accenture

High performance. Delivered.

Automation &
Industrial Solutions

The ISA95 Standard Expands its Horizon

Integration of all manufacturing activities now within reach

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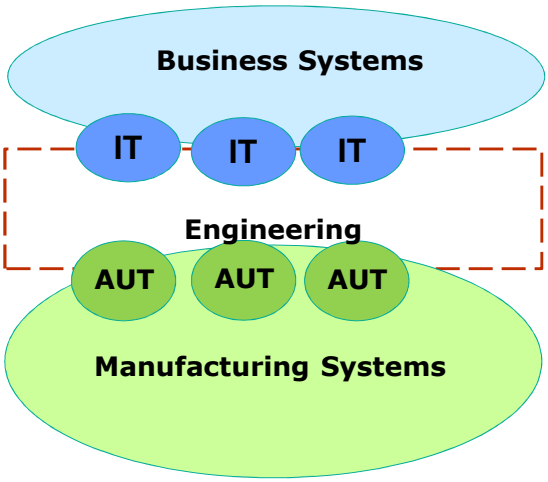

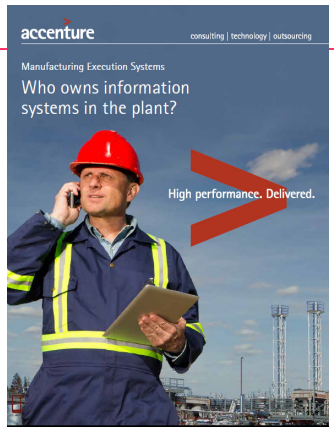

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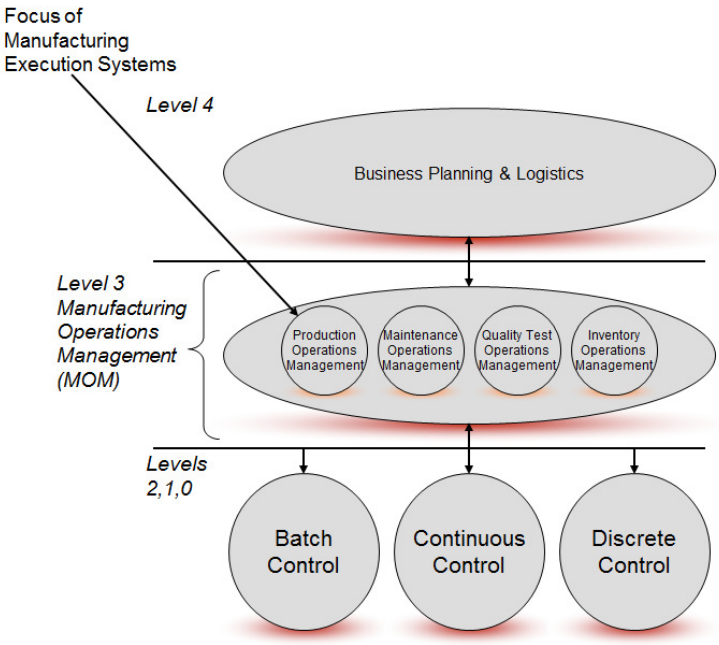

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CEO

CIO COO CTO

Business Unit managers

Site managers

Plant managers

Logistics

Maintenance managers

Sales

Quality managers

Planners

Supervisors

Operators

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Why the COO can't sleep…

- Which plant?..... All plants!
- Cost of quality => quality department..?
- Safety => maintenance department …?
- Compliance => compliance officer…?
- Energy costs => Utilities generation…?
- Inventory costs => Warehouse department…?
- …etc…

It's all connected!

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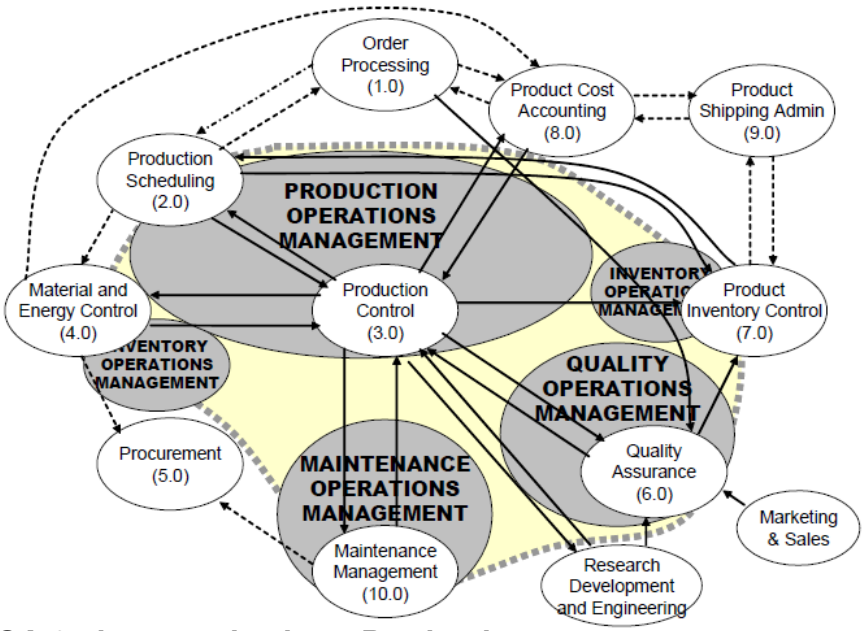

ISA-95 is not only about Production anymore.
It's about Manufacturing…

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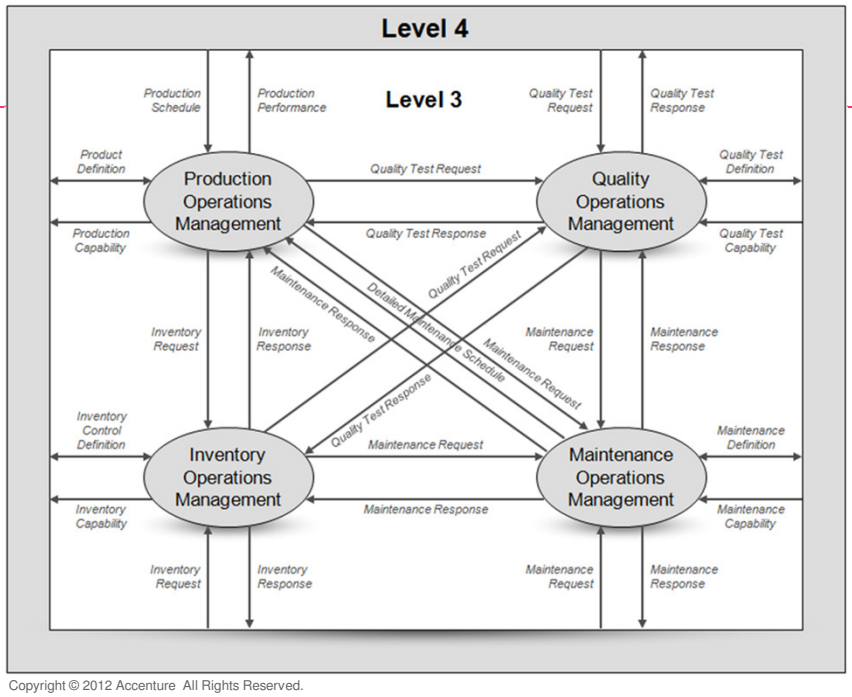

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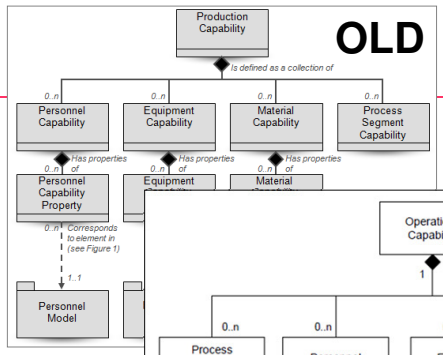
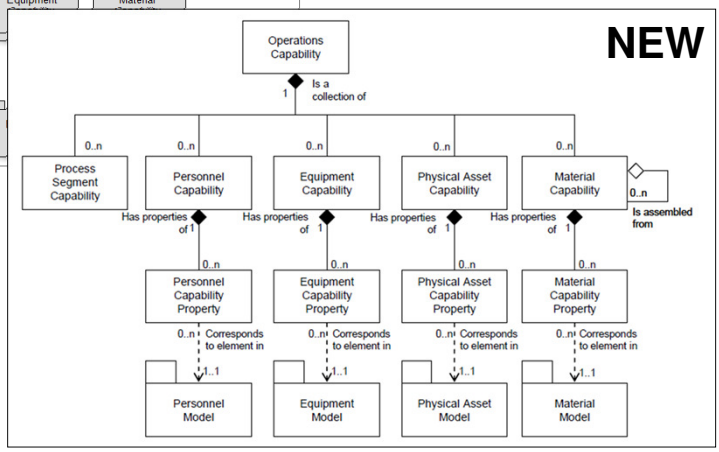


ANSI/ISA-95.00.02-2010 (IEC 62264-2 Mod) Enterprise-Control System Integration - Part 2: Object Model Attributes (www.isa.org)



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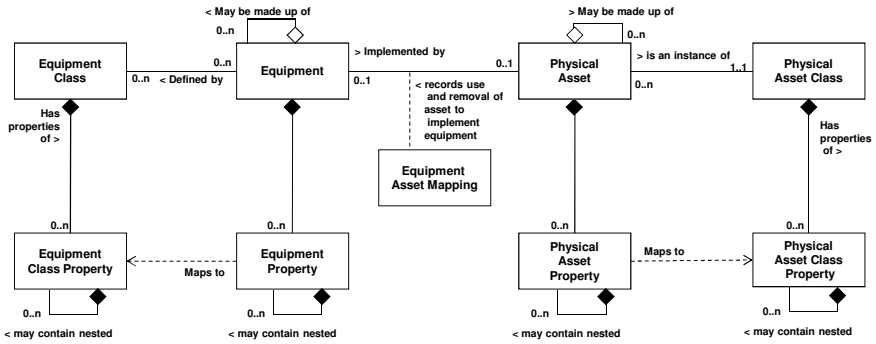
Equipment ⇔ Physical Asset



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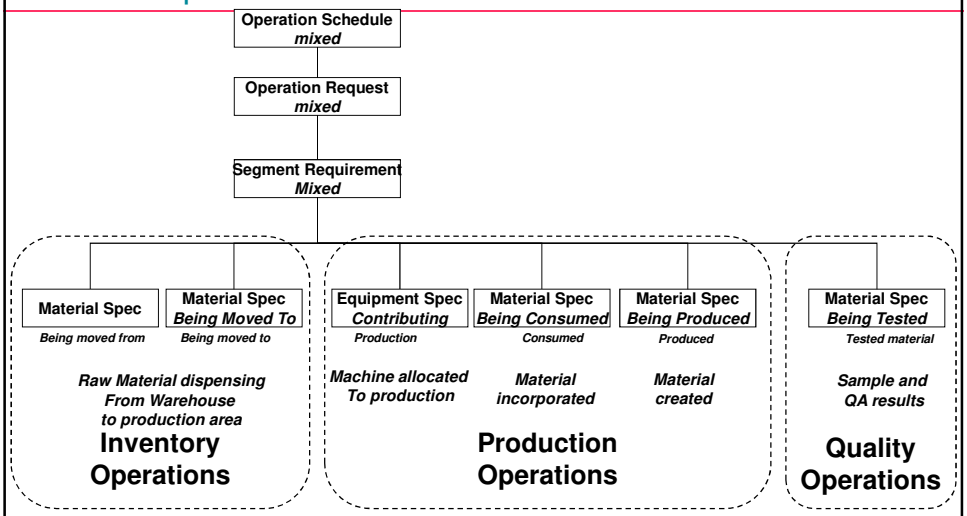
Mixed Operations Schedule



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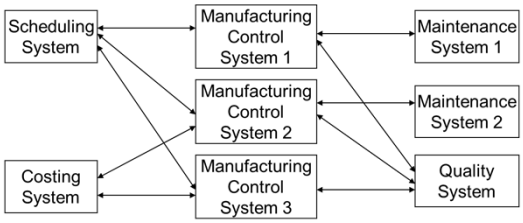
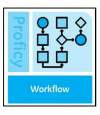
It's all connected!

But not necessarily in 1 monolith system





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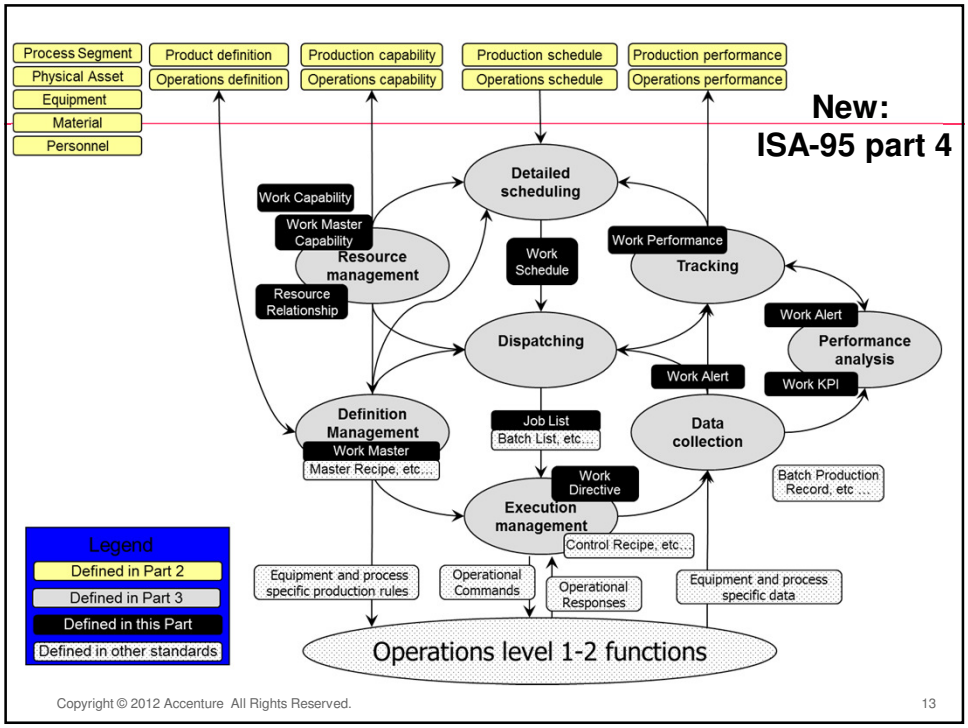

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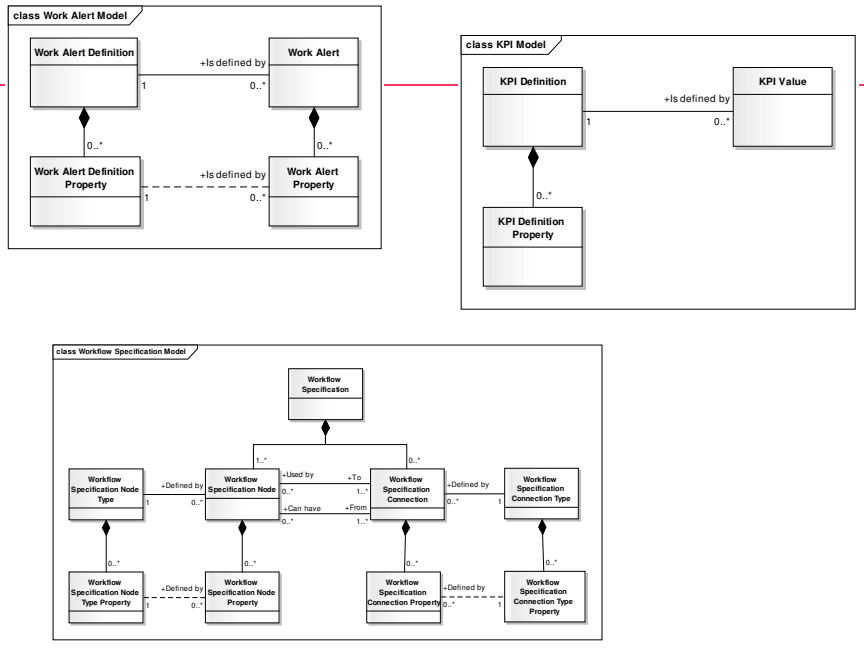

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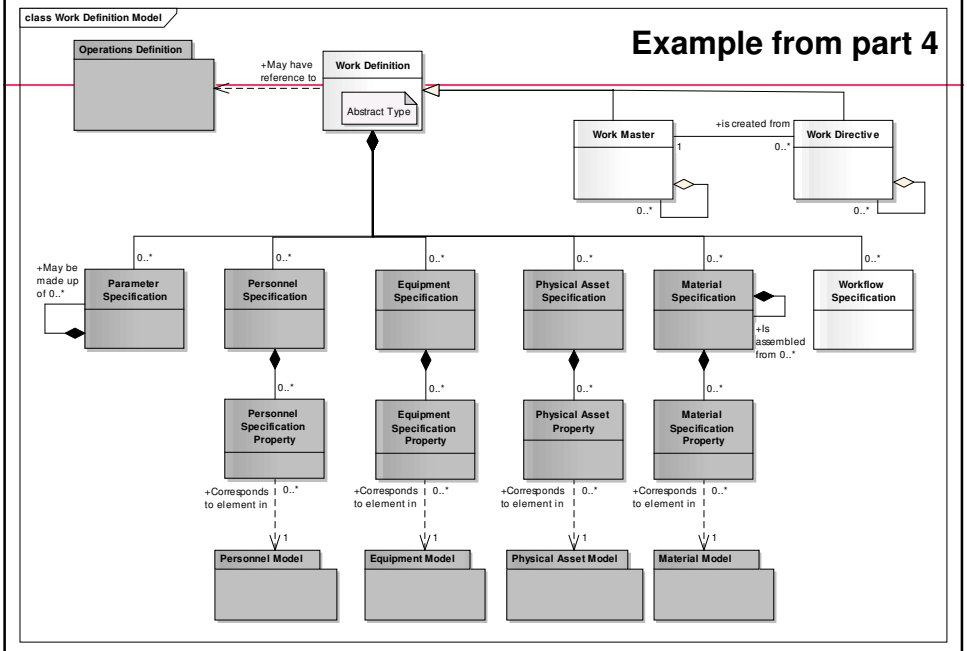
Example from part 4



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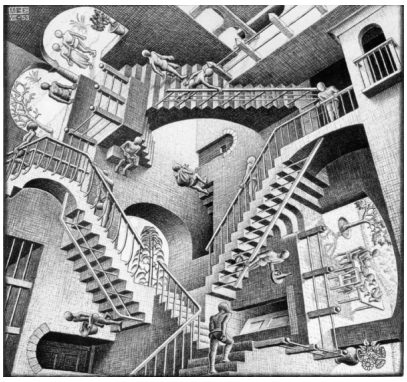
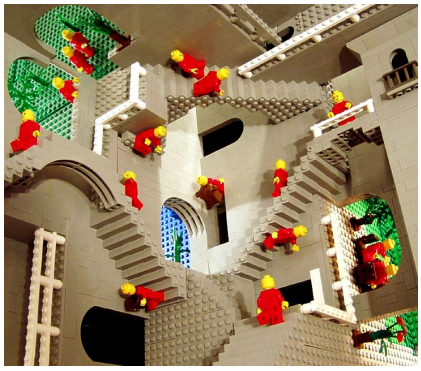
Summary



- It's not just about MES; all manufacturing activities contribute to a business' results
- Instead of the old ERP days. We're not moving towards 1 monolithic manufacturing system;
  - Today it is SOA, web services I
  - Best of breed solutions with (ISA95) standardized interfaces



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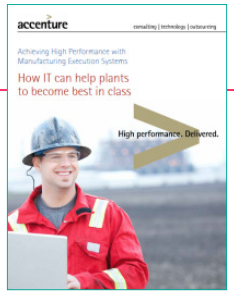
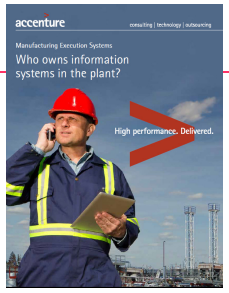
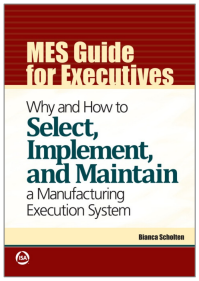
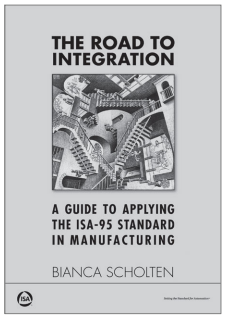
Read more?









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