



Industrial Internet of Things (IIOT)

- Digital/Connected factory
- Facility Management
- Production Flow Monitoring
- Inventory Management
- Plant Safety and Security
- Quality Control
- Packaging Optimization
- Logistics and Supply Chain Optimization







Starting from the refining process to the packaging of the final products, IIoT can monitor all the steps in the production line. This real-time monitoring of the processes helps in preventing any delay in production and also eliminates any unwanted tasks in the program inventory.





Quality control

loT sensors help in collecting the product data as well as third-party aggregated data from several stages of a product lifecycle. All these syndicated data and other data acquired can be later used to analyze, identify and correct quality-related issues.





Logistics and Supply chain optimization

Industrial IoT (IIoT) provides real-time access to supply chain optimization by keeping track of material, products, and equipment as they move through the supply chain. The manufacturers can then feed delivery information into systems like PLM, ERP among others. This data will help the manufacturers in predicting issues, reduce the inventory and prevent the need for capital requirements.

Summary

There is an endless unfolding of technologies that is happening, but not every evolving technology will have the potential to break through the business and social construct.

It is believed that IIoT is an important technology that can create economic transformations. It has been estimated that it can create an economic impact of up to

\$6.2 trillion by 2025.

It also has the substantial potential to drive the productivity of about \$36 trillion and operating costs across the manufacturing industry as well as healthcare and mining.