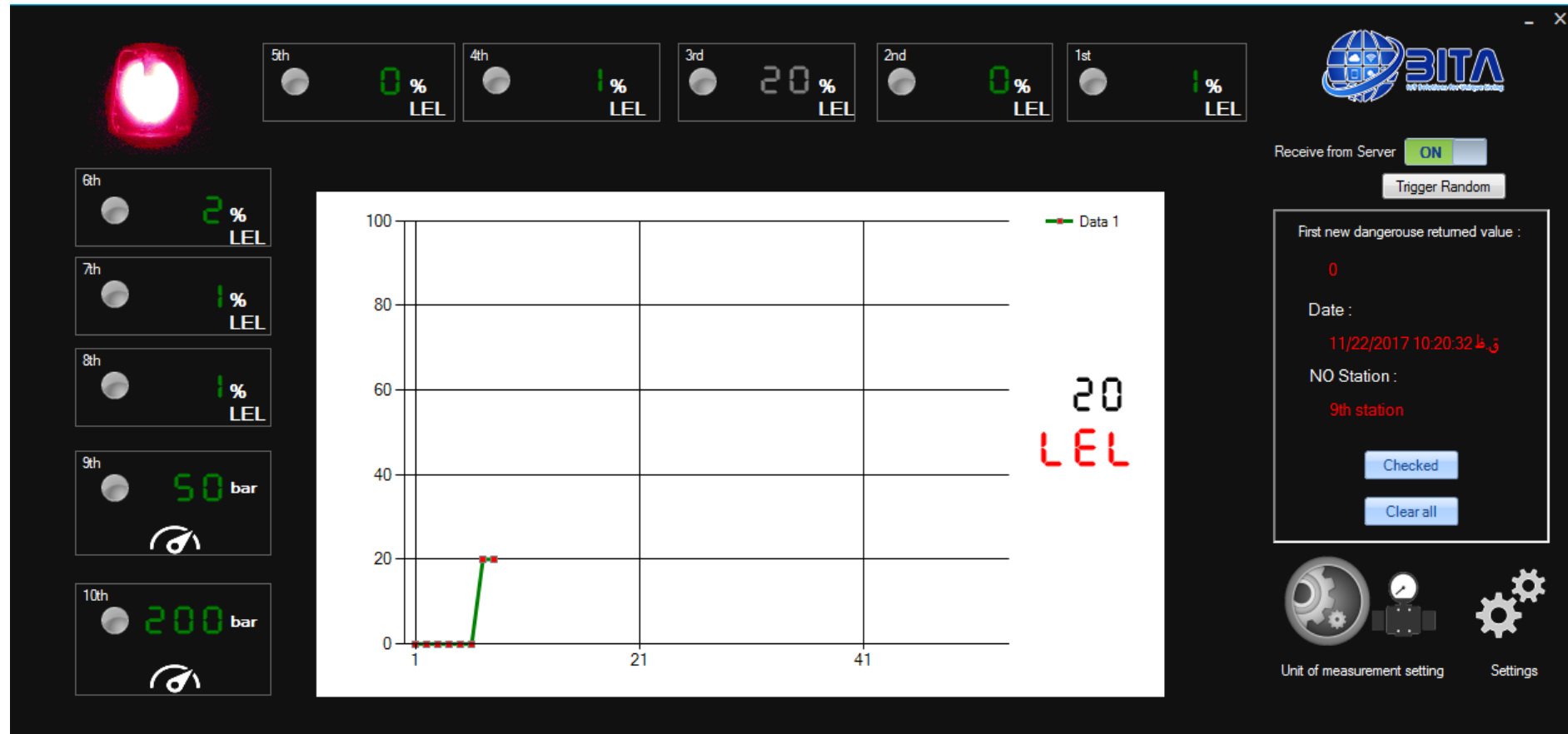
Testing the System



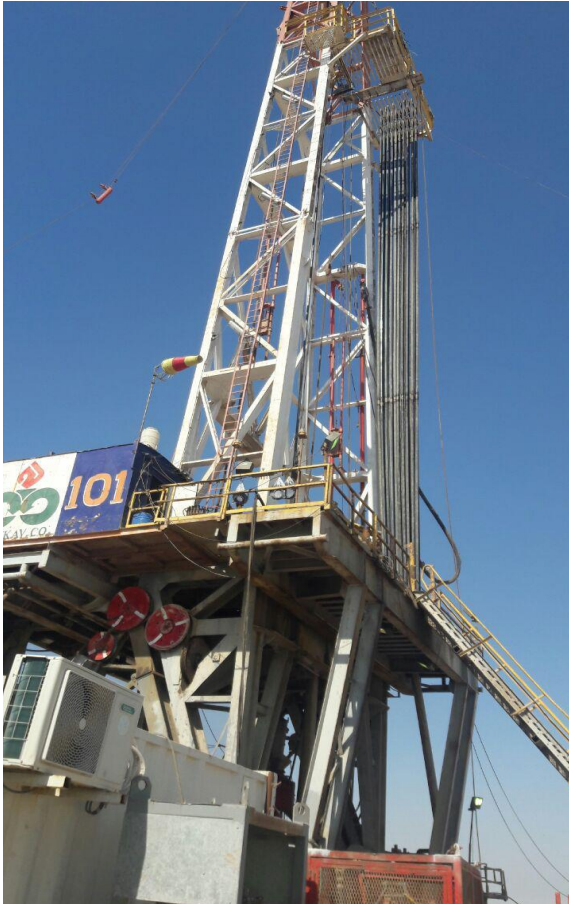
Testing the System



Testing the System



Testing the System



Testing the System



About the IPS-BITA Gas Monitor

The IPS-BITA is a fixed-mounted, continuous-monitoring, real-time feedback instrument. This multiple channel gas monitor is capable of detecting gas at up to eight locations with consideration of adding more channels based on the need (It can be customized).

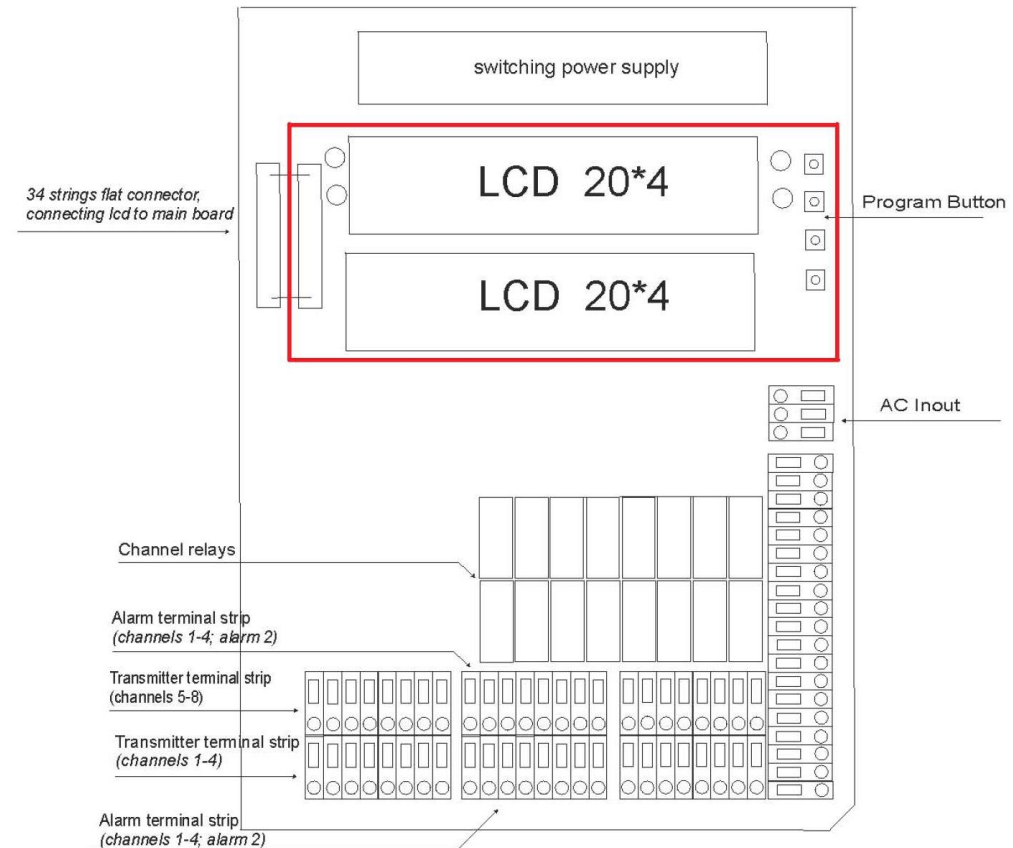
The display screens simultaneously display the gas readings of all active channels in real-time and it will send all channel's data to the base monitoring station far away from the field through the internet via 802.11 protocol or GSM. The IPS-BITA includes audible and visual alarms that warn you of hazardous gas conditions. The alarm circuit includes two levels of gas alarms. The fail circuit alerts you to failures in the gas transmitter(s) or IPS-BITA. At the same time, these alarms will be sent to the base monitoring station and alarms will be shown in the desktop and mobile application that is provided to the employer of the field.

It also has the ability of adding wireless alarms in the field and out of the field. These alarms are all connected to the IPS-BITA through 802.15 protocol. The system is protected from noises of the field and alarms can be connected from up to 1000 meters.

The Configuration menu allows to change channel and calibration settings.

IPS-BITA Gas Monitor Specifications

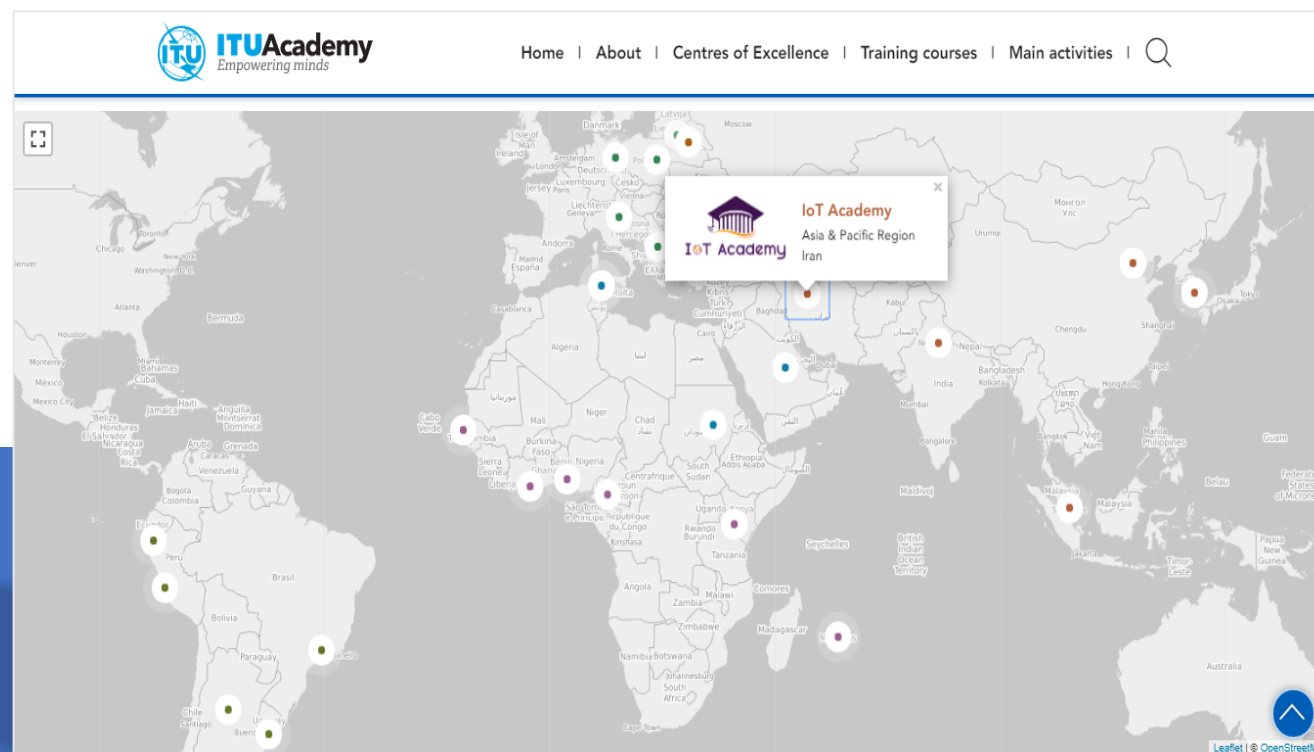
Input Power	100 to 240 VAC or 24 VDC
Detector Head Input Type	2 or 3 wire 4-20mA transmitters
BOX Dimensions	12.5 in. H x 11.0 in. W x 6.4 in. D (31.8 cm H x 27.9 cm W x 16.3 cm D)
Board Dimensions	11.33 in. H x 9.37 in. W x 4.96 in. D (28.8 cm H x 23.81 cm W x 12.6 cm D)
Power Dimensions	7.75 in. H x 1.49 in. W x 3.93 in. D (19.7 cm H x 3.8 cm W x 10 cm D)
Weight	10.4 lbs. (without AC line cord)
LCD size	2 LCD 20*4
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Environmental Conditions	For indoor or outdoor locations (Type 4X) • 2000 meter max altitude • Maximum humidity: 80% relative • Pollution Degree 2 • Installation Category II
User Controls	• Reset switch • Program buttons: ESCAPE, UP (YES), DOWN (NO), and ENTER)
Relays	CSA Rated for 3 amps at 115 VAC resistive, Form C
Communication Networks	Wifi (IEEE 802.11 b/g/n Wi-Fi) Sim808(Quad Band GSM / GPRS) (IEEE 802.15.4)



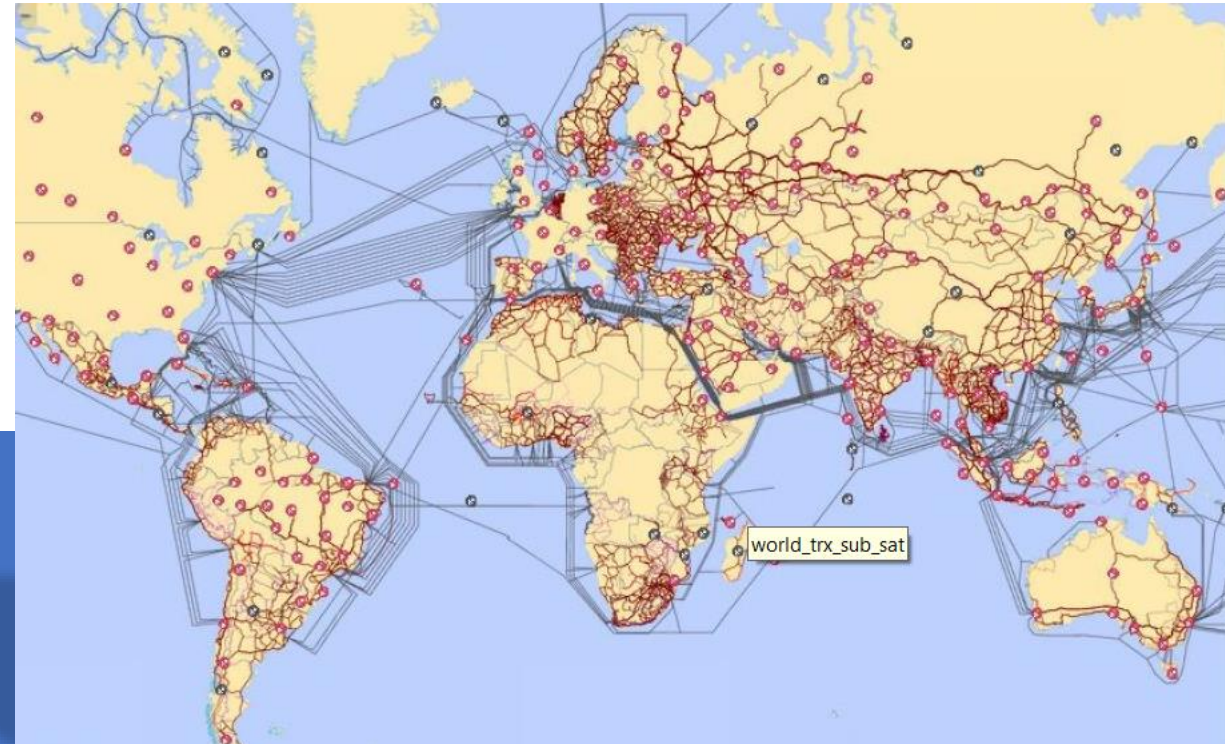
IOT ACADEMY CERTIFICATES

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Ref: <https://academy.itu.int/centres-excellence/coe-cycles/coe-cycle-2019-2022>



Ref: https://www.itu.int/online/mm/scripts/gensel11?_memb=U

Iranian Profound Searchers (IPS)
(Protection and Safety Equipment and Services)
شرکت کاوشگران ژرفای ایرانیان (مسئولیت محدود) KAVOSH


تاریخ: ۹۹/۰۶/۱۰
شماره: K-۳۰۶۹-۹۹۳۰
پیوست: ندارد

جناب آقای دکتر فرزاد ابراهیمی
مدیرعامل محترم شرکت دانش‌مان اینترنت اشیا

موضوع: گواهی تایید صلاحیت محصولات تولیدی

با سلام،
احتراماً، بدینوسیله به اطلاع میرساند در چارچوب همکاریهای مشترک با آن شرکت محترم، ضمن اعلام رضایت فنی و تخصصی از طراحی، ساخت و عملکرد کنترل پنل‌های آشکارساز گاز (آنالایزر) برای شناسایی گازهای CO ، CH_4 ، H_2S و CO_2 مدل‌های $ABI\ 400$ ، $ABI\ 800$ و $ABI\ 1200$ بعد از حدود دو سال کار در پروژه‌های حفاری مناطق جنوب کشور، توفیقات روزافزون آن مدیریت و مجموعه را خواستاریم.
امید است که در راستای بومی‌سازی محصولات بعدی حوزه نفت و گاز نیز موفق و سر بلند باشید.

حسن شریفی
مدیرعامل و نائب رئیس هیئت مدیره



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• شهرک اکباتان، فاز ۲، بلوک ۸، شماره ۲-۸
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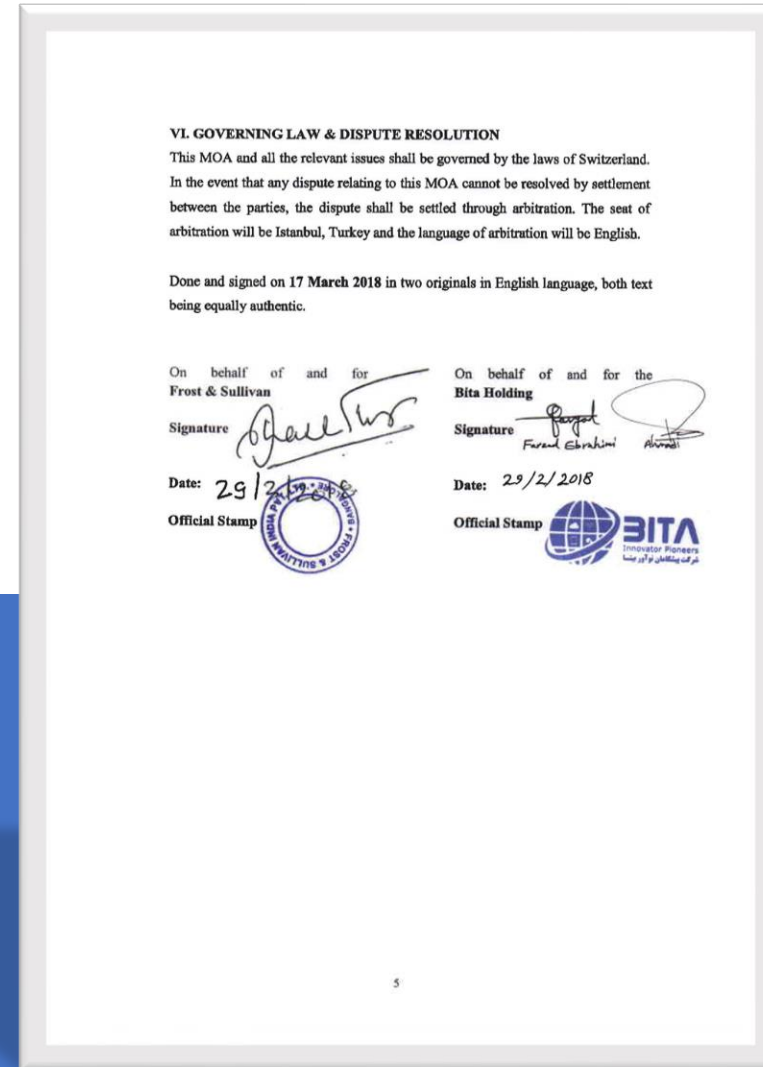
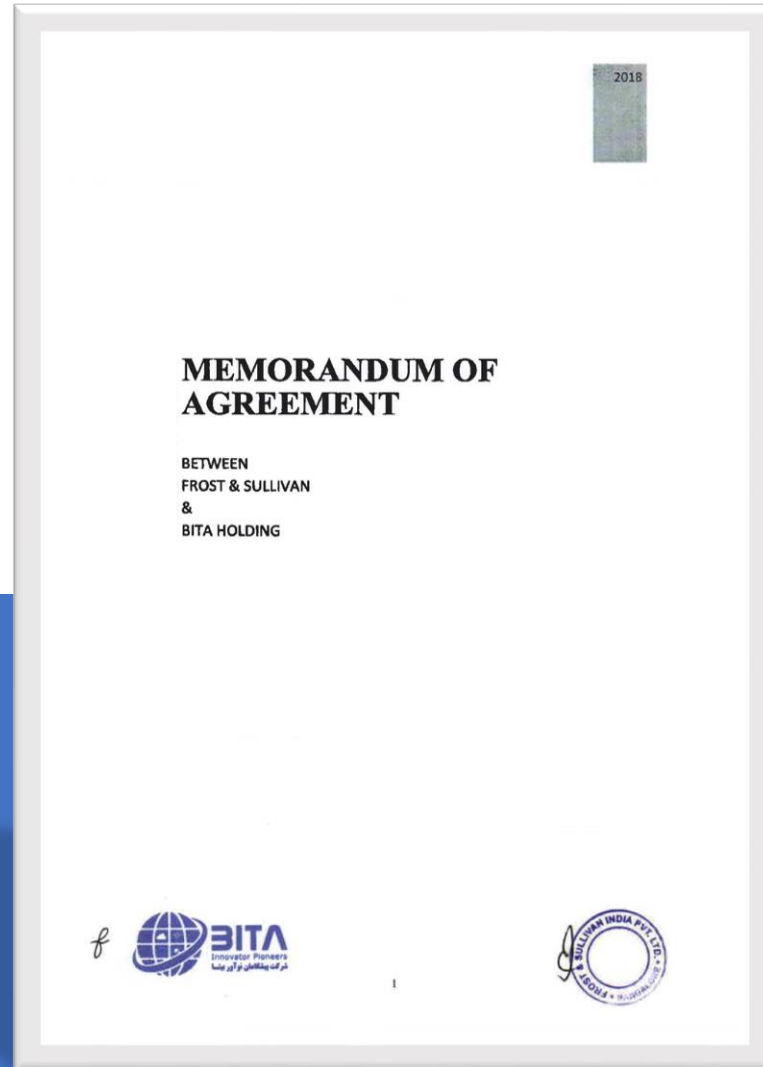




IOT ACADEMY INTERNATIONAL COOPERATION

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۴. تسهیم مسئولیت‌های تعیین شده مطابق مفاد موافقت‌نامه یا هر یک از قراردادهای خاص مربوط به انجام خدمات موضوع موافقت‌نامه می‌تواند طی قراردادهایی که بدین منظور میان طرفین همکاری تنظیم می‌گردد تغییر یابد مشروط بر آن که حسب ضرورت، موافقت کارفرما نیز کسب گردد.
۵. در صورت موافقت کتبی طرفین، هر یک از طرفین این اختیار را خواهند داشت که بخشی از تعهدات خود را بصورت دست دوم و یا قرارداد همکاری به مشاوران، پیمانکاران و یا ارائه‌کنندگان خدمات واگذار نمایند، مشروط بر اینکه مسئولیت آن تعهدات کماکان بر عهده طرف مربوطه باقی بماند.
۶. هیچ‌یک از طرفین نمی‌تواند بدون اخذ موافقت کتبی طرف دیگر یا استفاده از این موافقت‌نامه در مناقصه‌ای شرکت، یا اجرای خدمات موضوع موافقت‌نامه را قبول نماید.
۷. هرگونه تبلیغ، توزیع بروشور و اطلاعیه، مطالب روزنامه‌ای یا انتقال اطلاعات راجع به این موافقت‌نامه به اشخاص ثالث ممنوع بوده و در صورت نیاز طرفین به اتفاق در مورد آن تصمیم‌گیری خواهند نمود.

ماده ۱۰- تعداد نسخ موافقت‌نامه

موافقت‌نامه حاضر در ۱۰ ماده، ۵ صفحه و ۳ نسخه تنظیم و به امضای طرفین قرارداد رسیده است و تمام نسخ حکم واحد را دارند.

طرفین در تایید مراتب فوق میادرت به امضاء این موافقت‌نامه نمودند.

شرکت پیشگامان نوآور بینا

فرزاد ابراهیمی
مدیر عامل و مؤسس

شیمه احمدی
رئیس هیئت مدیره



شرکت کاوشگران ژرفای ایرانیان

سعید مقاری
رئیس هیئت مدیره

حسن شریفی
مدیر عامل



بسمتای



یا ابراهیم الدین اسماوفا باستو

موضوع

موافقت‌نامه همکاری و مشارکت

در راستای دستیابی به زیرساخت‌های H₂S

شماره

تایید

شرکت کاوشگران ژرفای ایرانیان

و

شرکت پیشگامان نوآور بینا

MEMORANDUM OF AGREEMENT

BETWEEN
IOT ACADEMY - IRAN
&
QUALIES AND INNOVATION STRATEGIES - OMAN

2019



V. Good Faith & Fair Dealing

The Parties' relationships to achieve the objectives fixed by this MOA and any question that may arise thereunder shall be subject to and interpreted according to the principles of good faith and fair dealing.

VI. GOVERNING LAW & DISPUTE RESOLUTION

This MOA and all the relevant issues shall be governed by the laws of Switzerland. In the event that any dispute relating to this MOA cannot be resolved by settlement between the parties, the dispute shall be settled through arbitration. The seat of arbitration will be Muscat, Oman, and the language of arbitration will be English.

Done and signed on **24 July 2019** in two originals in English language, both text being equally authentic.

On behalf of and for
IoT Academy



Farzad Ebrahimi
Chairman & Founder

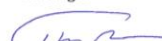
Signature

Date: July 24th, 2019

Official Stamp



On behalf of and for the
Qualies and Innovation
Strategies



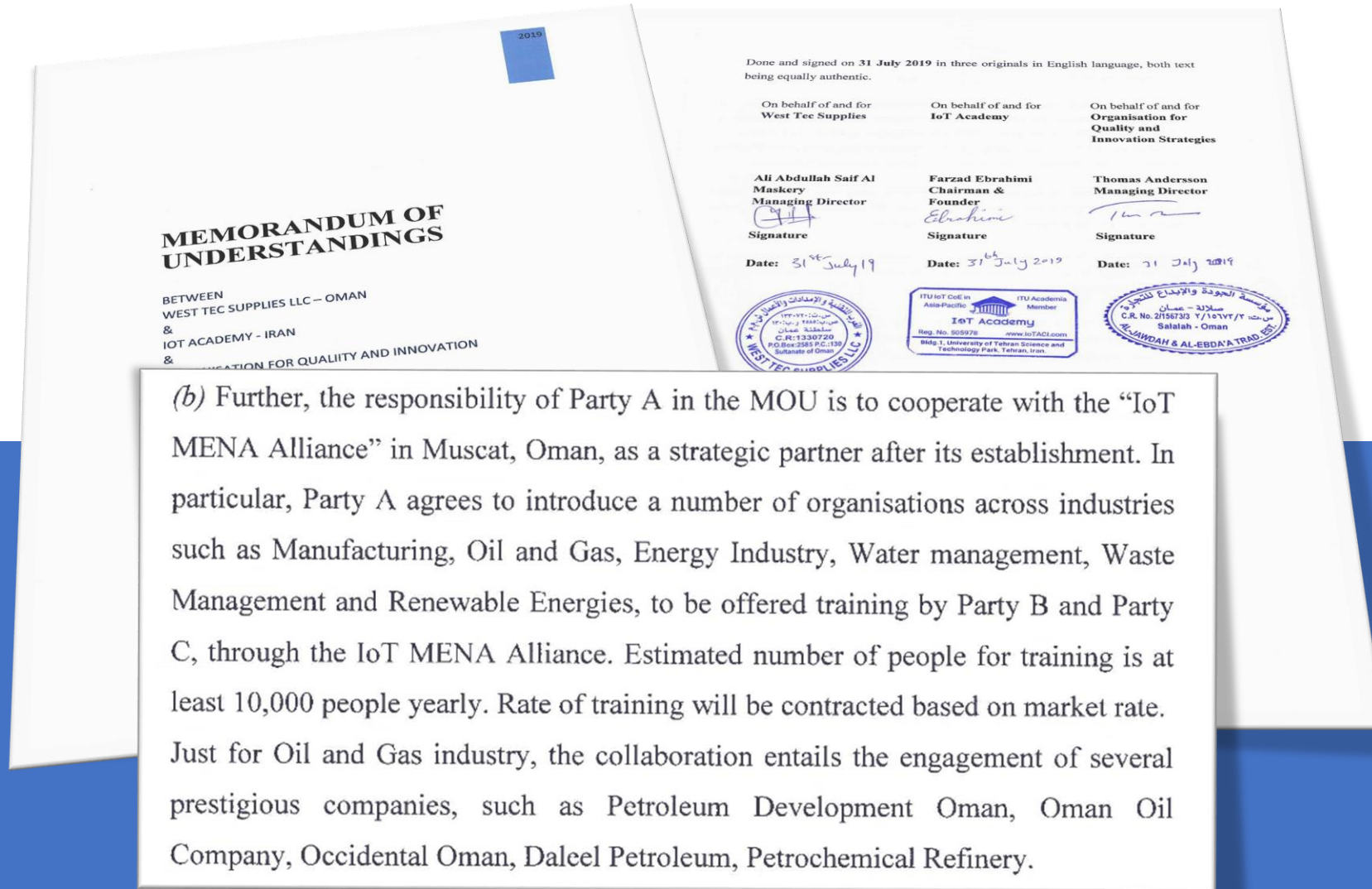
Thomas Andersson
Chairman

Signature

Date: July 24th, 2019

Official Stamp





MEMORANDUM OF AGREEMENT

BETWEEN
BEIJING HAoyEE AERONAUTIC SCIENCE AND TECHNOLOGY CO. LTD - CHINA
&
BITA HOLDING - IRAN

2019

MEMORANDUM OF AGREEMENT

(e) Nothing in this MOA shall confer or be deemed to confer on either Party any right or license to use the information and IP rights other than for the explicitly authorized purposes during the term of this MOA.

V. Good Faith & Fair Dealing

The Parties' relationships to achieve the objectives fixed by this MOA and any question that may arise thereunder shall be subject to and interpreted according to the principles of good faith and fair dealing.

VI. The Detailed Items To Be Carried Out

Both sides agree to carry out a visit trip to China or Iran in the near months and make a further detailed plan of cooperation in Iran. A new contract will be discussed and signed by both sides based on this MOA.

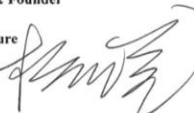
This Memorandum of Agreement (MOA) signed on **24 January 2019** in two originals in English language, both text being equally authentic.

On behalf of and for
HaoYee Co. Ltd - China

Reagon Yang, Pengliang
CEO & Founder

Signature

Date:


2019-01-24

On behalf of and for the
Bita Holding - Iran

Farzad Ebrahimi
CEO & Founder

Signature

Date: 24/01/2019



MEMORANDUM OF AGREEMENT

BETWEEN
IOT ACADEMY - IRAN
&
IOT CENTER - PAKISTAN



VI. GOVERNING LAW & DISPUTE RESOLUTION

This MOA and all the relevant issues shall be governed by the laws of Switzerland. In the event that any dispute relating to this MOA cannot be resolved by settlement between the parties, the dispute shall be settled through arbitration. The seat of arbitration will be Istanbul, Turkey and the language of arbitration will be English.

Done and signed on 4 February 2018 in two originals in English language, both text being equally authentic.

On behalf of and for
IoT Academy - Iran

On behalf of and for the
IoT Center - Pakistan

Farzad Ebrahimi
Chairman & Founder

Ammar Jaffri
CEO

Signature



Date: 04.02.2019

Signature



Date: 27.02.2019

Official Stamp



Official Stamp



تاریخ: ۱۳۹۷/۰۹/۰۸
شماره: ۱۸-۱۸۰۰۰۰۰۰
پوست: ...


 جمهوری اسلامی ایران
 بسمه تعالی
 توافق بازرگانی ایرانیان مقیم چین - گوانجو


 IRAN CHAM

ماده دو: مدت اعتبار تفاهم نامه

مدت اعتبار این تفاهم نامه دو سال از تاریخ امضاء می باشد.

تبصره ۱: مدت اعتبار این تفاهم نامه با رضایت طرفین قابل تمدید می باشد.

ماده سه: نسخ تفاهم نامه

این تفاهم نامه در سه ماده، دو بند و در سه نسخه که تمامی نسخ آن از اعتبار یکسان برخوردارند، تنظیم و مبادله گردید.


دکتر فوزاد ابراهیمی
 مدیرعامل و مؤسس هلدینگ بیتا
 ایران - تهران


مهندس سعید اعتصامی
 رئیس هیئت مدیره اتاق بازرگانی ایرانیان مقیم چین - گوانجو

pg. 3

تاریخ: ۱۳۹۷/۰۹/۰۸
شماره: ۱۸-۱۸۰۰۰۰۰۰
پوست: ...


 جمهوری اسلامی ایران
 بسمه تعالی
 توافق بازرگانی ایرانیان مقیم چین - گوانجو


 IRAN CHAM




تفاهم نامه

بین اتاق بازرگانی ایرانیان مقیم چین - گوانجو

و

هلدینگ بیتا

با توجه به بستر سازی و تبادل موضوعات علمی و فناوری بین اتاق بازرگانی ایرانیان مقیم چین - گوانجو که مشکل از شرکتهای رسمی و قانونی ایرانیان مقیم چین با بهره گیری از تجربیات کافی در راستای انجام خدمات انتقال فناوری، بازرگانی، سرمایه گذاری، تأمین کالا، تجهیزات، آموزش و ... و هلدینگ بیتا که در زمینه IoT (Internet of Things) فعال می باشد و عضو آکادمی اتحادیه جهانی مخابرات (ITU Academia Member) است.

در راستای همکاری و مشارکت بازرگانی در ارتباط با موضوعات فوق الذکر، این تفاهم نامه بین "اتاق بازرگانی ایرانیان مقیم چین - گوانجو" به نمایندگی آقای "مهندس سعید اعتصامی" (رئیس هیئت مدیره) به نشانی:

No. 703, Saphire Building, No. 668 Ren min bro road, Yuexiu District, Guangzhou-China.

شماره تلفن: ۸۱۰۶۸۹۷-۰۲۰-۸۶ و آدرس پست الکترونیکی: info@ccc-ir.com که از این پس اتاق نامیده می شود و "هلدینگ بیتا" به نمایندگی آقای "دکتر فوزاد ابراهیمی" (از شرکت پیشگامان نوآور بیتا - شرکت مادر هلدینگ - به شناسه ملی ۱۴۰۰۶۰۲۱۰۲۵) به نشانی: تهران، خیابان کارگر شمالی، خیابان بیستم (ایلمی غربی)، پلاک ۹۱۱ طبقه سوم و شماره تلفن: ۸۱۰۶۸۹۷-۰۲۱-۹۸ و آدرس پست الکترونیکی: ebrahimi@IoTAcademy.ir که از این پس هلدینگ نامیده می شود به شرح موارد و بندهای ذیل تنظیم و مورد تفاهم قرار گرفت:

pg. 1

There are countless opportunities for IoT Oil & Gas Industry

Upstream	Midstream	Downstream
Asset Tracking	Tank Farm Monitoring	Perimeter Security Sensors
Vehicle Monitoring	Field Crew Monitoring	Perimeter Video Camera
Remote Video	Remote Video	Mobile Asset Tracking
Machine Monitoring	Pipeline Monitoring	Vehicle Monitoring
Site Monitoring	Terminal Access control	Production Sensors
Well Head Monitoring	Asset Tracking	IoT Cloud Storage
Security/Access Sensors	Flow Meter Connectivity	Lone Worker Wearables
Lone Worker Tracking	Pipeline Monitoring	Contractor Tracking
Rig Monitoring	Wellhead Monitoring	Refinery Monitoring
Tank Monitoring	Cargo Shipping Monitoring	

CONTACT US

IOT ACADEMY

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-  Floor 1, Institute of Petroleum Engineering, College of Engineering, University of Tehran, North Kargar St., Tehran, Iran.
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-  www.iotaci.com
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-  [company/iotacademy](https://www.linkedin.com/company/iotacademy)