

Mastering Complex Industrial Applications

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What is Cognex Designer?

Integrated Development Environment (IDE)

- Multi camera support
- 3D Profiling solution environment
- Drag & Drop graphical HMI
- Rich I/O support
- Database, Audit trail, Recipe management, ...

Flexible integration platform

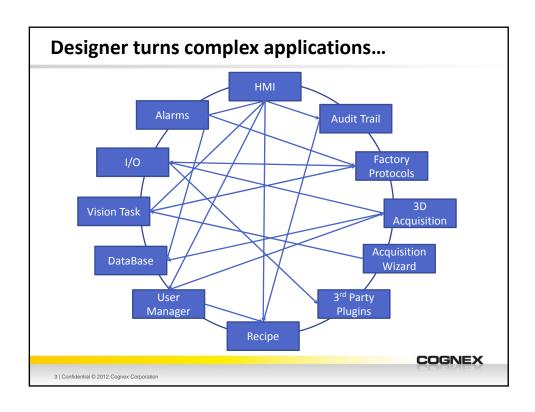
Integrate 3rd party hardware such as motion stage etc.

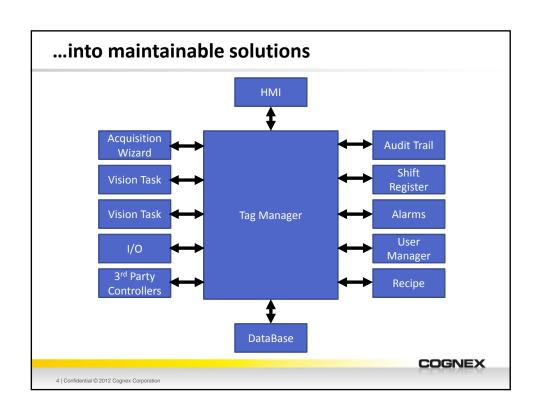
Field configurable friendly solution

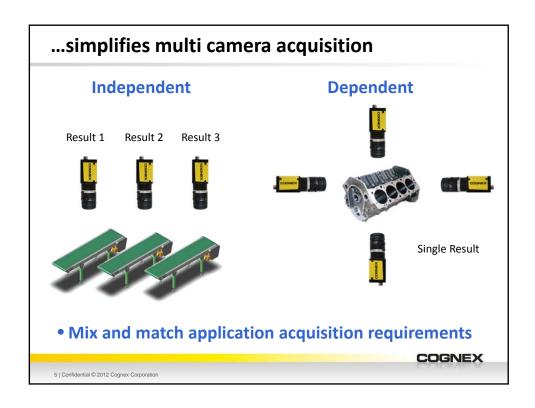
Easily adapt solution to production changes

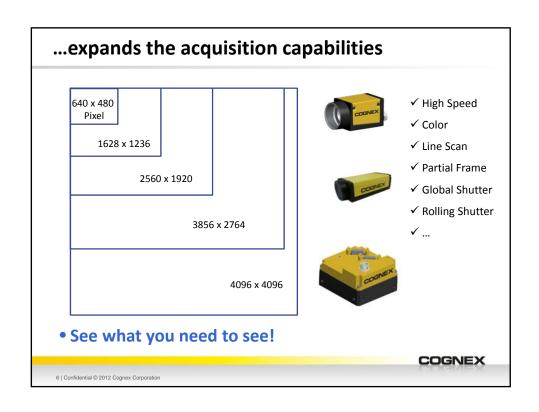
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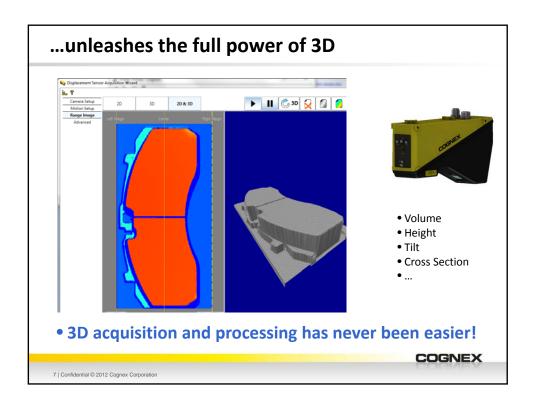
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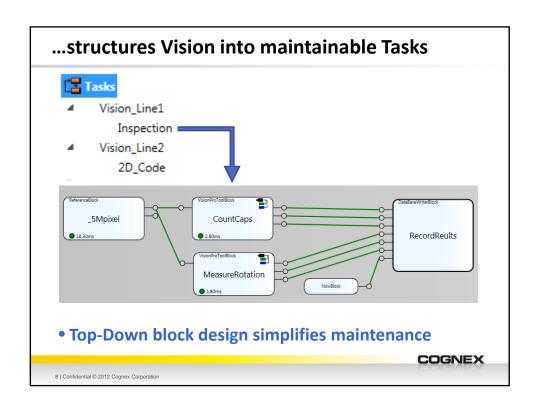


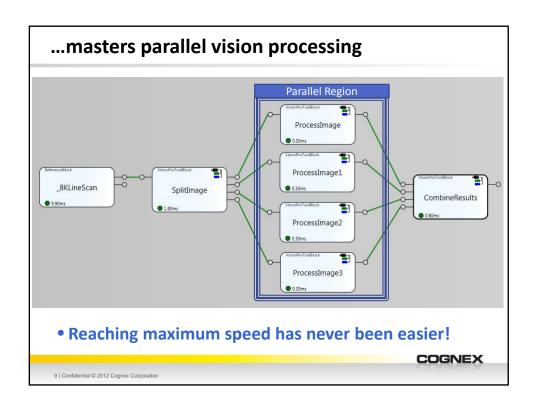


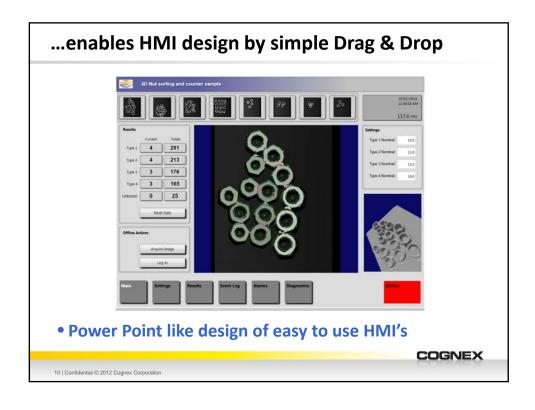


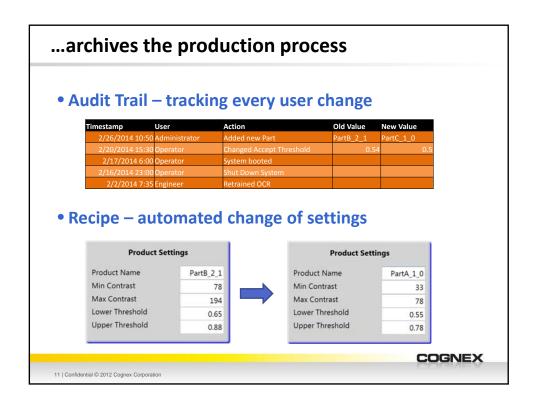


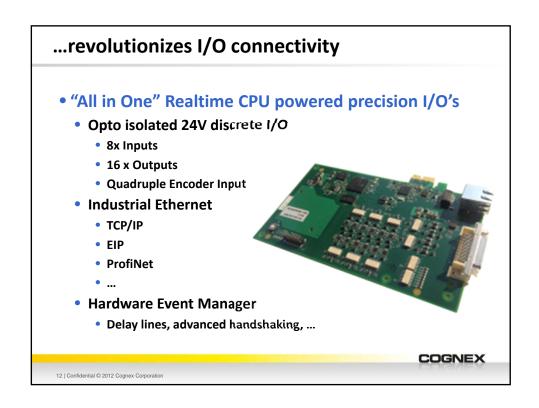












...boosts the performance

- High Performance Vision Controller
 - Mechanical
 - Fan less Design
 - Robust Design for industrial environments
 - Processing
 - i5 dual core CPU, 8GB memory
 - 120GB or 480GB SSD drive
 - Connectivity
 - Precision I/Os with real-time sub-system
 - 4x CIC PoE GigE Vision ports
 - 3x USB 2.0, 2x LAN, 1x RS-232
 - Factory Communication Port
 - 2x DS1000 profiling sensor ports



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...provides maximum flexibility

• Add 3rd party HMI controls







• Use Plug-ins to Integrate 3rd party hardware control





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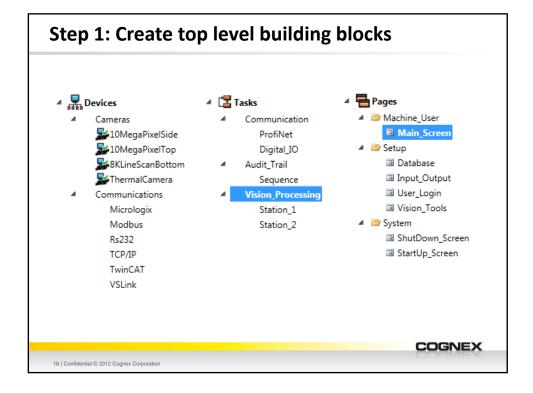
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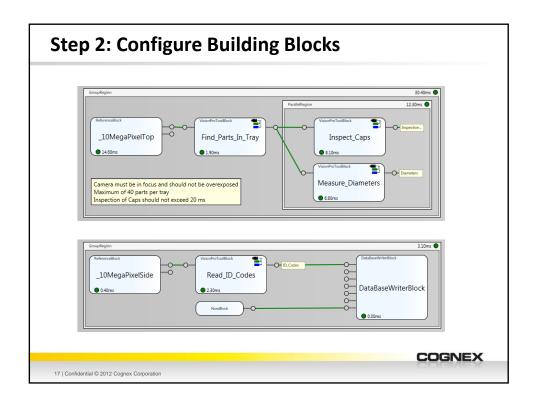
... creates maintainable solutions in 4 steps

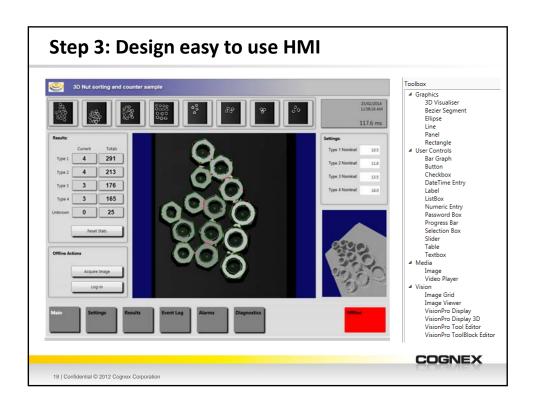
- 1. Create top level functional Building Blocks
 - Devices, Tasks, Database, Scripts
- 2. Configure functional building blocks
 - Setup Acquisition, I/O, Vision ToolBlocks, ...
- 3. Create HMI
 - Design your HMI interface
- 4. Define Data Flow
 - Connect all functional blocks

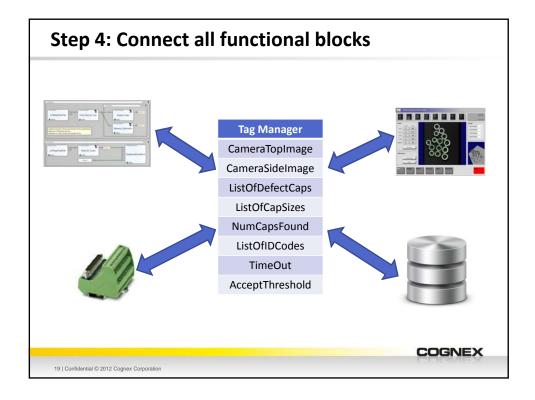
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Cognex Designer

Powerful

- Easiest Multi Camera support
- Simple utilization of multicore architectures
- HMI designer with many controls

Easy to develop and maintain

- Map complex applications into structured Building Blocks
- Adapt solution on FA floor to meet production changes

Flexible

- Integrate any 3rd party hardware into Designer
- Integrate advanced 3rd party HMI Controls

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