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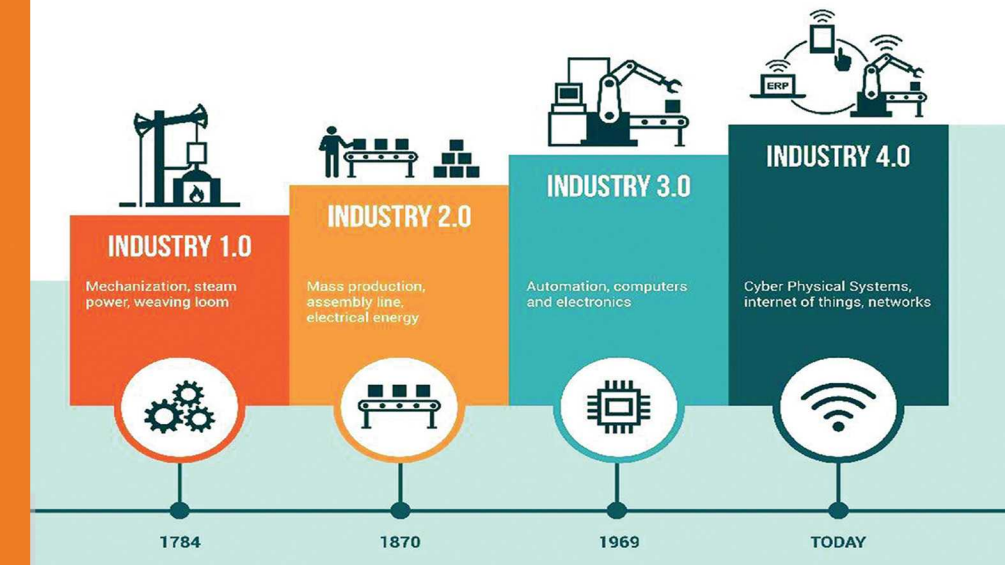
الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري
Arab Academy for Science, Technology & Maritime Transport



AASTMT - PTI & Valenciaport Fundacion Cooperation

A Joint Diploma

DIGITAL TRANSFORMATION
TOWARDS FOURTH GENERATION PORTS
"SMART PORTS"



1st Week in Alexandria, Egypt 2nd Week in Valencia, Spain

25 Hours per week

2025: Transformation of Business Organization Structure

Business Model

Business Model

Significance is creating the business model based on customer needs and provide them with alternatives to address profitability, performance and management and complexity of supply chain operations and delivery to end-customer, not better goods.

The new type of business model of industry will be created by providing the services of digital transformation through the end-customer will be focused on an according to flow with the end-customer demand and remove the costs of which is cost to sell and transport equipment. Thus, service and support are made with digitalized equipment with no other factors are used by utilizing, monitoring and managing activities ultimately achieved by streamlining processes and other services will be decreased to reduce the production cost for large scale, mass to mass.

The success of this service will depend on the use of the emerging technology in the past digital transformation through big data, etc. also related to the data flow.

Business Model

Company will shift business of providing products and services to get and service customers.

Business Model

- 1. Digital equipment and digital services
 - 1.1. Digitalization of IT
 - Cloud computing
 - Big data and analytics
 - Big data and analytics for supply chain
 - 1.2. Digitalization of production
 - Industry 4.0
 - Smart manufacturing
 - Smart manufacturing system
 - Addition of the digital devices and digital services
 - Smart manufacturing ecosystem
- 2. Transformation model
 - The addition of service
 - Service ecosystem
 - Service network
 - Service platform
 - Service platform
 - Platform technology
 - Big data analytics and artificial intelligence
 - Cloud computing
 - Digital manufacturing and service ecosystem
 - Big data
 - Digital technology, service ecosystem and other technology
 - Internet
 - Blockchain

Business Model

Shift of business model : The flow is significantly shifting from flow to get - offer mode directly to the customer. Digital products **FREE** and **Service** **FREE** through using the network of the service. The flow - **Service** - **Free** flow mode. (Service, etc.)

Business Model

- Platform, big data and artificial intelligence
 - Cloud computing ecosystem
 - Digital manufacturing ecosystem
 - Service ecosystem
 - Service ecosystem ecosystem of service
- Platform - Service ecosystem