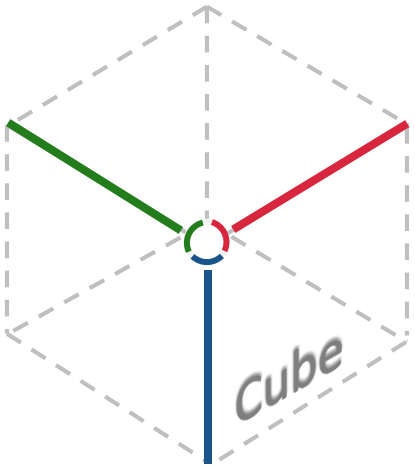
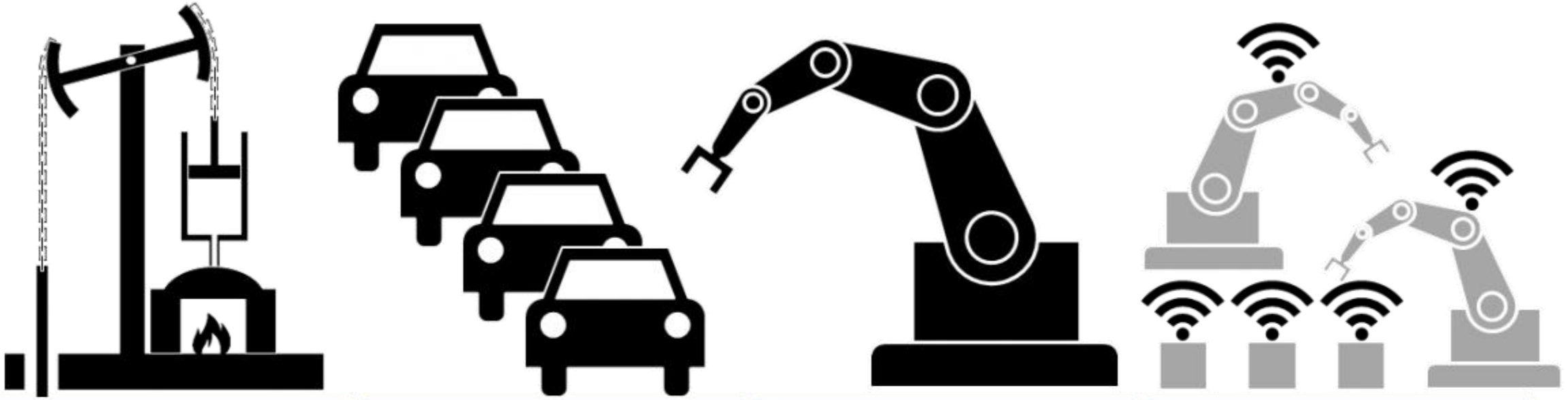
iCube



Industrial
Informatics &
Intelligent
Systems

Industry 4.0

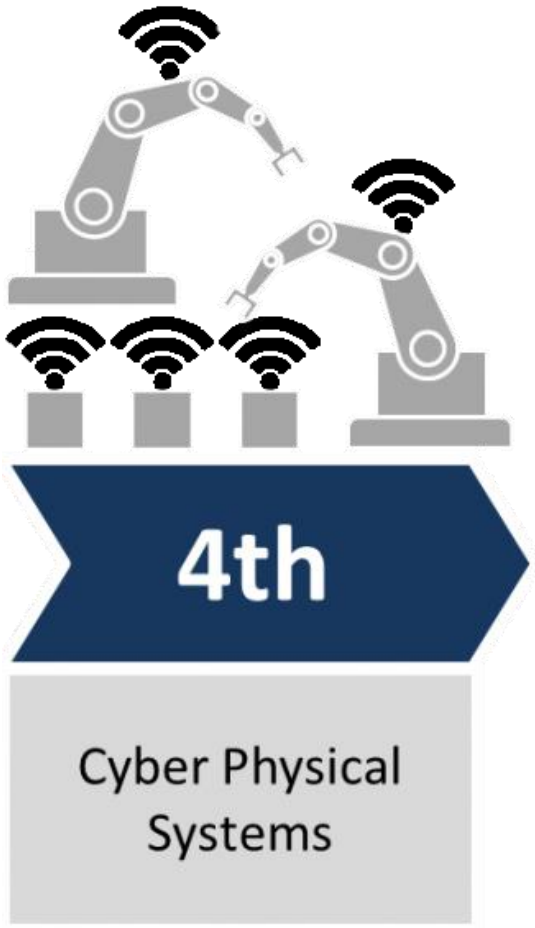


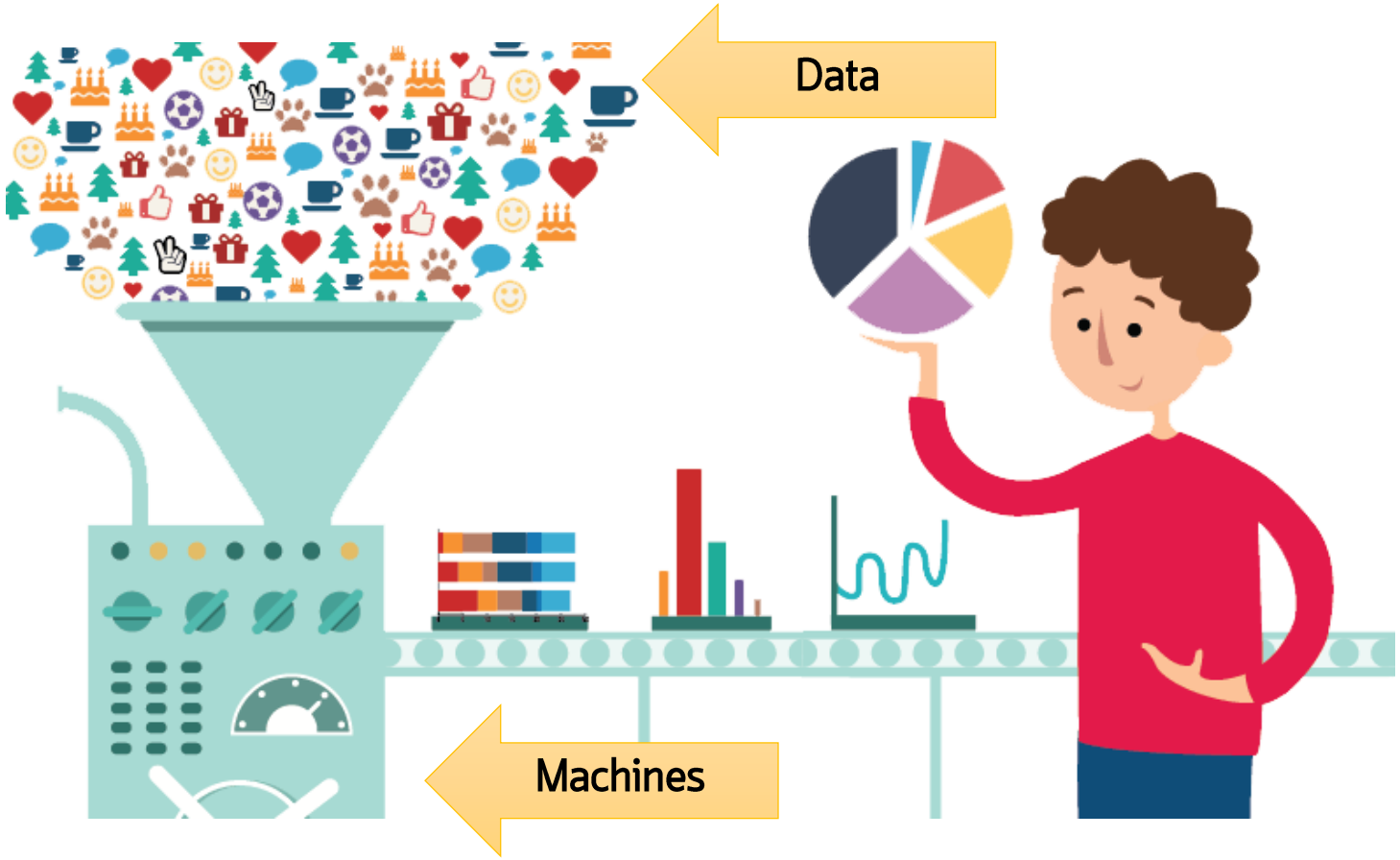
1st	2nd	3rd	4th
Mechanization, water power, steam power	Mass production, assembly line, electricity	Computer and automation	Cyber Physical Systems

Source: Christoph Roser at AllAboutLean.com

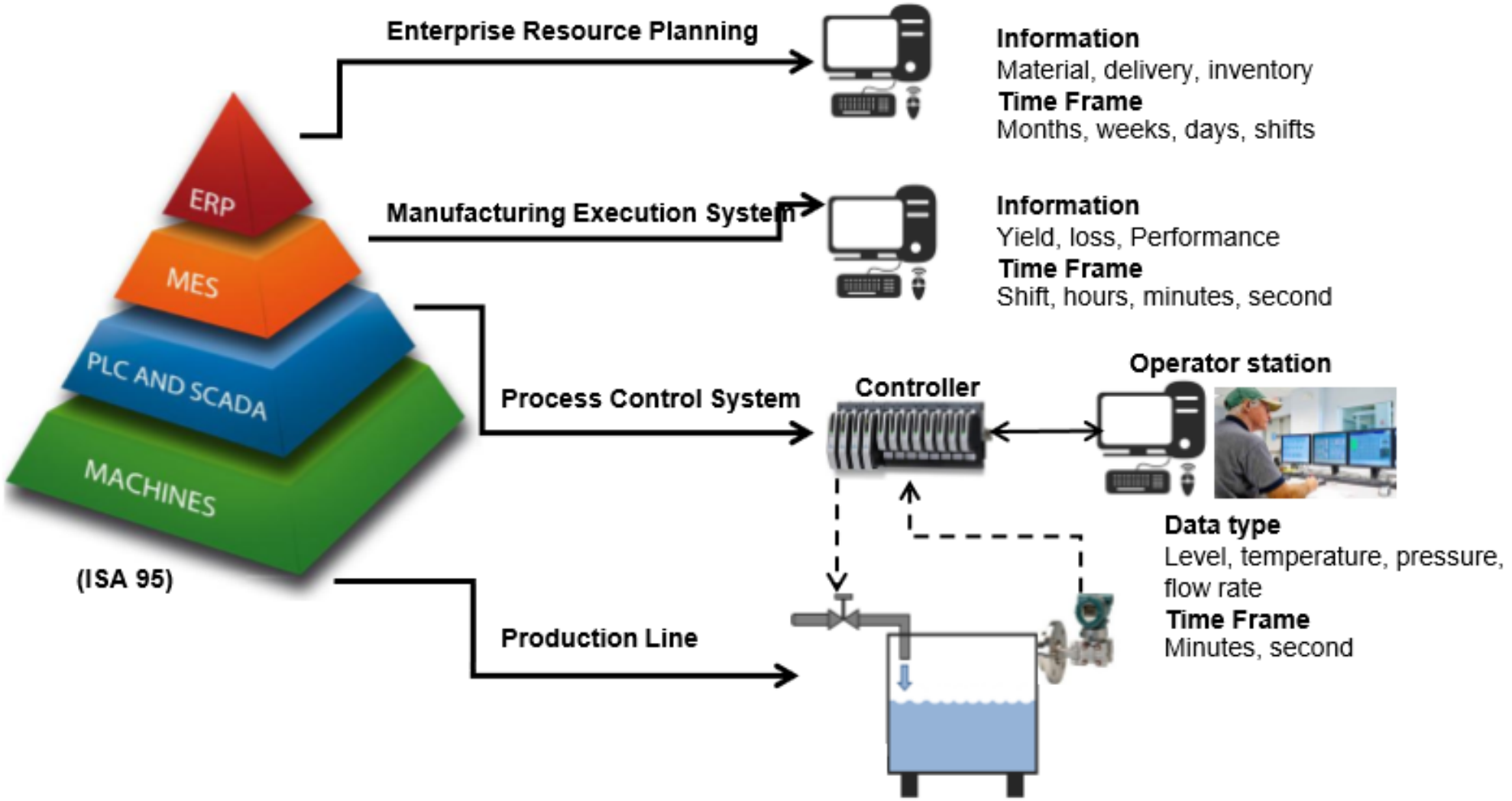
Industry 4.0

Machine and the data must be able to be linked together.





ISA-95 Data level



What's happening today

Implement monitoring on factory, analyze data and report to the top executives for making important decisions.

Background of the Problem

Current solution

Using humans for tracking and bookkeeping

Pain Points

1. Labor shortage
2. Human Perception Limit
3. Human Error
4. Delay time tracking data

Our Solution

Real-time Information Management System

(Manufacturing as a service - MaaS)

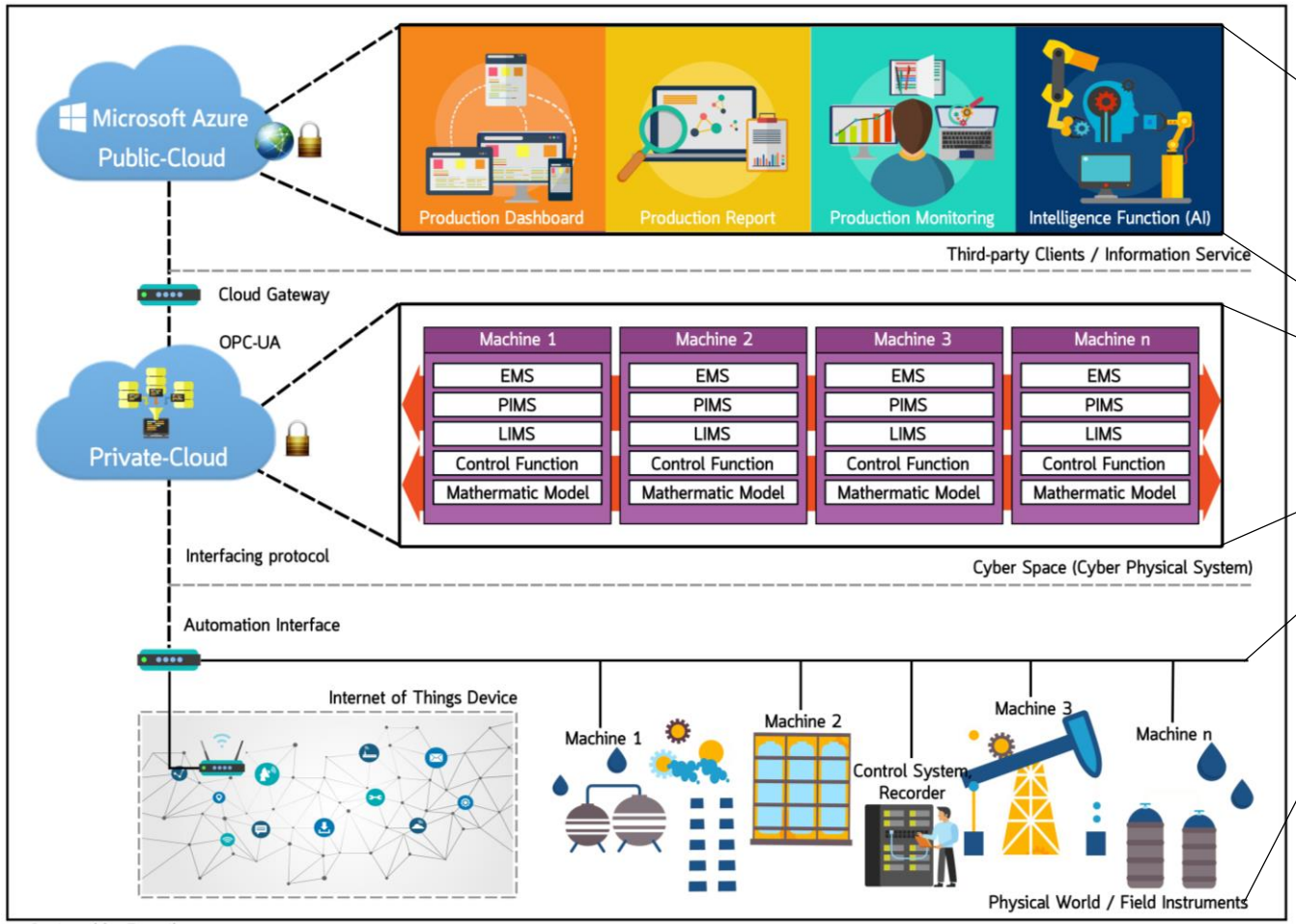
We solve the problem of “Human Factor”

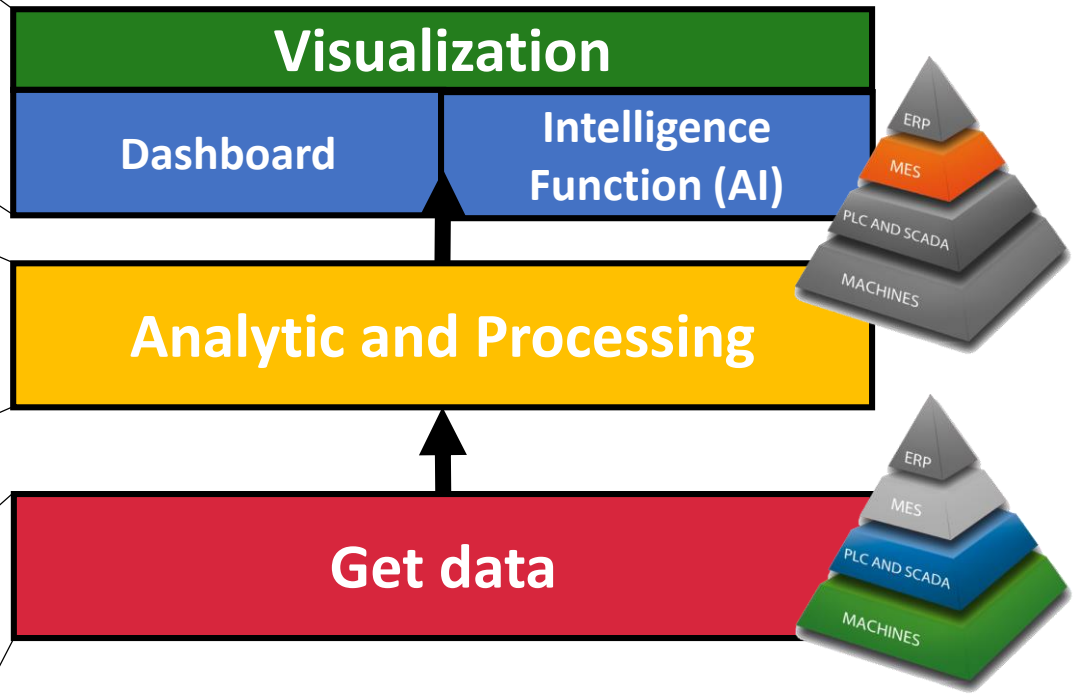
Human Error

Labor shortage

Human Perception Limit

Our Solution





Key Benefits

1. Save human labor cost
2. Reduce human errors
3. Data reaches executives quicker
4. Can see information that human