

IoT

PRODUCT GUIDE

2019-2020

CTRONIQ[®]



TOMORROW TOGETHER



GLOBAL MARKET TREND

US\$
4.3
trillion

2024
MARKET SIZE

As reported by:
Machina Research

ECONOMIC IMPACT
2019 - 2025

\$3.9

Trillion / Year

\$11.1

Trillion / Year

As reported by:
McKinsey Global Institute

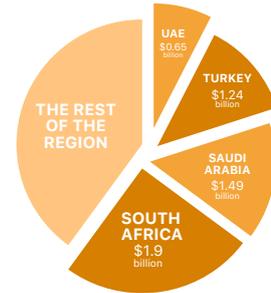
REGIONAL MARKET TREND (MEA)

GROWTH IN IoT EXPENDITURE

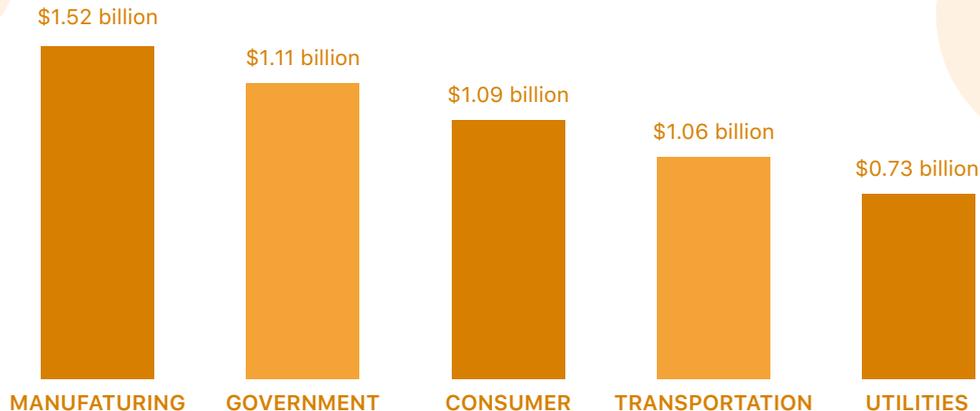


2019 MARKET SHARE

The four major players in the region, namely South Africa, Saudi Arabia, Turkey and the UAE account for 62% of total IoT expenditure in the MEA region.



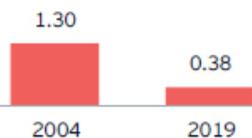
TOP INDUSTRIES SPENDING ON IoT SOLUTIONS



ENABLERS OF IoT

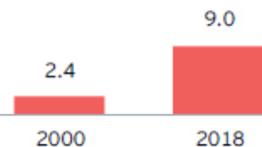
Decrease in sensor and electronic cost

Average cost of IoT sensors is falling (US\$)



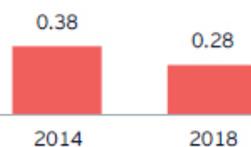
Increase in computing power

Increase in transistor count (in billion)



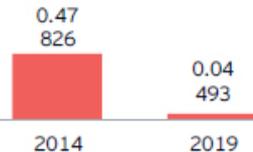
On-demand cloud computing

Decline in average base IaaS* Price per hour (US\$)



Decrease in cost of connectivity

Transfer cost of 1GB of data (US\$)



Digital business models

IoT is a key component of digital transformation and adjacent revenue opportunity

Evolving partnerships

Companies adopting faster go-to-market by leveraging technical expertise outside their core domain

Advancements in connectivity technologies

Proliferation of Low Power Wide Area (LPWA) and 5G networks supporting new IoT use cases

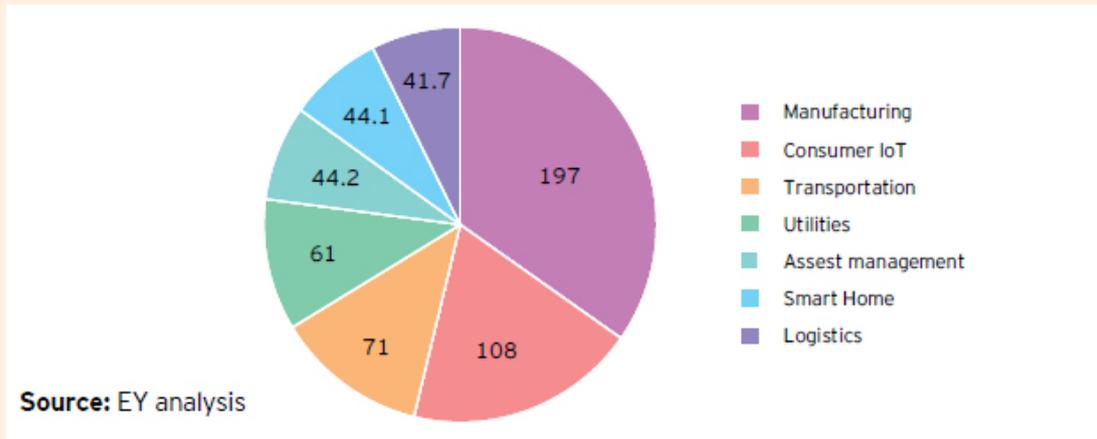
Flagship government programs such as Smart Cities

IoT to play an integral role in smart cities and help improve the liveability index of these cities

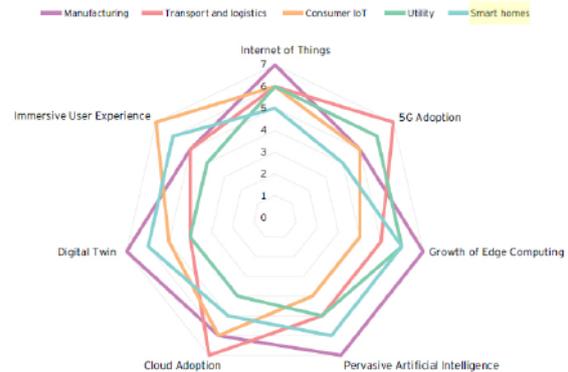
*Infrastructure as a Service

Source: Press articles; EY analysis

IoT Expenditure Worldwide (In Billions)



HOW FUTURE TRENDS ARE SHAPING KEY IoT SPEND AREAS



Source: EY analysis

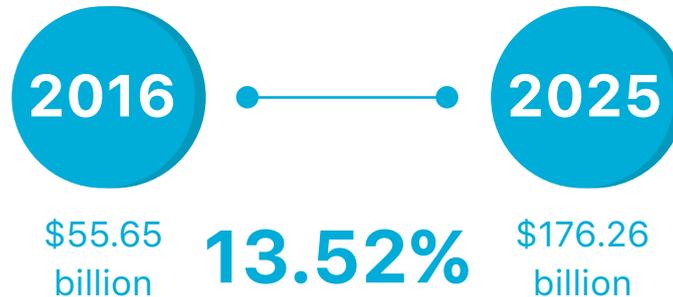
HOME AUTOMATION ECOSYSTEM

A Smart Home is a residence that uses internet connected devices to enable the remote monitoring and management of appliances and systems. It provides homeowners security, comfort, convenience and energy efficiency by allowing them to control smart devices, often by a smart home app on their smartphone

Using the internet of things (IoT) technology, the smart home utilizes automation and simplifies one's home environments to a greater extent.

GLOBAL SMARTHOME MARKET SIZE

The smart and connected home market is an evolving and dynamic sector that is poised for solid growth in the next 7 years. The market is mainly driven by demand for enhanced safety and personal comfort, increased energy and cost savings, growing acceptance of new products, improved adoption of high-speed Internet connectivity in developing countries, new business models, and enhanced competition from different market participants.



REGIONAL SMARTHOME MARKET SIZE (MEA)

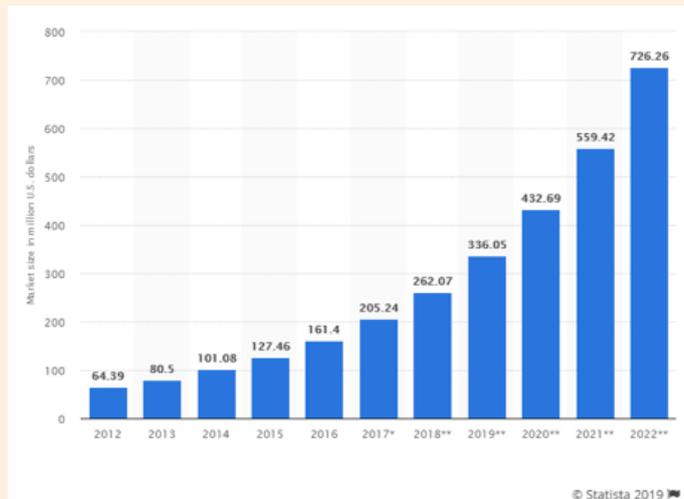
Smart home technology is also referred to as home automation, since it provides owners comfort, convenience, security, and energy efficiency in the management of smart devices, often by a smart home app on their smartphone or other connected device. GCC countries smart home market comprised of smart speakers, lighting, smoke alarms, thermostats, humidifiers, monitoring/security, wireless doorbells, and video entertainment products.

GCC Smart Home Market is expected to be more than US\$ 3.4 Billion by the end of the year 2025.

Saudi Arabia, the United Arab Emirates (UAE) and Qatar have significant market share in GCC countries

Market size of smart homes in the United Arab Emirates from 2012 to 2016.

An estimate for 2017 and a forecast until 2022. According to projections, the market size for smart homes in the UAE will total to 726 million U.S. dollars by 2022.



IoT SMART DEVICES



CSBB20

Ctroniq IoT App Control
Interface E27
RGBW colours

Voltage 120V - 230V
Dimmer Switch



CSSD40

Cttroniq IoT App Control
Compatible with Doors,
Windows, Drawers

Temper & Low BATT Alert
6 months battery life



CSST30

Cttroniq IoT App Control
WiFi Connectivity

Type G Outlet
Set Timer

IoT

COMING SOON



CSSC50

Ctroniq IoT App Control
Motion detection
360 degree pan

2-way audio
Night vision function
PC/App device sharing



CSWS60

Ctroniq IoT App Control
Multi-Device control
Power Stats

Timer
Countdown
Wifi App Remote



CSST70

Ctroniq IoT App Control
0.3W Power Consumption
16A/250V Load Capacity
5 °C - 35 °C Range

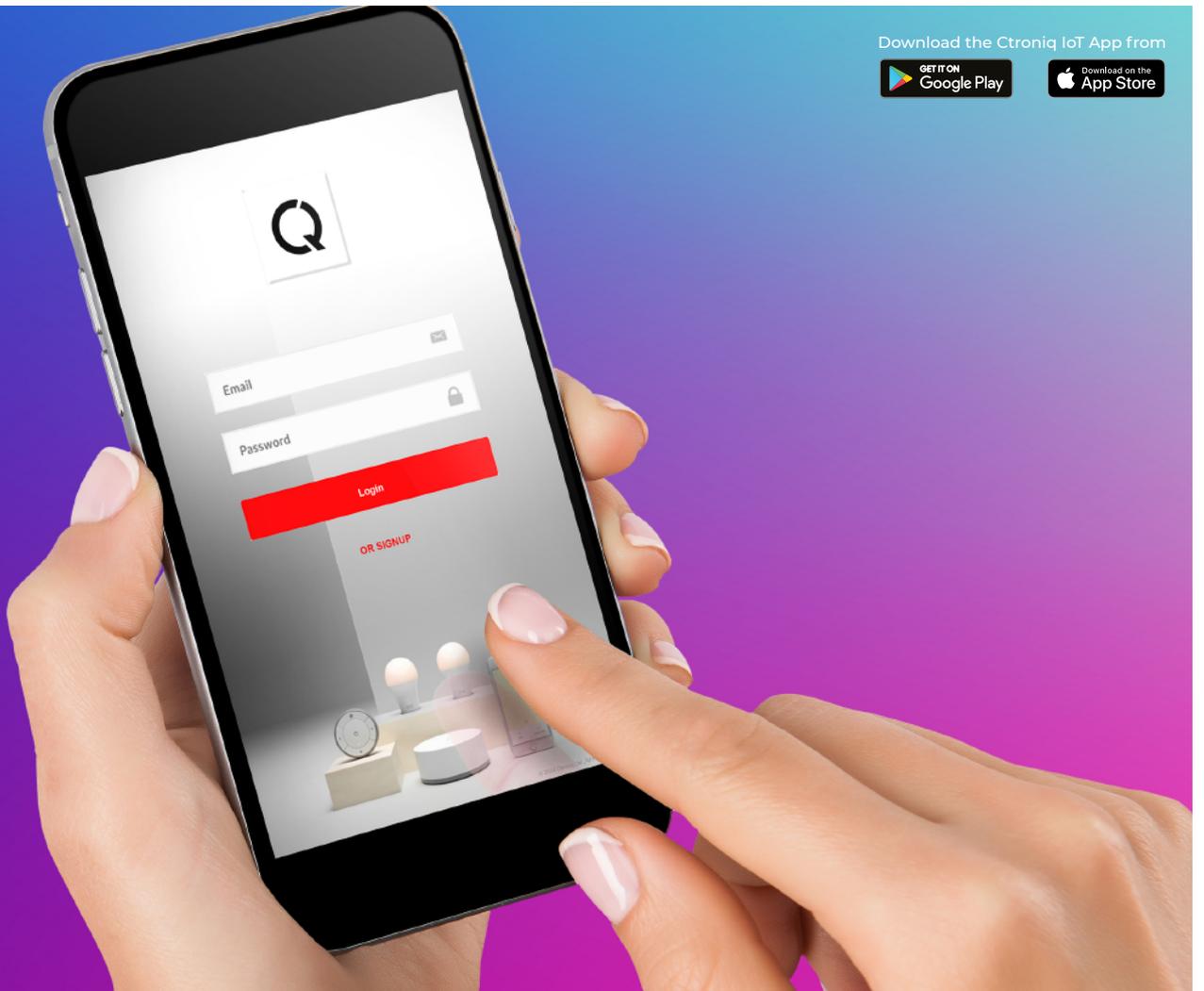
Switch relay
1 week cycle
Weekly programming



CTRONIQ IoT App

Remotely control your Ctroniq (powered by Tuya) Smart Home & Work Automation system by a touch on you Android or iPhone through the customised, intuitive and user friendly Ctroniq IoT App

Download the Ctroniq IoT App from





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