IOT for Inventory Management Concept, Current Use, Impacts, and Future Potential

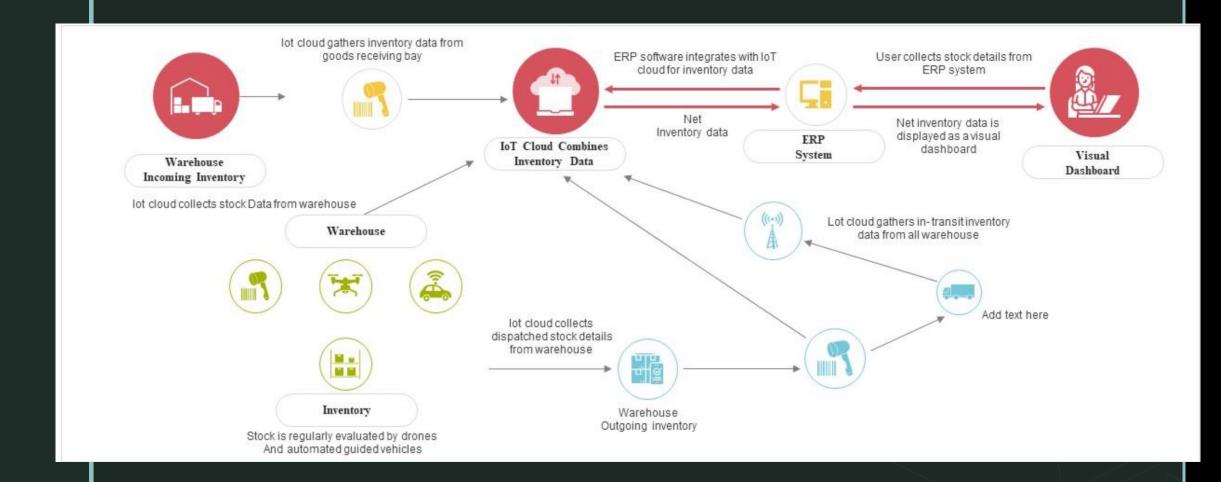
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- A relevant example
- Types of Inventory
- Function of Inventory Management
- Impacts of Inventory Management
- Benefits of Inventory Management

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A relevant example



- Finding a product in a huge warehouse is the primary reason for delivery delays. You can eliminate that by using IOT tracking sensors.
- The RFID tags help a lot when it comes to locating the product within the warehouse.
- With an lot enterprise platform, you get details analytics of your inventory.
- Moreover, you can track every single product in the inventory.
- lot tracking sensors with management system will help to predict future needs.

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Types

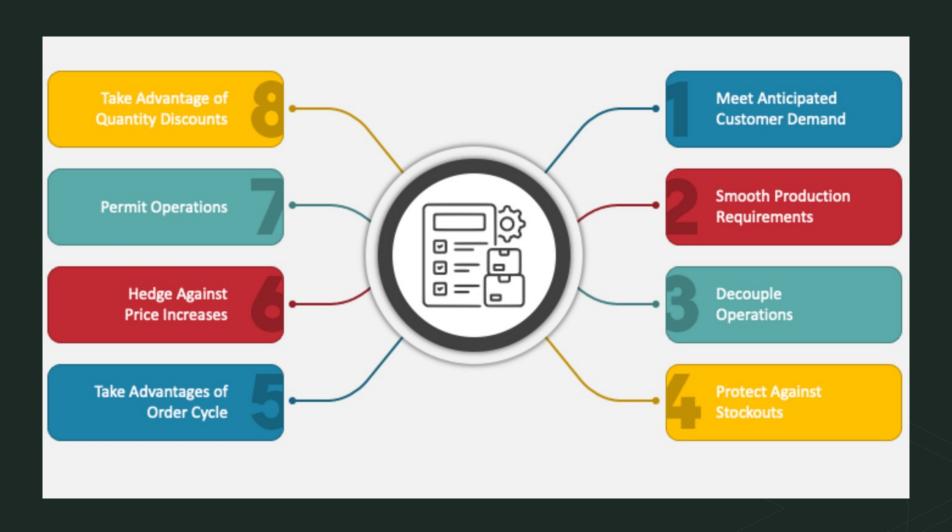
- Raw materials
- Purchased parts and supplies
- Finished Goods
- Work-in-process
- Items being transported
- Tools and equipment

Inventory Management

- Tracking your assets
- Managing your assets within the warehouse
- Optimizing the inventory flow
- Using RFID technology
- Enabling predictive maintenance

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Function of Inventory Management





Tracking Products

IoT integrated tracking systems allow producers to

- Manage warehouse space to make deliveries efficient
- Locate packages
- Create orders automatically when lower supply is left
- Add text here



Securing Operations

Connected appliances allows businesses to -

- Increase Control over entry and exit points of warehouse
- Send alerts when something goes missing
- Block doors and track assets remotely
- > Add text here



Managing Vehicles

Sensors and devices allows warehouses to -

- Track vehicle condition, fuel and driver behavior
- Measure tire pressure and coolant level
- Maintain temperature and humidity conditions
- > Add text here

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Impacts of Inventory Management

- The environment is changing, though, thanks to growing IoT technology. In terms of asset tracking, IoT sensors are expanding their capabilities and contributing in the process of getting parts, goods, and resources where and when they are required.
- Furthermore, with the help of IIoT and RFID, organizations may overcome the complexity associated with manual procedures and monitor inventories in real-time.

Real- time contribution for effective supply chain

Management Warehouse

Artificial Intelligence Algorithms loT offers
accurate
location
monitoring
and improved
inventory
tracking

Better Lead Management

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Benefits of Inventory Management

- Inventory tracking and reporting automation
- Constant insight of the number, position, and movement of inventory items
- Inventory Management
- Identifying operational bottlenecks
- Optimization of lead time

Some references

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Thank You