



Industrie 4.0

Industrial Internet of Things smart Manufacturing Leadership Coalition

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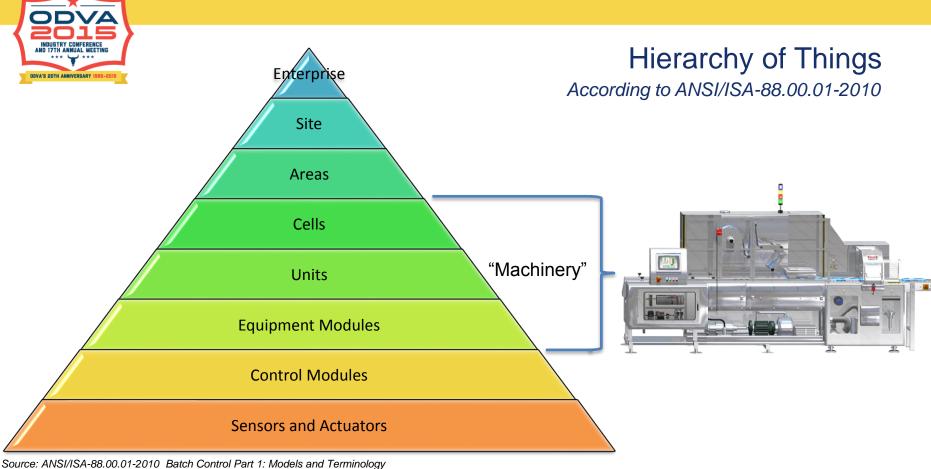
2015 Industry Conference & 17th Annual Meeting





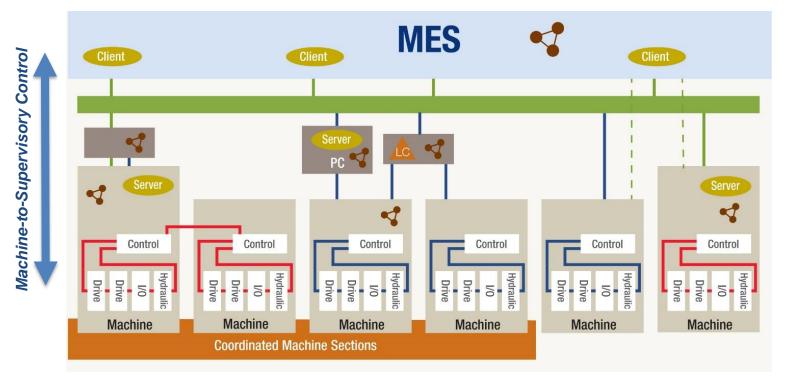
## What is a "Thing" in the Industrial Internet of Things?







## Optimization of Machinery Information





## Benefits of a Standard Method for Machinery-to-Supervisory Information Exchange

- For machine builders, optimization of machinery integration (OMI™) will create additional value through simplified communication from machines to supervisory systems such as SCADA and MES.
- By transforming data into information, OMI will:
  - Provide tools for dynamic decision-making to maximize machine productivity and improve machine performance
  - Enhance maintainability of machinery assets
  - Create more value from machines

OMI will emerge as a natural sweet spot to help manufacturers meet their overall business objectives, including workforce, profitability and sustainability goals.



## What ODVA is Doing About It

- White paper "Machinery Information Base Data Structure" presented at the conference and soon to be available online
- Machine-to-Supervisory
  - Mapping of data structures into CIPSE's for CIP Object definition
  - Cooperating with OPC Foundation to map data structures into OPC-UA
  - Cooperating with sercos international to mapping data structures into Sercos
- Integration of other Object Models
  - Energy extended object with Energy SIG members
  - Condition Monitoring extended object
- Setup a model for Machine-to-Machine integration



Thank you!

