



Evolution of IoT Future

Future of IoT

According to Statista, the total number of installed connected devices is expected to be 75.4 billion globally by 2025. This would be five times increase since 2015.

These numbers indicate that the future of IoT promises to be more innovative and revolutionary as compared to the present. That more and more domains would be embracing IoT is a foregone conclusion. Let's discuss some of the trends that will change the face of IoT:

5G integration

2020 has already seen testing of 5G by many companies. IoT architecture will be integrating 5G into systems, new as well as old. 5G would enhance capabilities of existing networks manifolds. 5G would not be replacing the existing network but enhancing its capabilities. Old or new, 5G would be enable transmission of data to and from cloud servers at lightning speed.

Single interface

As discussed earlier, more and more devices with varieties of capabilities are joining the IoT networks every second. users — individuals or Enterprises — would need a single interface that provides them end to end access instead of a basket of remotes and interfaces.

Multi-level privacy and security

Data privacy and security is going to be even more important. Historically data security has been implemented at device level be it a smartphone or a laptop or a any other smart device connected to the IoT network. However, in future privacy and security measures would be implemented at multiple layers between IoT endpoints.

Shift from products to services ecosystem

The key driver of any IoT system is the data generated by it. Companies providing products would gradually move towards services around insights provided by the data