



# The IoT in Smart Commercial Buildings 2016-2021



## Synopsis

This report will help all stakeholders and investors in the Internet of Things industry to identify trends and business opportunities in the market for Smart Buildings.

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# Introduction

This Report is a new 2016 Study which Makes an Objective Assessment of the Market for Internet of Things Technologies, Networks and Services in Buildings 2016 to 2021

Memoori presents a brand new report, building on our portfolio of building technology related research. This independent study makes an objective assessment of the Prospects for the Internet of Things market in Smart Buildings from 2016 to 2020.

The report focuses on market sizing and opportunities for Smart Commercial buildings, providing a fresh market assessment based upon the latest information. Regions for this edition of the study are spilt into 5 categories representing the international markets of North America, Latin America, Europe, Asia Pacific and The Middle East & Africa. - See more at: <http://www.memoori.com/portfolio/internet-things-smart-commercial-buildings-2016-2021/>

## What This Report Will Tell You

Within its **222 pages** and **61 charts and tables**, the report filters out ALL the key facts and draws conclusions, so you can understand exactly what is shaping the future of the global Building Internet of Things market.

# The Internet of Things in Commercial Buildings

#BIOT

### Key to symbols

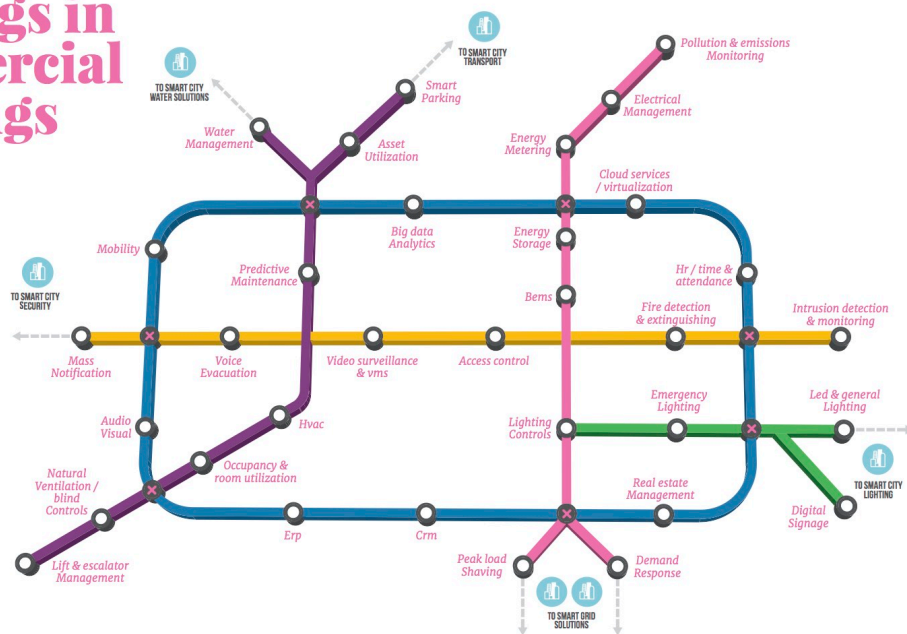
- TECHNOLOGY/SERVICE TYPE
- ⊗ DATA EXCHANGE
- ⊕ SMART CITY DATA INTERCHANGE

### Key to lines

- BUSINESS ENTERPRISE & SOFTWARE SERVICES
- SECURITY & SAFETY
- ENVIRONMENTAL CONTROL & ENERGY MANAGEMENT
- BUILDING SERVICES
- LIGHTING

### Data Communications Standards

- |               |         |           |
|---------------|---------|-----------|
| BACNET        | WI-FI   | IBDK      |
| ETHERNET / IP | OPENADR | Z-WAVE    |
| MODBUS        | DALI    | ZIGBEE    |
| ONVIF         | KNX     | BLUETOOTH |
| LOWWIRE       | ECOCAN  | RFID      |



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At Memoori we have decades of experience in the evaluation of building services markets, and regularly publish reports on several building technology areas including Building Environmental

<http://memoori.com>

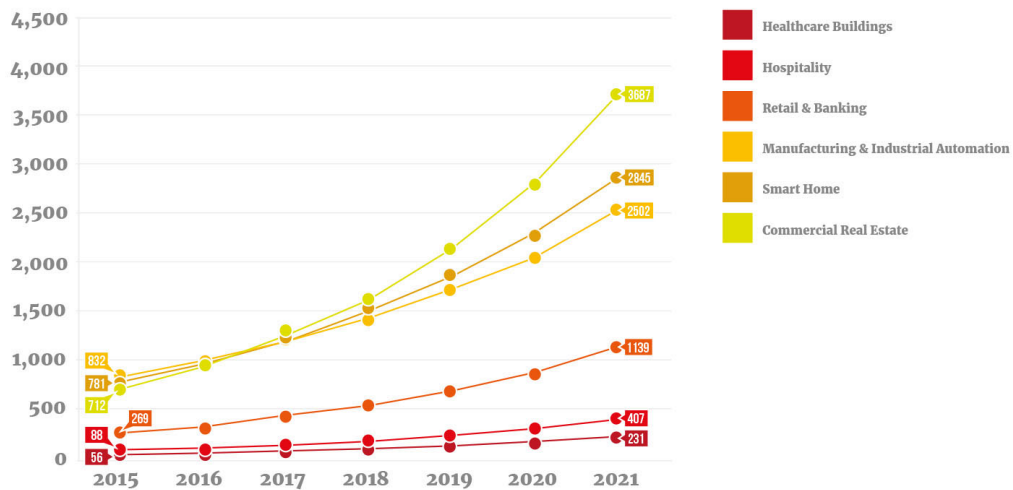
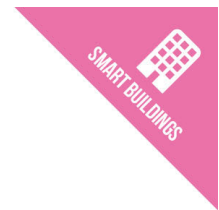
Control Systems, LED Lighting and Controls, Smart Grid, and Physical Security. This has given us a solid grounding on which to build our growth projections. Our most recent assessment indicates that the underlying “BAS without connectivity” market saw sales of global building systems totaling \$94.6Bn in 2015. Sales of Building Energy and Control Systems (BECS) made up the largest proportion of the market, with sales of \$30.9Bn, followed closely by physical security with sales of \$27.2Bn, and Fire Detection & Safety with \$21.9Bn.

We forecast that the market will grow at a combined 7.2% CAGR through to the end of 2016, with the strongest growth being experienced in the lighting control area, at 13% growth.

*The report projects that the combined global market for the Internet of Things in Buildings (BIoT) will grow significantly over the forecast period, rising from \$23.5Bn in 2015 to \$75.5Bn by 2021, at a CAGR of 20.7%. Growth in data volumes generated by the IoT will still drive significant investments; as organisations struggle to maintain the network capacity and bandwidth requirements to effectively transmit all this new data.*

Fig 3.2

## Growth in Smart Building Connected Devices over time (millions of devices)



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## How to Order

The report is priced at **\$1,500 USD** for a Single User License, and **ONLY \$1,750 USD** for an Enterprise License. It is delivered as an electronic PDF download, via email.

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