

Adoption of Li-Fi is expected to rise due to an increasing demand of higher, safe and secure internet speed at low cost



Li-Fi is a Visible Light Communications (VLC) system which allows high speed wireless communications



using light solving the problem of insufficient Wi-fi bandwidth

Transmits data



due to similar radio frequency waves



Works in high dense environment

LI-FI SYSTEM QUICKLY CHANGES ITS FREQUENCY, HENCE NOT VISIBLE TO HUMAN EYE



DOMINANT COUNTRIES

WHY LED?? LED's provide highest flickering speed, are efficient, cost effective & long lasting

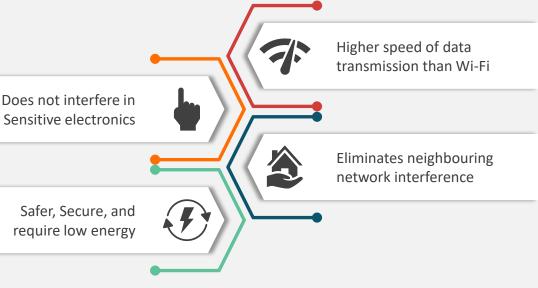


American region to hold the major share of the global Li-Fi market APAC is the fastest growing market due to increasing number of internet users, adoption

Rising data traffic and increasing demand for faster and secure data transfer propels North

of Li-Fi technology in automobiles, growing demand for bandwidth and increasing need for faster data transmission





KEY DRIVERS



Increasing adoption of LED based lighting systems owing to its low cost, easy availability, less energy consumption and longer life span

Rising need of secure high speed data transmission technology with minimal interference across V2V communication,

Smart Cities, Industry 4.0 etc.



KEY APPLICATIONS ACROSS INDUSTRIES

The technology is being leveraged across industries to

address issues where Wi-Fi usage is restricted



Panasonic

secure and radio wave-free connection.

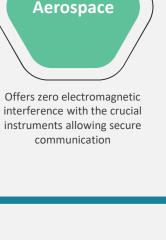


Medical



Banking &

Defense





pure LiFi

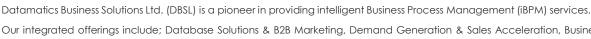


In 2018, Oledcomm Corporation introduced MyLiFi, an LED lamp offering an ultra-fast,





- technology are the key drivers of the Li-fi communication market The technology is expected to unlock the potential of IoT, drive Industry 4.0 applications and lead to the
- upcoming of light-as-a-service (LaaS) in the lighting industry However Li-Fi receiver chip is not yet embedded in smartphones and tablet due to lack of regulations. The Institute of Electrical and Electronics Engineers (IEEE) standards, related to Li-Fi chips, is expected be released
- by 2021, which could provide a major push for the adoption of the technology across various applications



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