

Talk Structure



- Introduction & Importance of Last-Mile Delivery
- Challenges in Last-Mile Delivery
- Role of Cloud Computing in Last-Mile Logistics
- Impact of IoT on Smart
- Real-World Use Cases & Industry Examples
- What is coming in the next 5 years?
- Closing Thoughts

Introduction and Importance of Last-Mile



"Last-mile delivery is the final and most crucial step in the supply chain—it directly impacts customer satisfaction."



Industry Insight: Accounts for 53% of total shipping costs and is the biggest pain point in logistics due to urban congestion and delivery inefficiencies.



Purpose of Talk: Explore how Cloud Computing and IoT are transforming lastmile delivery through real-time tracking, predictive analytics, and smart logistics.





Challenges in Last-Mile Delivery

HIGH COST & INEFFICIENCY

LACK OF VISIBILITY



CUSTOMER EXPECTATIONS

Role of Cloud Computing in Last-Mile Logistics



Real-Time Data Processing



Predictive Analytics



Scalable Infrastructure



Example: Amazon Web Services powering Amazon's last mile delivery

Impact of IoT on Smart Logistics



Real-Time Tracking & Monitoring



Smart Warehousing

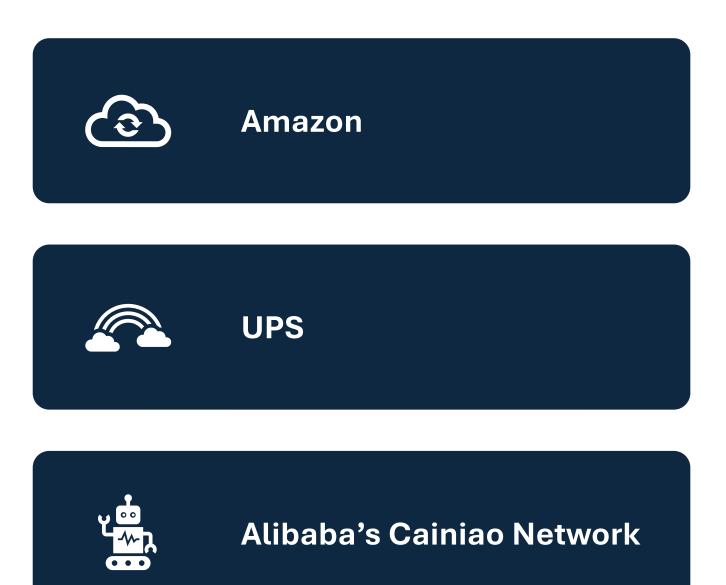


Fleet Management



Example: DHL's IoT-enabled delivery vehicles

Real-World Use Cases & Industry Examples



What is coming in the next 5 years in last-mile?





Drones

Autonomous Vehicles

Both these technologies will drive a reduction in:

- 1. Cost/delivery (\$ 2-3)
- Delivery times (<2 hours)
- 3. Carbon footprint/ delivery (95% lesser carbon emissions than IC engine vans)

Cloud and IoT will be enablers for both these technologies

Closing Thoughts



Key Takeaway: Cloud Computing and IoT are revolutionizing last-mile delivery by **enhancing visibility, reducing costs, and meeting customer expectations**.



Future Outlook: Integration of **AI and 5G with cloud and IoT** will further optimize last-mile logistics.



Closing Statement: "By embracing Cloud Computing and IoT, businesses can transform last-mile delivery from a cost center to a competitive advantage."