

Li-Fi Technology

What is Li-Fi ?

- “LIGHT FIDELITY” is transmission of data through illumination.
- It is a light based Wi-Fi it uses light instead of radio waves to transmit information.
- i.e. sending data through a LED light bulb that varies in intensity faster than human eye can follow.



82%

The Li-Fi market was projected to have a compound annual growth rate of 82% from 2013 to 2018.



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History of Li-Fi

02

Implementation of Li-Fi

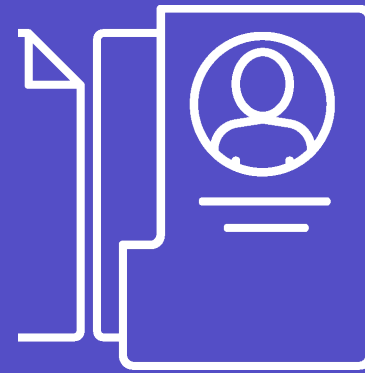
03

Application

Implementation of Li-Fi



Emitter



RF Driver



Power Supply

Applications

01

Modern medical
Instruments

02

In aircrafts and Data
Transmission

03

Underwater
communications



Advantages

- Larger bandwidth
- High efficiency
- High security
- Green information Technology
- More Availability
- No license needed

Limitations

01

Doesn't work in the dark.

02

Can't pass through objects

03

High installation cost

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Thank You