

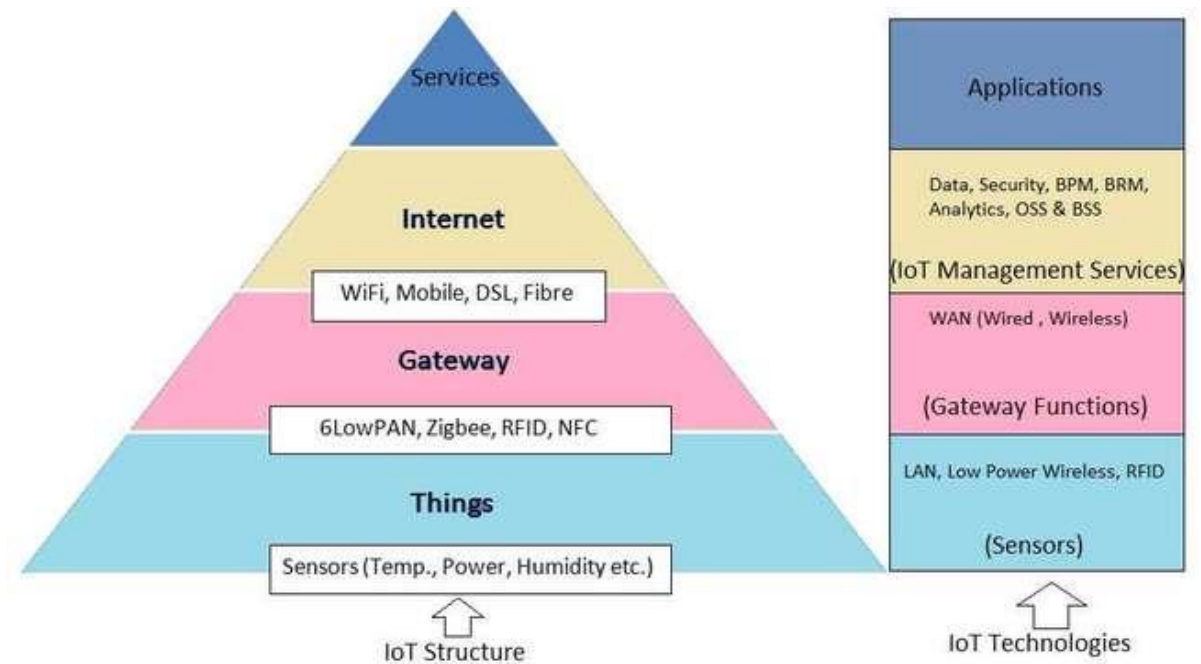


# **Internet of Things**

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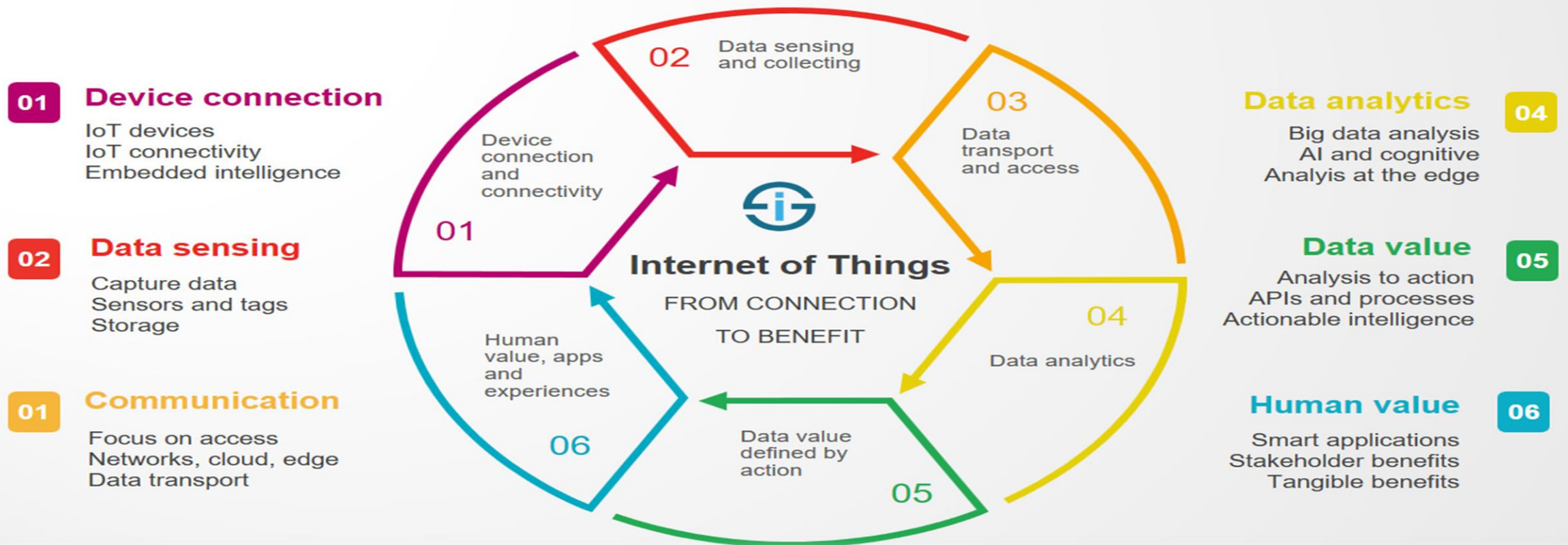
# WHAT IS INTERNET OF THINGS ?

It is the interconnection via the Internet of computing devices embedded in everyday objects, enabling them to send and receive data.



# HOW INTERNET OF THINGS WORKS ?

## The Internet of Things From connecting devices to human value



# WHERE IOT IS BEING USED NOWADAYS ?

- 1) Home Automation.
- 2) Wearables.
- 3) Smart Cities.
- 4) Agriculture.
- 5) Healthcare.
- 6) Environmental monitoring.
- 7) Manufacturing.
- 8) Transportation.

## Where enterprise IoT investments are going

Sub-Category	Total Funding	Startup	Funded Startups	Status
IoT Agriculture	\$960M	61	33	More mature
IoT Automotive	\$728M	49	28	More mature
IoT City and Buildings	\$1.3B	64	40	More mature
IoT Corporate	\$2.3B	26	18	More mature
IoT Industrial	\$536M	24	16	Newer
IoT Retail	\$320M	30	18	More mature
IoT Security	\$338M	17	10	Newer

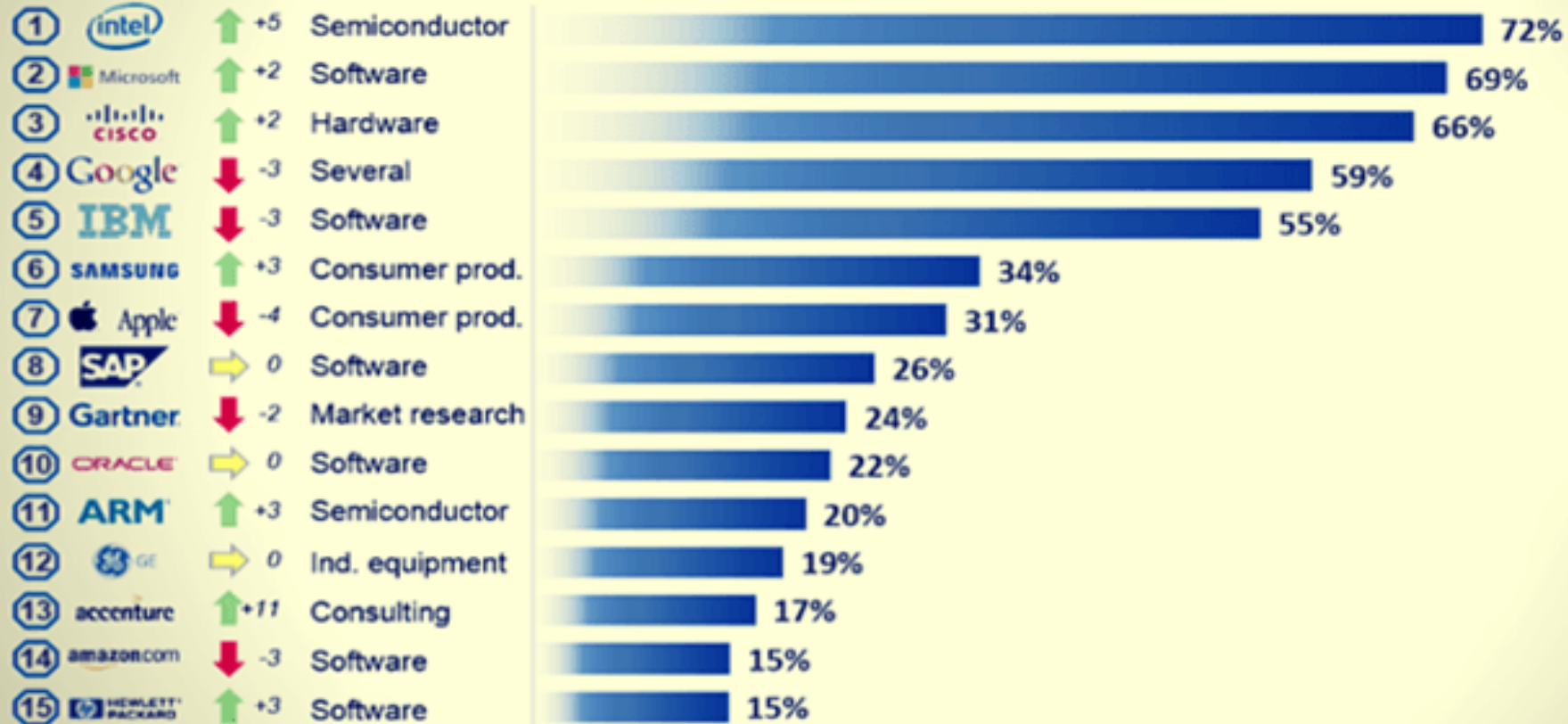
# GOVERNMENT REGULATION ON IOT

- Data security.
- Data consent.
- Still early days for IOT in government.
- Underdeveloped policy and regulatory frameworks.
- Clear institutional and capacity gap in government AND the private sector

# COMPANIES USING INTERNET OF THINGS

## The top 20 Internet of Things companies right now

Ranking based on web-analytics - Q1/2015



# BENEFITS OF INTERNET OF THINGS

- 1) Automation and control.
- 2) Time and Cost cutting.
- 3) Improved safety and security.
- 4) Increased productivity.
- 5) Tracking and Monitoring.
- 6) Maximized efficiency.

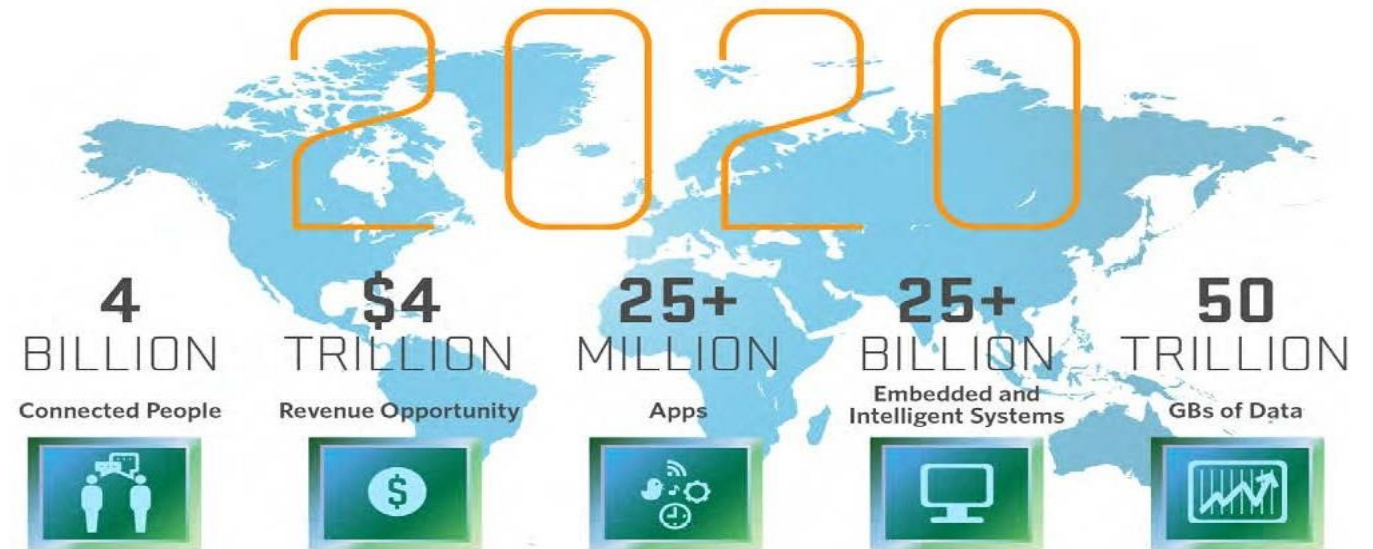
# LIMITATIONS OF INTERNET OF THINGS

- 1) Complexity.
- 2) Privacy and security.
- 3) Safety.
- 4) Power and Connectivity.



# FUTURE SCOPE OF INTERNET OF THINGS

- 1) Smart homes.
- 2) Smart farming.
- 3) Smart cities.
- 4) Smart waste management.
- 5) Smart transportation.
- 6) Industry automation.



# CONCLUSION

- With few threats that can be tackled efficiently, the benefits Internet of Things provides cannot be overlooked completely. This phase is the transitional phase for development of Internet of Things but the time is approaching when we will see IoT being an integral part of household as well as industrial activities.