

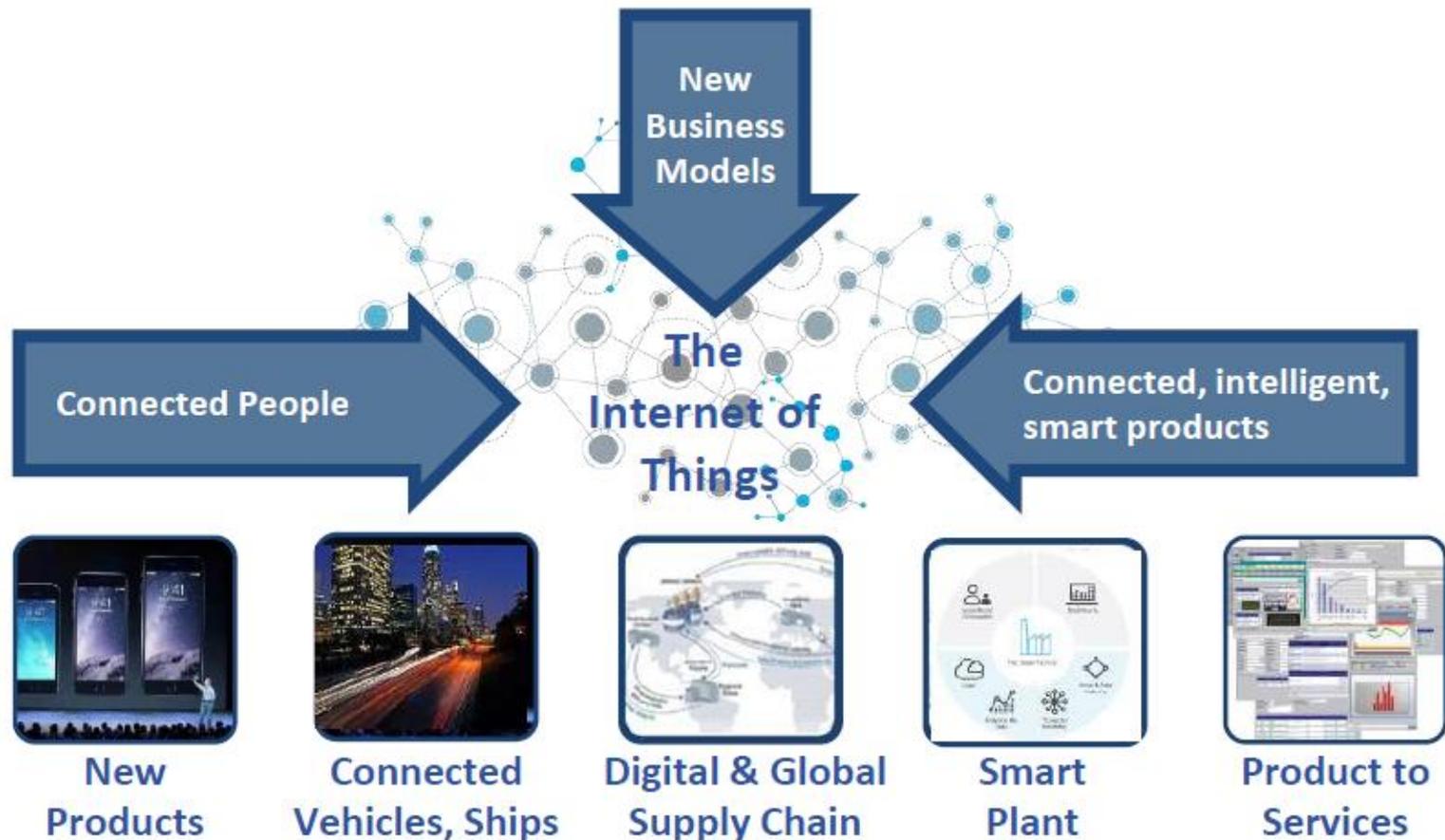
INTEGRAZIONI

.... indispensabili !

Integrazione dei processi/sistemi produttivi/logistici.

*Ci sarà 4.0 però se tutto/i gli aspetti/processi/sistemi
verranno integrati, anche fisicamente.*

Un cambiamento profondo nell'ecosistema Industriale



THE CONNECTED ENTERPRISE

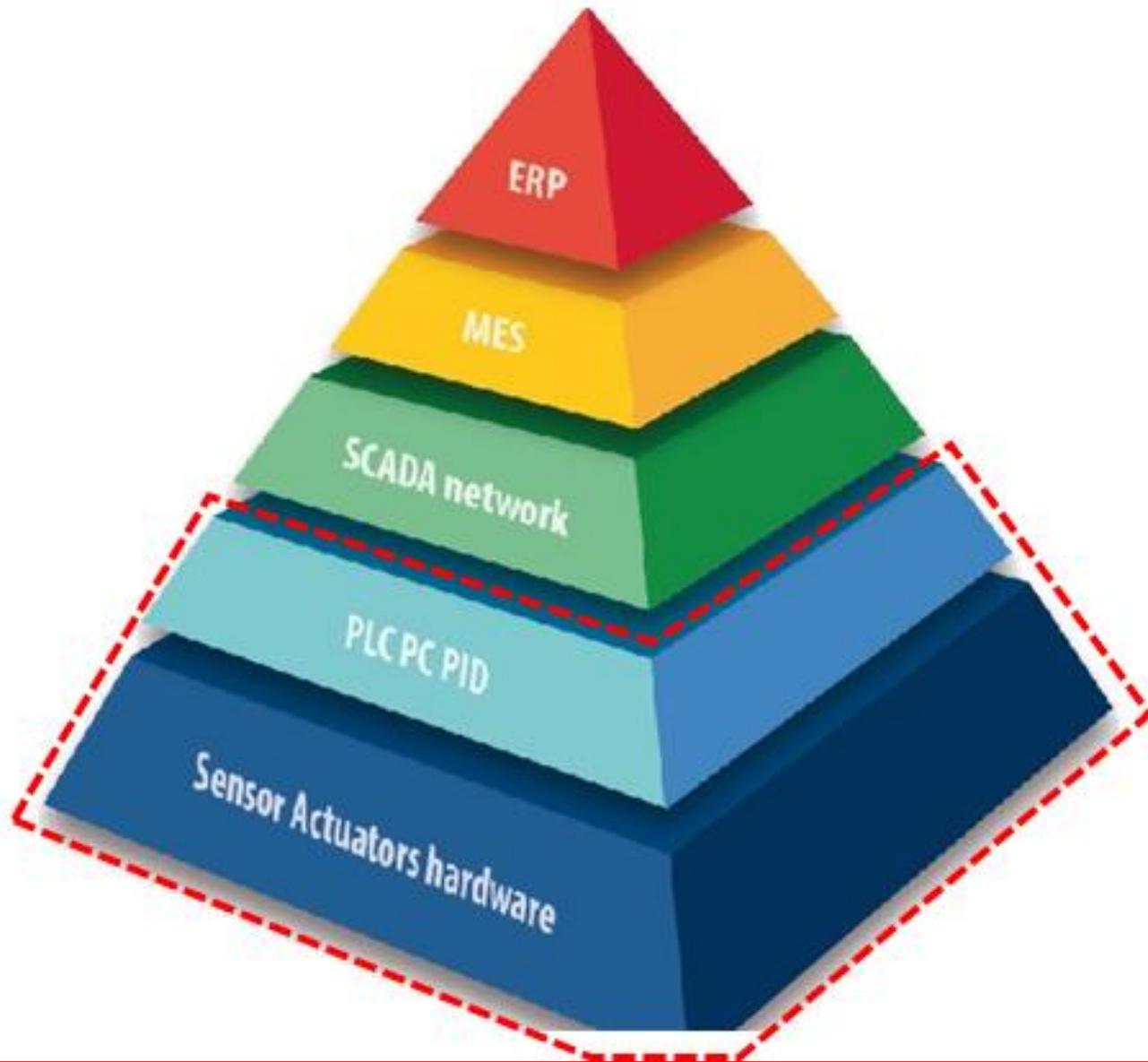
Makes Industry 4.0 work for you thanks to the Industrial IoE

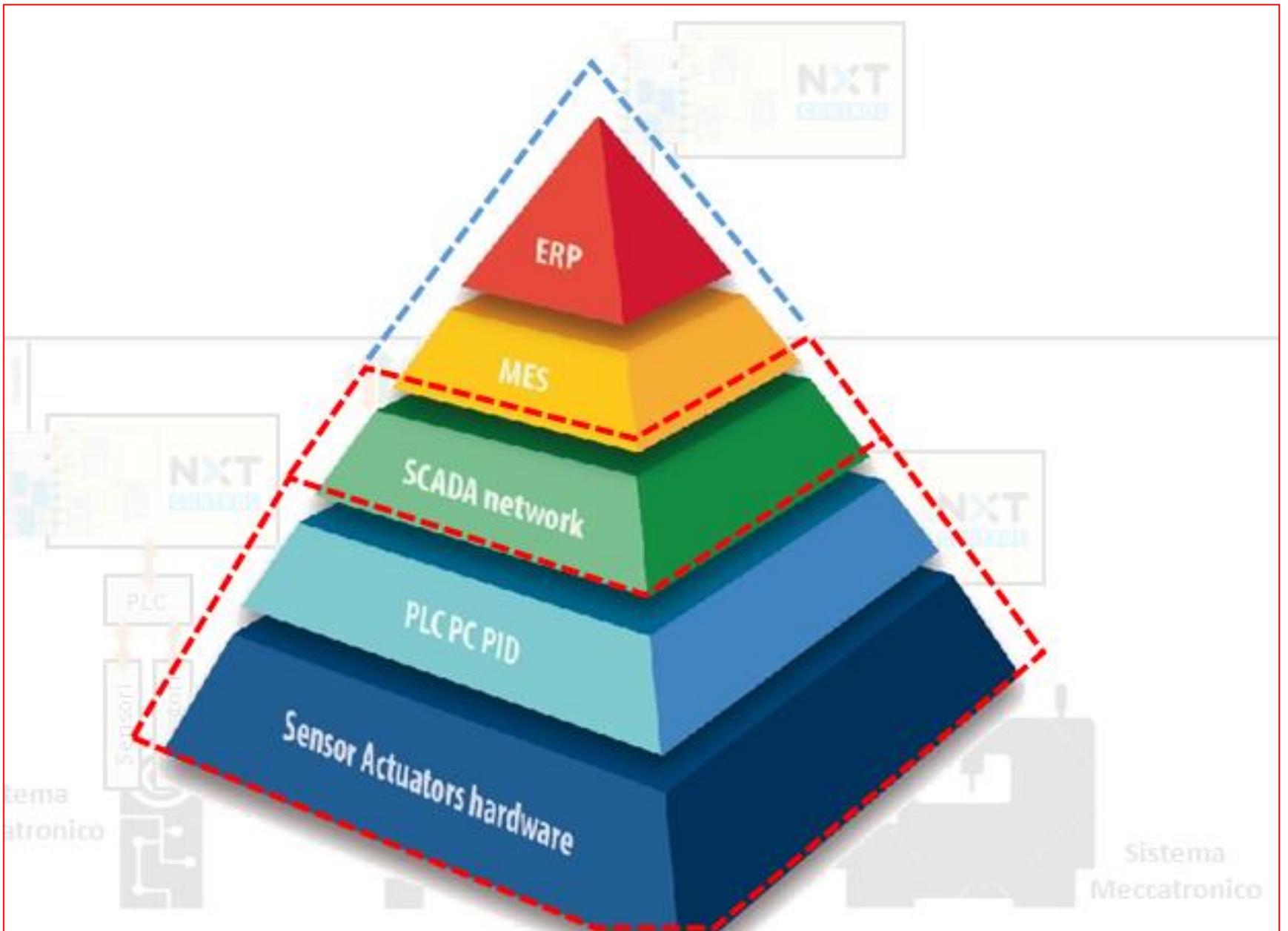


THE CONNECTED ENTERPRISE

INTEGRATED CONTROL AND INFORMATION

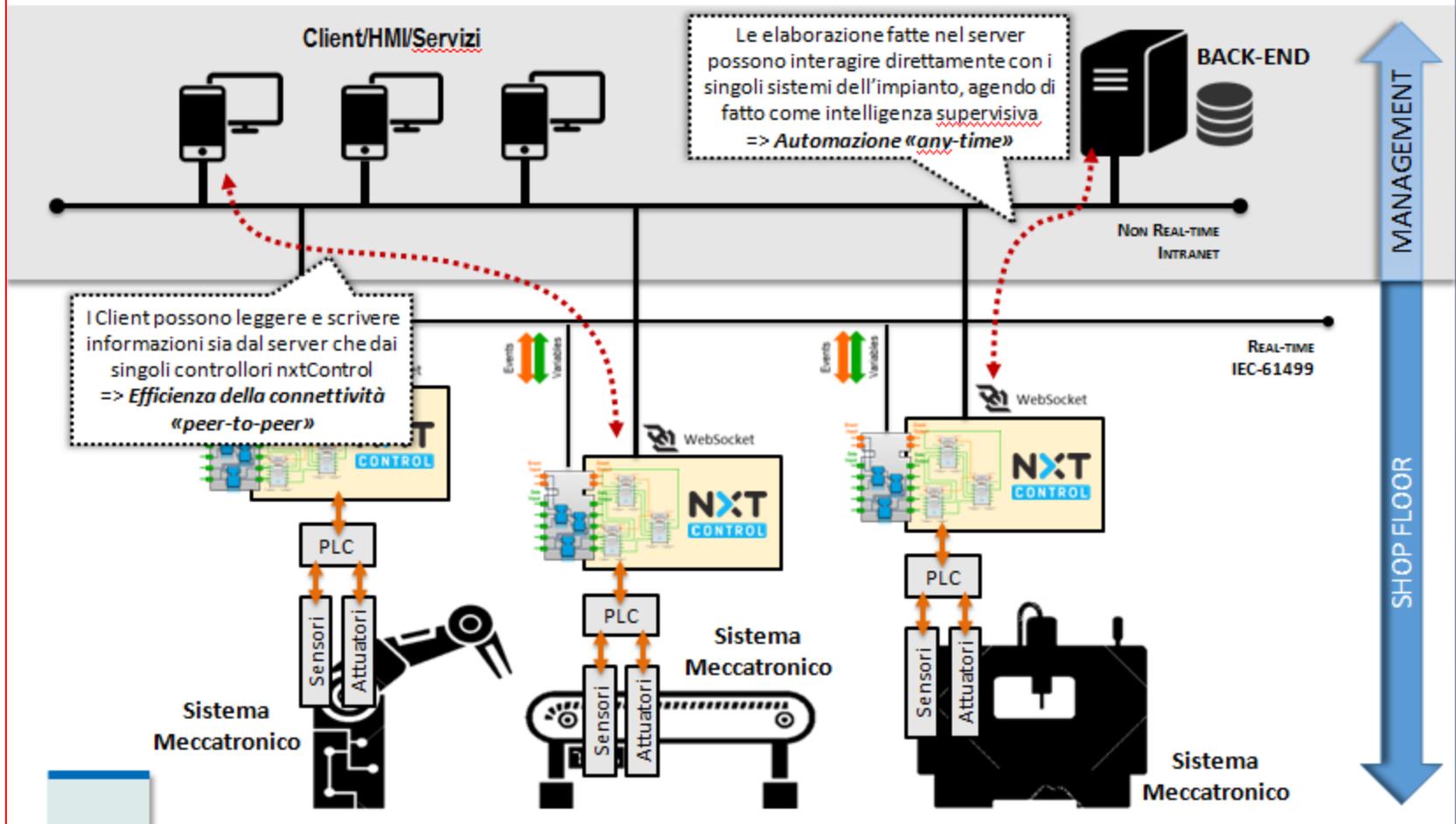






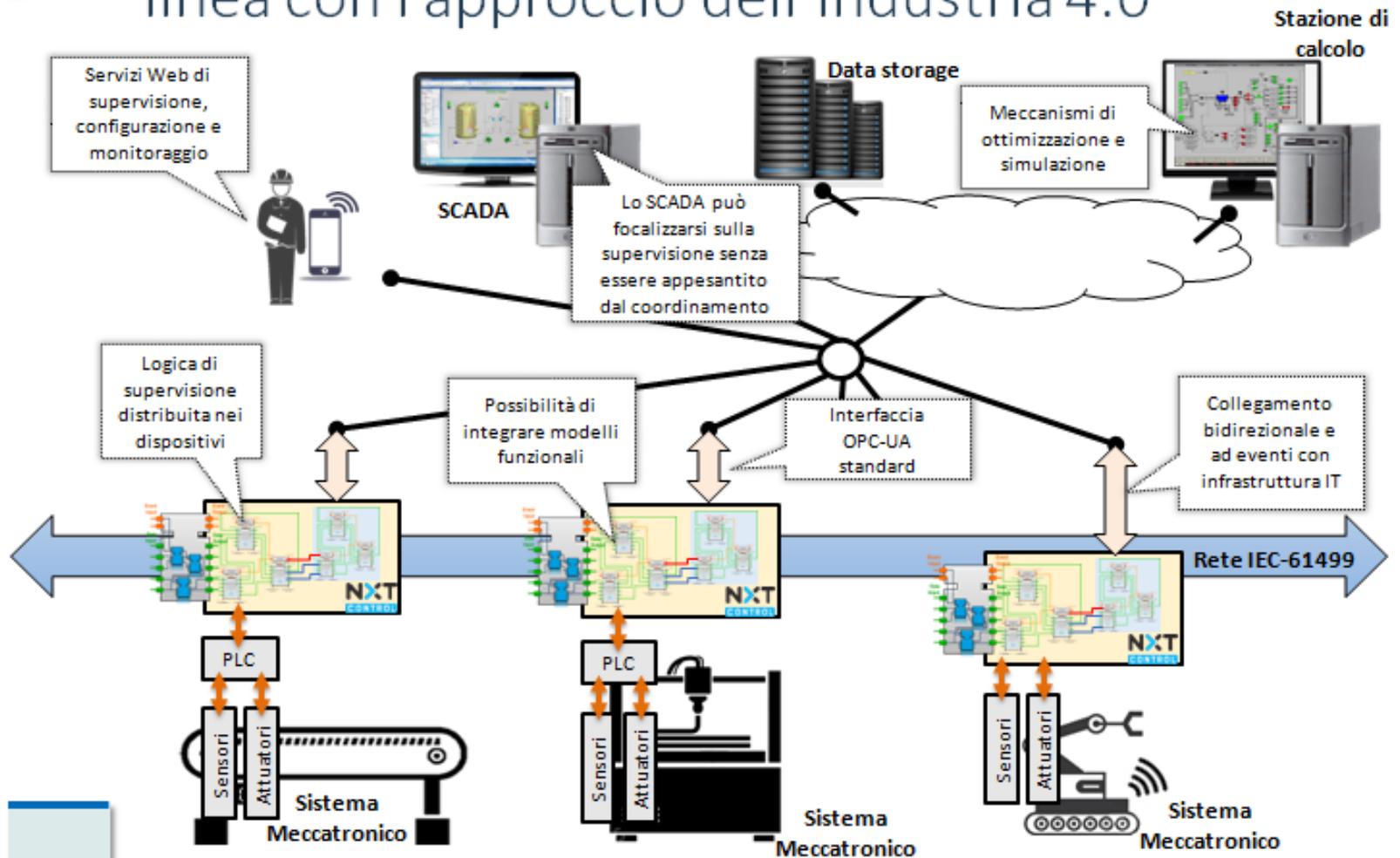


Dalla piramide dell'automazione alla «Digital Automation»

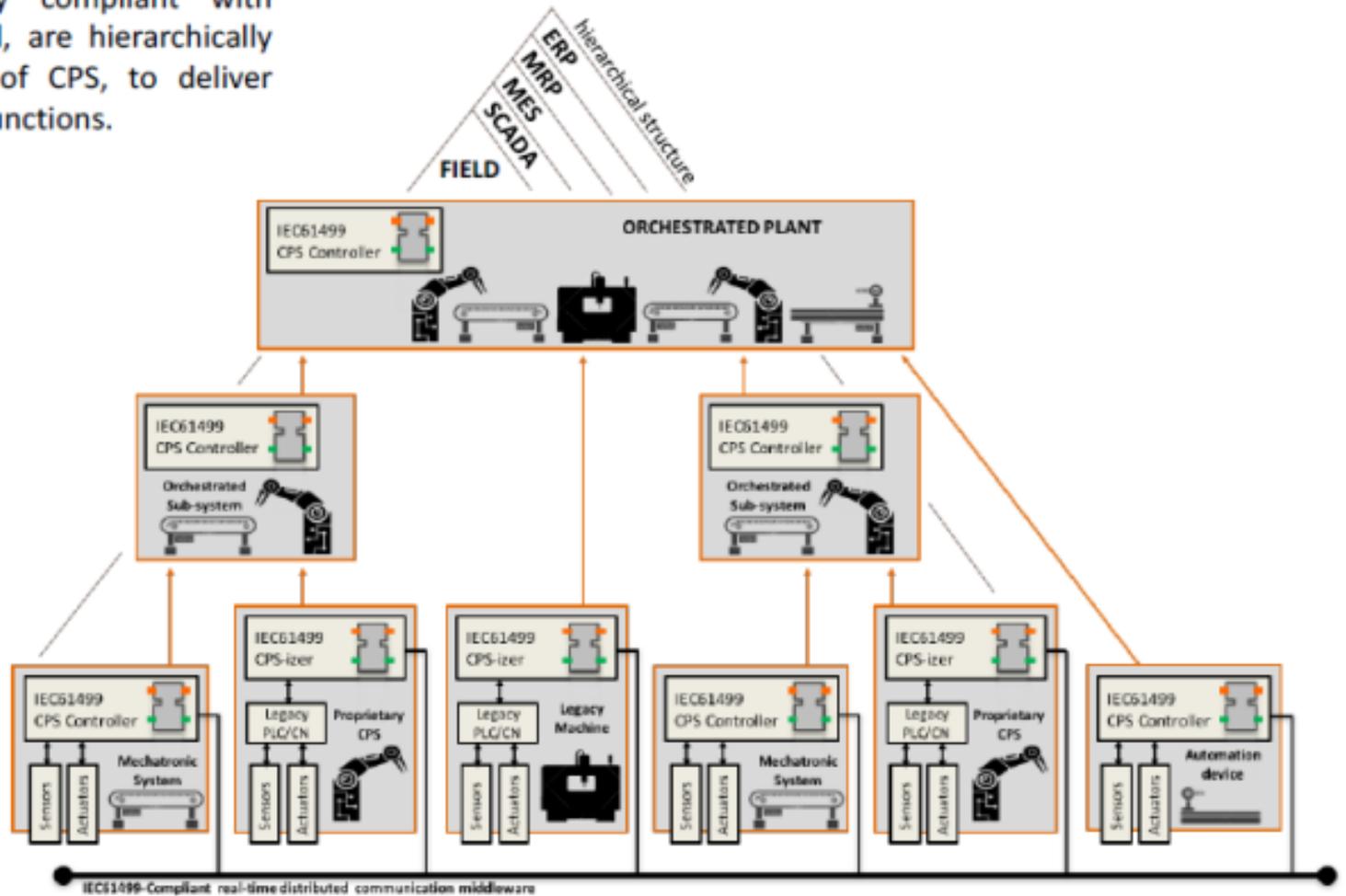




Una soluzione pronta per la supervisione di linea con l'approccio dell'industria 4.0



Single CPS, natively compliant with IEC61499 or CPS-ized, are hierarchically arranged in groups of CPS, to deliver higher and complex functions.

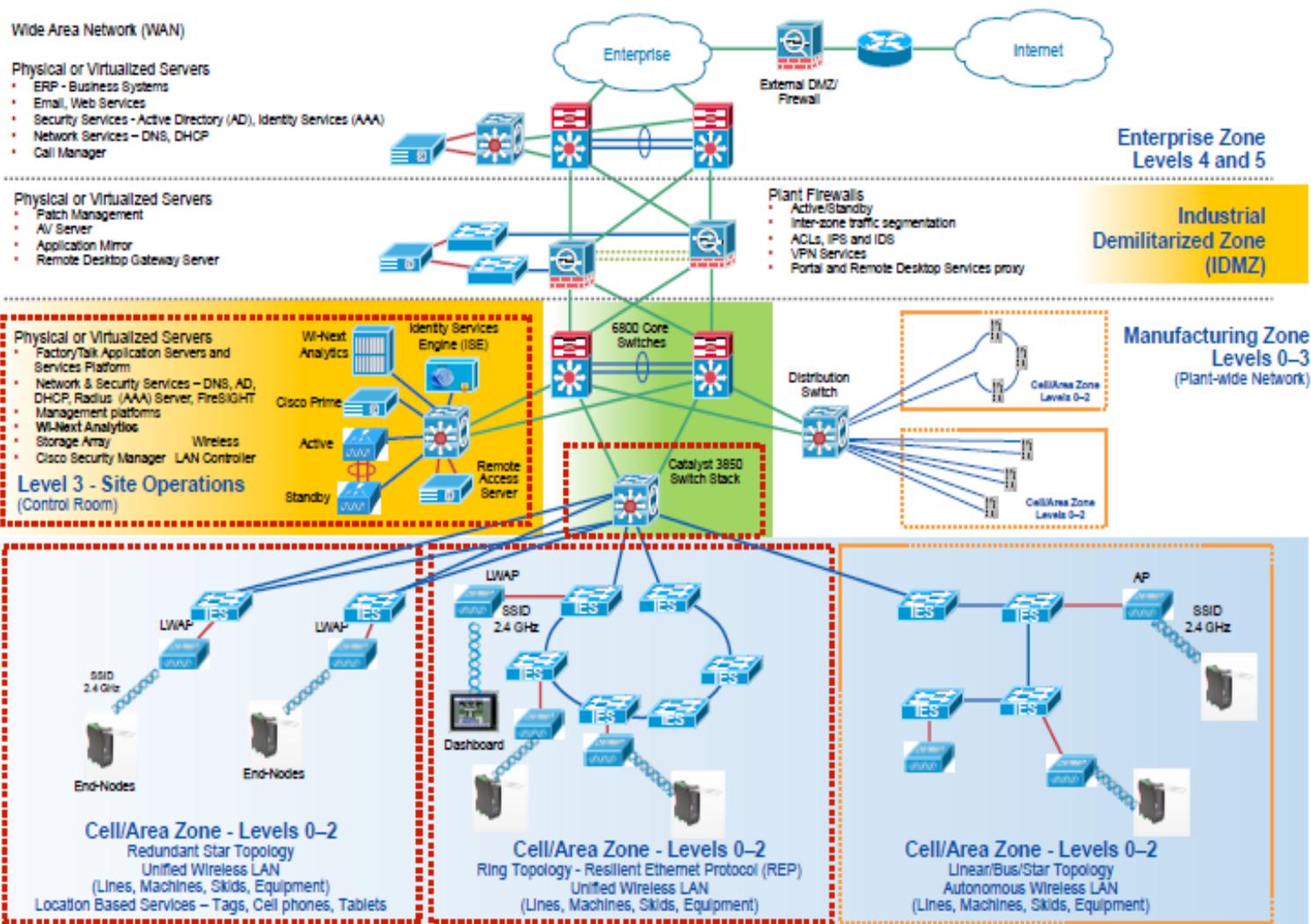


Architecture 4.0 – Factory Network

- 1 single, open, standard-based, secure, scalable network
- Integrates factory floor with business networks and enables real time visibility to business applications
- Foundation between automation layer and the Enterprise a connectivity
- Connects manufacturing systems and integrates factory floor with business networks
- Enables real time visibility to business applications
- Reduce risk of inadvertent plant downtime and risk intellectual property loss
- Improved OEE (Overall Equipment Effectiveness) & Build to Order(BTO), Zero Downtime (ZDT), Increase safety, Optimize supply chain and Boost productivity
- Faster Reconfiguration



Cisco/Wi-Next Architecture for Connected Machines



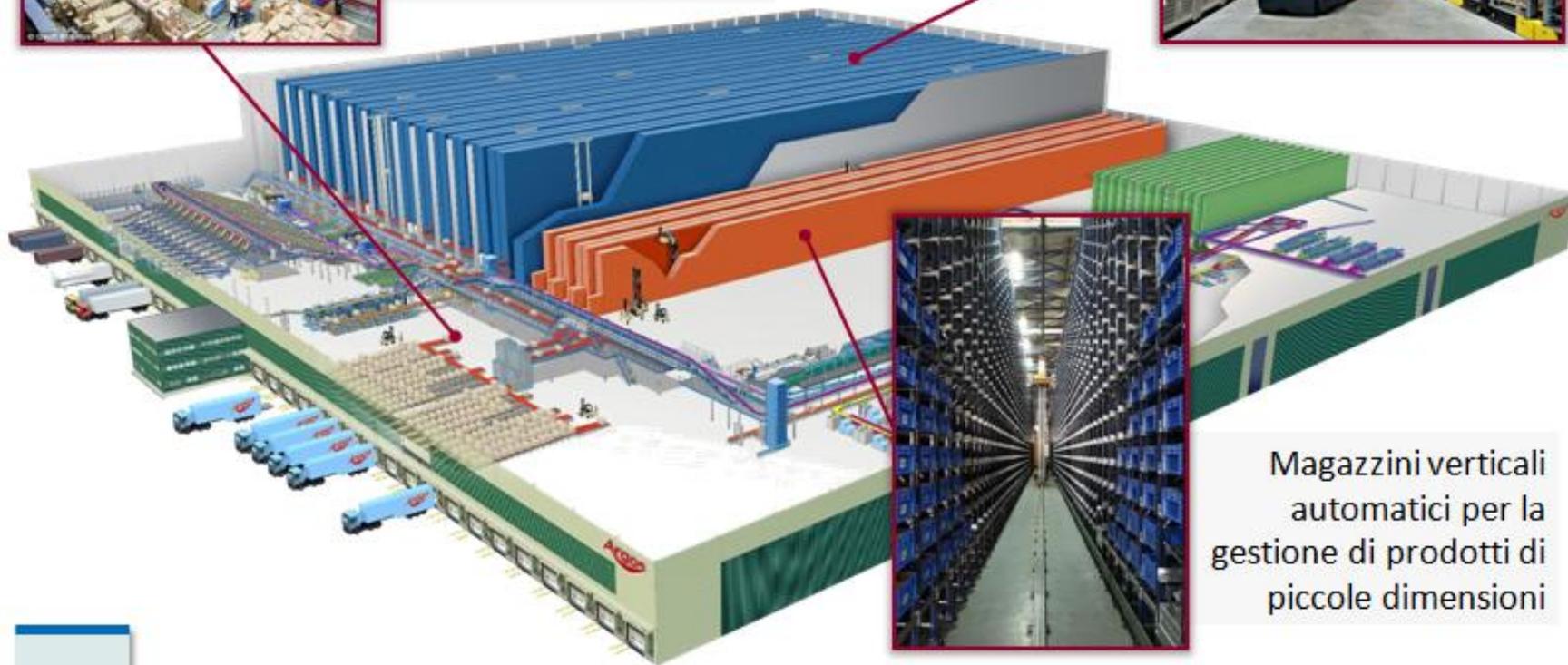


Intra-logistica per la grande distribuzione: automazione complessa multi-livello



Molteplici flussi
concorrenti di
materiale da gestire per
soddisfare le richieste

Flotte di muletti per
la costituzione di
pallet multi-
referenza



Magazzini verticali
automatici per la
gestione di prodotti di
piccole dimensioni

Bloomy Decision – Executive Decision Platform

DB Distributed
SQL & Not SQL

Prediction &
Optimization
Engines

Dynamic
Simulators

Scenarios handling and execution monitor

