



AI & Machine Learning in Smart Commercial Buildings

GLOBAL MARKET PROSPECTS FROM 2020 TO 2025

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meemoori Synopsis

This report will be of value to all companies engaged in managing, operating and investing in commercial real estate technology around the world.

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Research AB

This Report is a new 2021 Study which Makes an Independent Assessment of the Market for AI & Machine Learning Technologies and their Application in Smart Commercial Buildings 2020 to 2025.

Assessment of current and forecast revenues are based on a comprehensive bottom-up model that evaluates the AI and Machine Learning offerings of a total of 255 companies, ranging from the world's largest Tech firms, to niche startups based in a total of 17 different countries around the globe.

The insights presented in this report build on our expertise in associated areas of the IoT, Big Data, Cybersecurity, and application specific markets such as Physical Security, Video Analytics, Occupancy Analytics, Smart Grid and Smart Lighting as they relate to the market for Smart Buildings.



* - Offerings specifically targeted at verticals other than commercial offices



What Do You Need This Report?

Cut through the marketing hype to understand what IS (and what is NOT) AI, and how it being applied to systems in the Built Environment. There is a growing body of use-cases and case-studies of commercially available solutions that offer tangible value to building owners and occupiers, which we discuss in this report.

Understand the solutions that have risen to prominence as a result of the COVID-19 pandemic and how they leverage AI technology’s ability to detect, monitor and track the actions, behaviors and movements of individuals.

Discover the market opportunity. The report estimates that the market for AI & Machine Learning in Smart Commercial buildings generated total revenues of \$1.11 billion in 2020, and we forecast it will grow by 24.3% CAGR through to 2025 nearly tripling in value to approx. \$3.3 billion by 2025.

Understand the competitive landscape. Over 45% and 43% of companies are providing solutions related to Security & Access Control and Space/Occupancy & People Movement markets respectively. The market for AI enabled Energy Management & Sustainability services is also growing fast and attracting a good number of new market entrants, with 32% of vendors now offering services for this space.

AI & Machine Learning Offerings by Use Case



* Offerings specifically targeted at verticals other than commercial offices



While organic sales growth of new AI powered solutions will be responsible for the majority of the expected growth the market, it will also be driven, in part, by AI taking responsibility for an ever-greater proportion of existing building systems already in operation. AI devices

will increasingly displace older generations of edge devices, and AI powered analytics will displace some more traditional forms of software analytics being sold today.

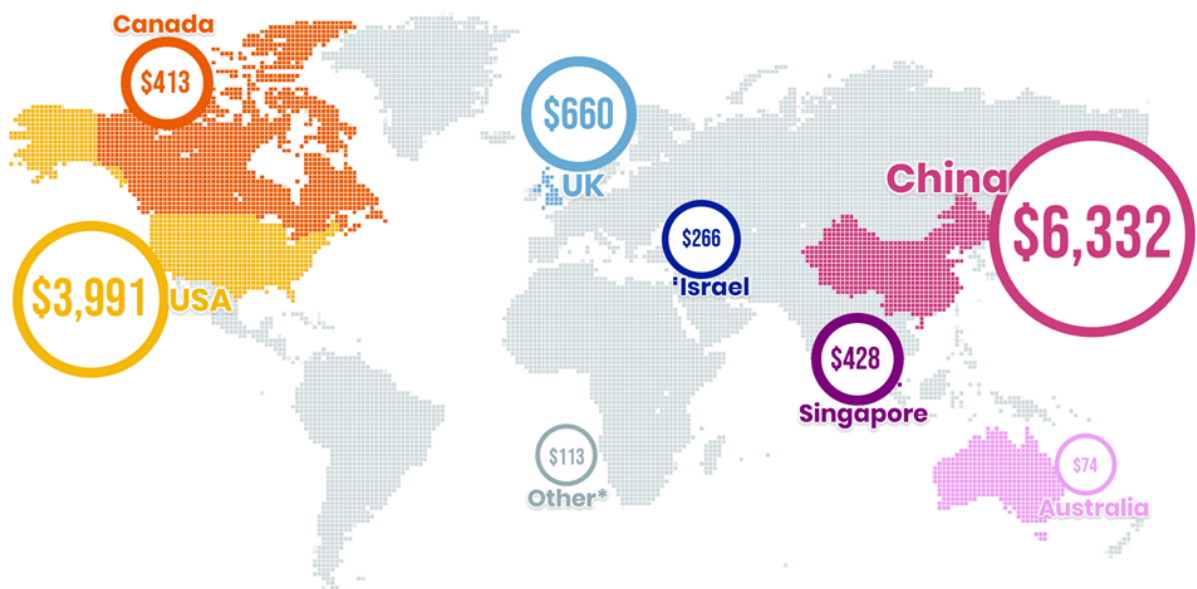
The majority of hardware revenues are from edge devices, particularly the various kinds of AI enabled camera device. Other market analysis dedicated to the wider market for AI solutions show a much heavier weighting towards software generated revenues, but the relative importance of computer vision solutions for the smart buildings market means hardware revenues constitute a solid proportion of the market and will continue to do so going forward. We estimate that hardware revenues currently make up 35.5% of the market.

The global AI industry is attracting significant investment and this trend also applies to those with solutions for the Smart Building market. 120 of the 255 firms in our list having received some form of declared equity investment. Of these, 111 have received \$1 million or more in declared funding with the median total amount of funding received by company running at \$12 million across all of the companies in our list.

For AI & ML Startups involved in the Smart Buildings market, our analysis of total funding received since 2010 indicates that Chinese firms are in receipt of the largest amount of total funding, with over \$6.3 billion, compared to \$3.9 billion for US firms. These two countries are by far and away the largest in terms of private AI investment.

Venture Capital Funding by Country

AI & ML Companies With Offerings to The Commercial Smart Building Market Total Funding Since 2010, \$M by Country



* = Includes companies from Taiwan, South Africa, France, Russia, Finland, India, Singapore, Switzerland, Belgium & Luxembourg



Who Should Buy This Report?

The information contained in this report will be of value to all those engaged in managing, operating and investing in Commercial Smart Buildings (and their Advisers) around the world. In particular those wishing to understand exactly how AI & Machine Learning Technologies are impacting Commercial Real Estate will find it particularly useful.

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How to Order

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