



Mu Sigma

Industry 4.0

The Connected Factory

Do The Math

**Chicago, IL
Bangalore, India
www.mu-sigma.com**

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Proprietary Information

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Why are we here today?

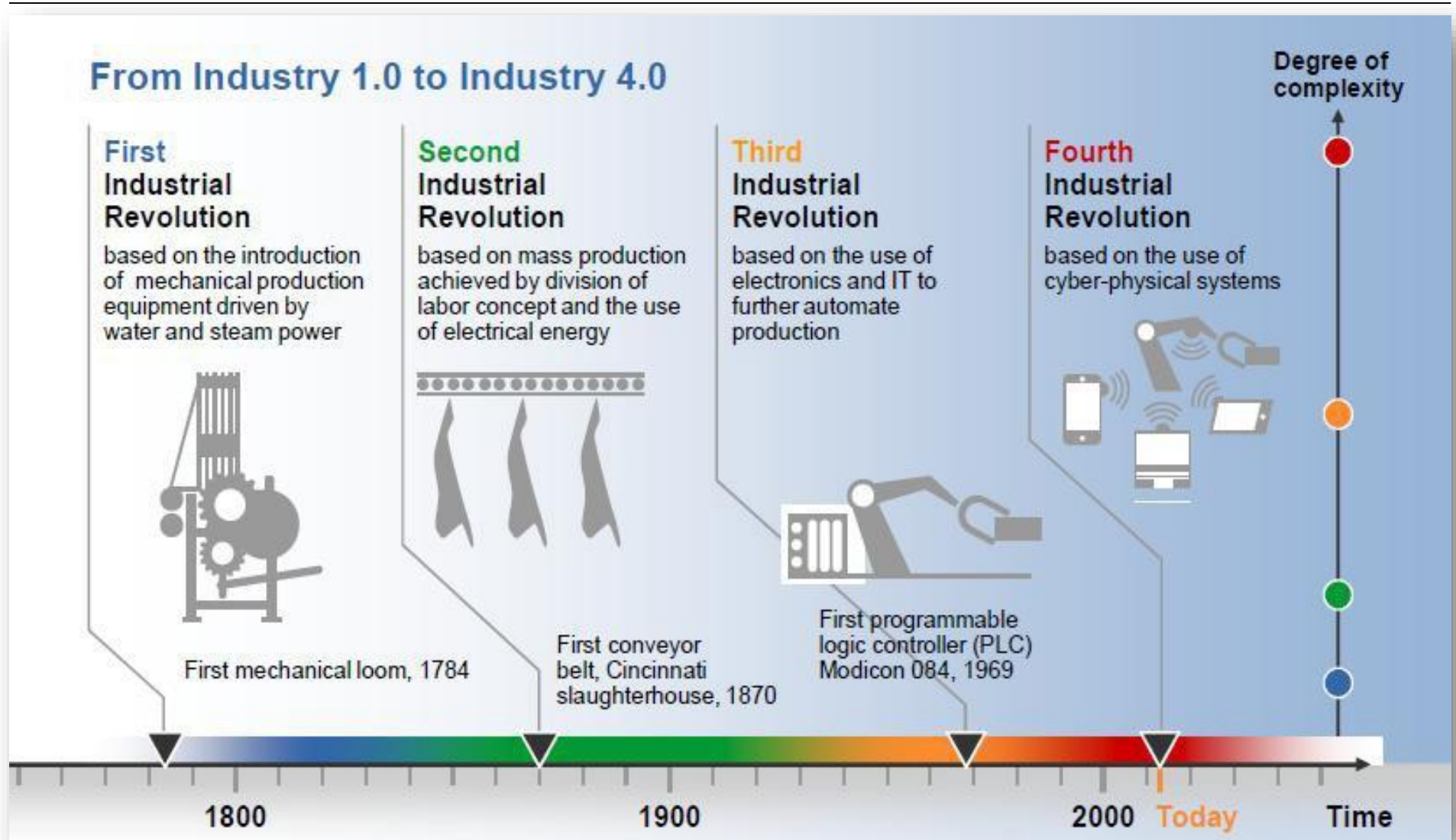
- ▶ **Understand the concept of Industry 4.0**
- ▶ **Evolution of Industry 4.0**
- ▶ **Industry 4.0 Elements**
- ▶ **Industry 4.0 Framework**
- ▶ **Approach to IIOT**

Industry 4.0 – The Connected Factory

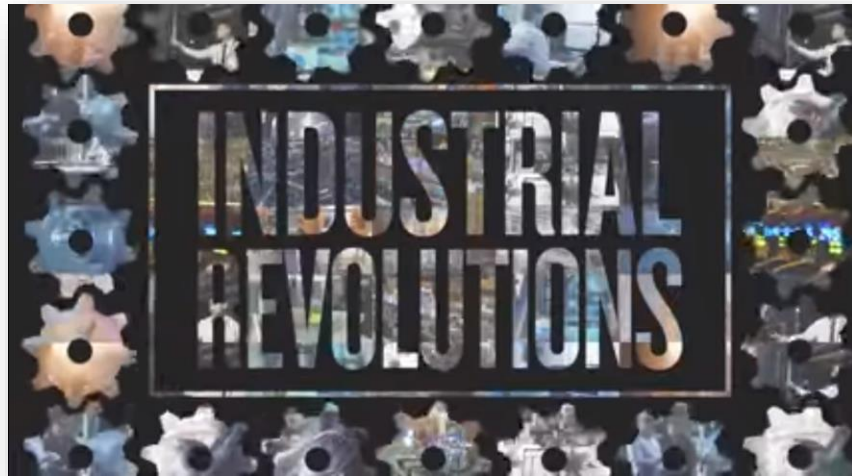
Industry 4.0 refers to a new phase in the Industrial Revolution that focuses on integration of people, process and platform with the power of advanced computing, real time analytics, low cost sensing and new levels of connectivity.



Manufacturing processes have evolved over the years and we are currently in the midst of the 4th Industrial Revolution



Let's have a look at what the experts say on Industry 4.0

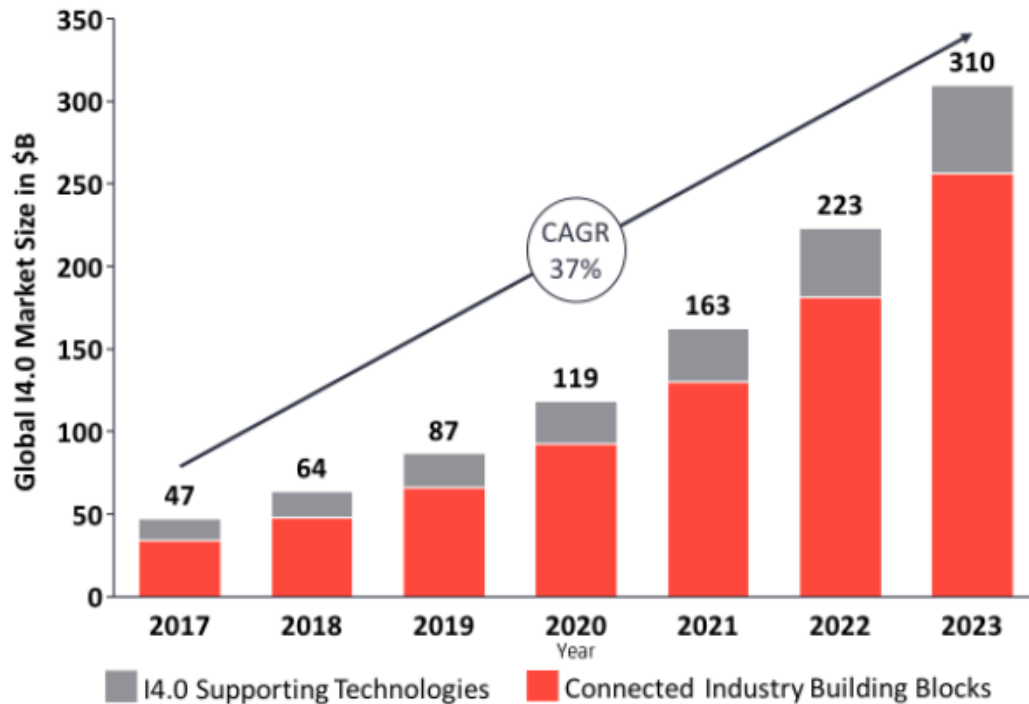


<https://www.youtube.com/watch?v=ktcRXyE8SaY>



<https://www.youtube.com/watch?v=EiLVzOLMj9g>

Manufacturers are keen to adopt Industry 4.0 technologies and the global IIOT market is expected to exceed \$310 billion by Fy2023.



Source: IOT Analytics

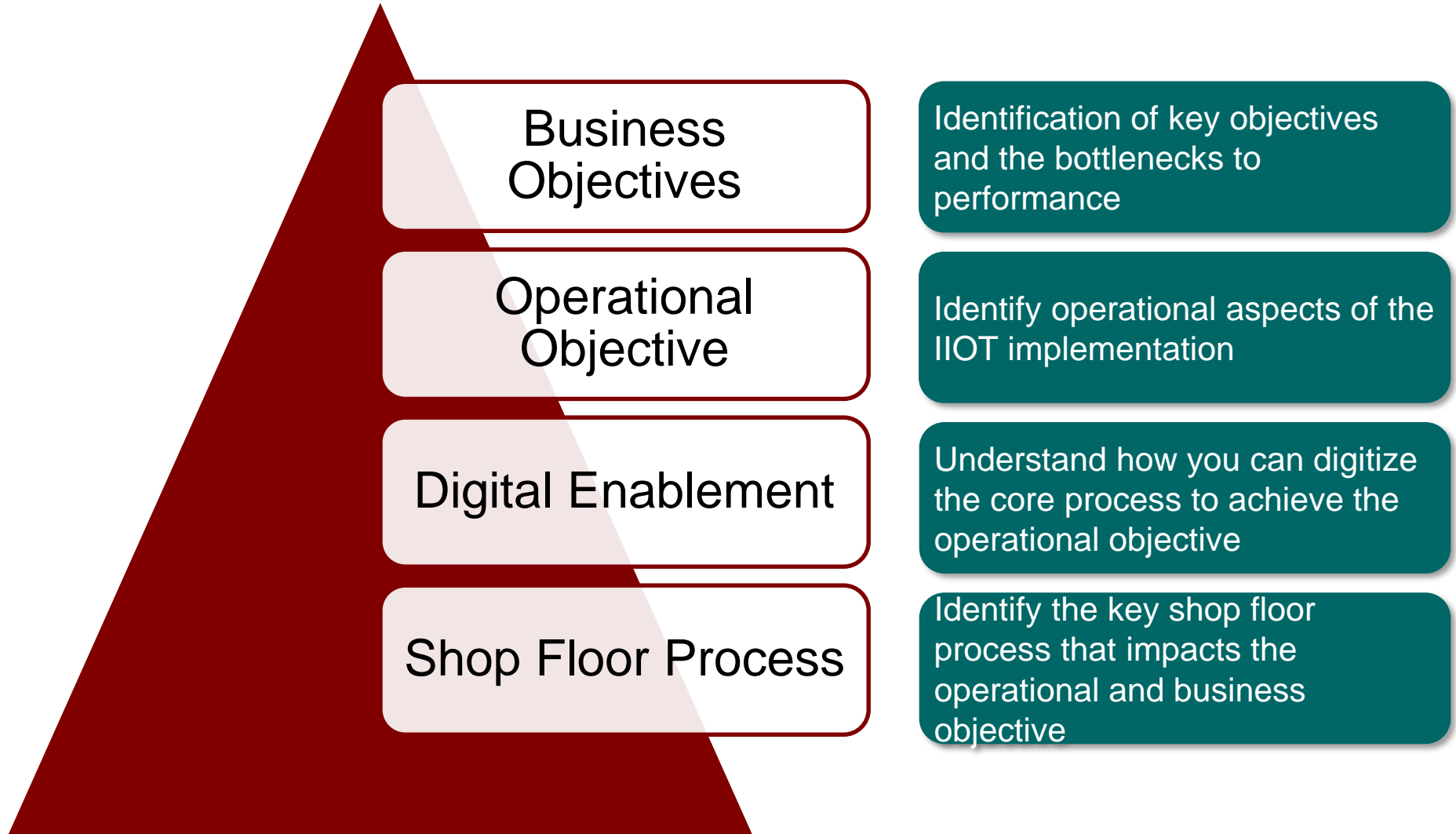
Six Connected Industry Building Blocks

Cyber Security	Security Protocols and Standards
Applications	Industrial App Store
	Application Development
Cloud, Platform and Analytics	Data Analytics and AI
	IOT Platforms
	Hosting Environments
Connectivity	M2M Networking Services
	Networking Protocols
Hardware	Connectivity Hardware
	Sensors
	Microchips
	Others
System Integration	Data Integration
	IT-OT Integration

Six Industry 4.0 Supporting Technologies

Additive Manufacturing
Augmented Reality
Collaborative Robotics
Connected Machine Vision
Drones/ UAVs
Self-Driving Vehicles (AGVs)

The IIOT Enterprise Framework





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Thank you

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