EXCELERATE '22

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Tracing the Value of Solumina: Quality Managment Best Practices

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Recap & How We Got Here

- How a Value Gets Realized
- Yesterday, MES & SIM Process
- Today, Liz told you about
  "A Day in the Life" of many Quality Roles
- Now, Quality Best Practices that support
  "A Day in the Life"

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How a Value is Realized

Identification

Representation

Realization

Indoctrination

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Today we will continue a series of presentations identifying value drivers, how they are represented in our implementation methodology, and how they translate to meaningful Best Practices.

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Today's Agenda

- Value Identification
- Value Representation
- Value Realization
  - Best Practices for Quality Management
- Time for Questions

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Value Identification

Customer Example

- Robot, Inc. – from paper to paperless
- Key Values – Improve performance by identifying non-conformances and reducing corrective actions
- Learning and Using Solumina
- Looking to leverage Solumina Quality

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Value Identification

- Services Implementation Continues
  - SIM Methodology
- Users in Solumina
  - Executing User Stories
  - Identifying values

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Value Representation

Standard Functionality User Stories

- ~600 Total User Stories (More on the way)
- Users are instructed on the story
- Users then execute the story
  - Repeated until mastery
- Values are emphasized

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User Stories in Practice

Identified values are realized while executing User Stories

VALUE

As a Shopfloor Mechanic, I want to perform a data collect, so that I can record the true torque values.

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User executes the story

User repeats until mastery

VALUE REALIZED

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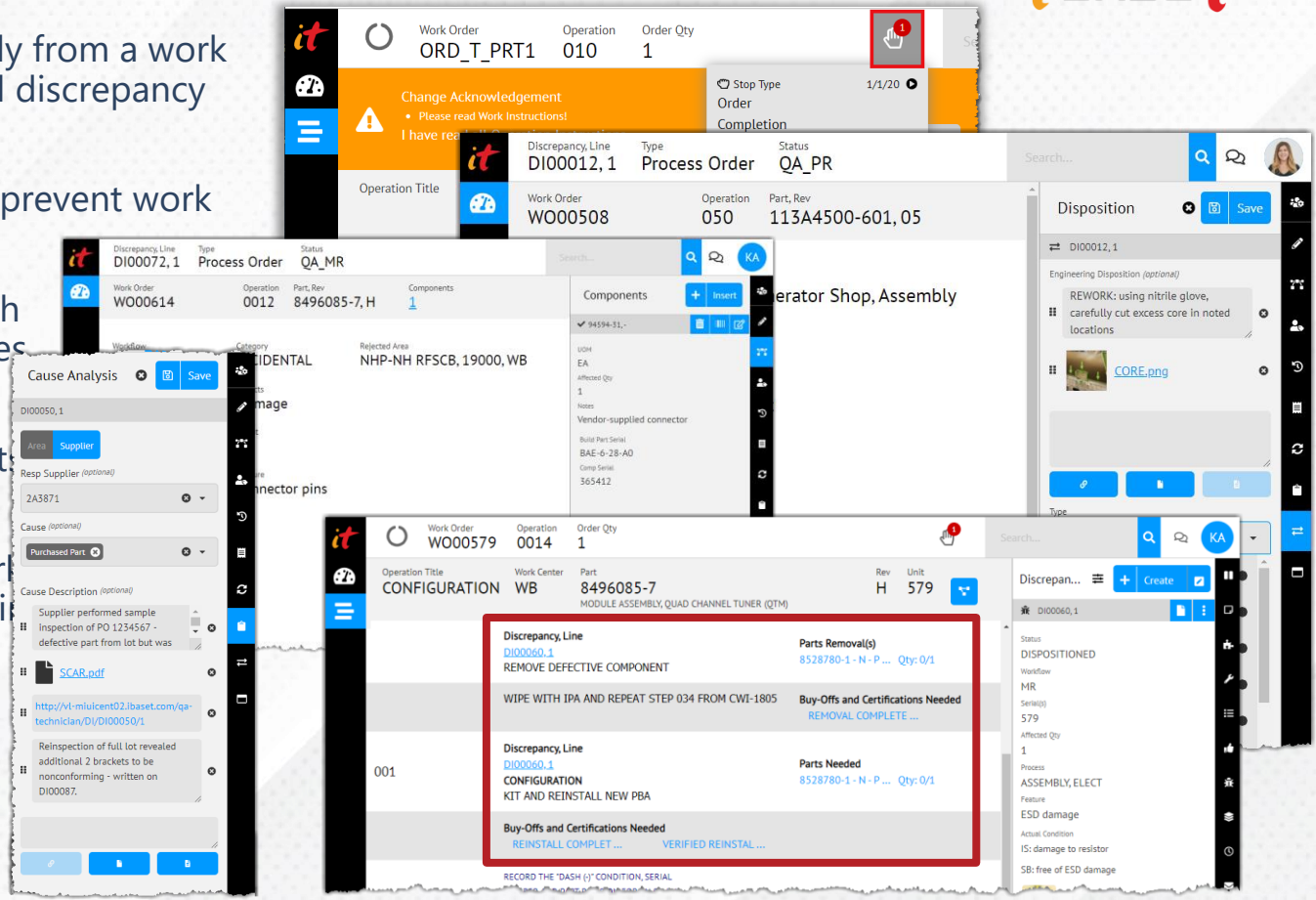
Value Realization
EQMS & SQM

Value of Discrepancy Management

- Easily initiate defects directly from a work order (WO) with embedded discrepancy reporting
- Trigger automatic holds to prevent work from continuing
- Disposition discrepancy with appropriate approval queues
- Identify and disposition non-confirming components for full traceability
- Incorporate disposition work instructions both in WO or in new WO
- Perform basic cause analysis



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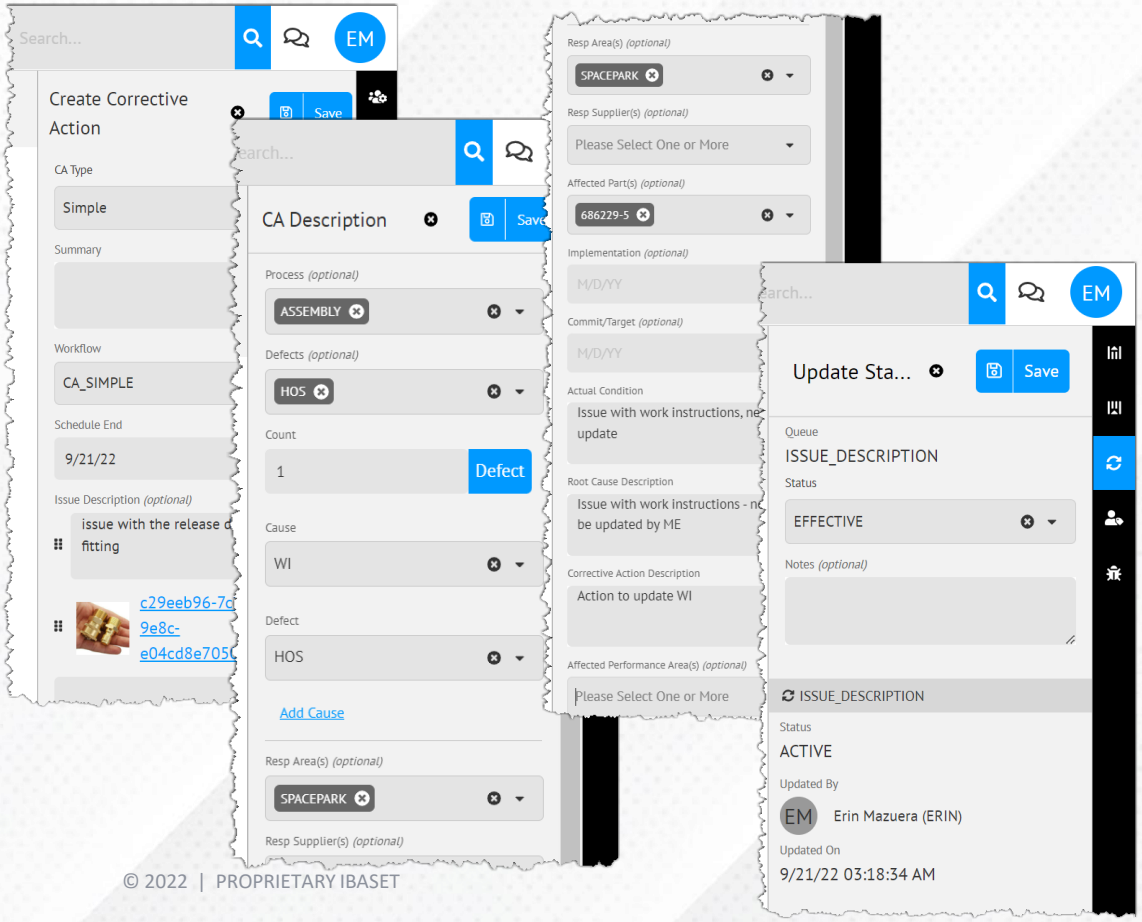
Value of Corrective Action



- Solumina supports simple & detailed CAPA process:
  - Create CA directly from Discrepancy
  - Link to DIs & Audit Findings
  - Assign team members
  - Containment, Investigation + Action tasks
  - Verify effectiveness
- Determine root cause and prevent future product discrepancies with closed loop quality
- Utilize CA Tasks to update Process Plans, Orders, Inspection Plans, etc.

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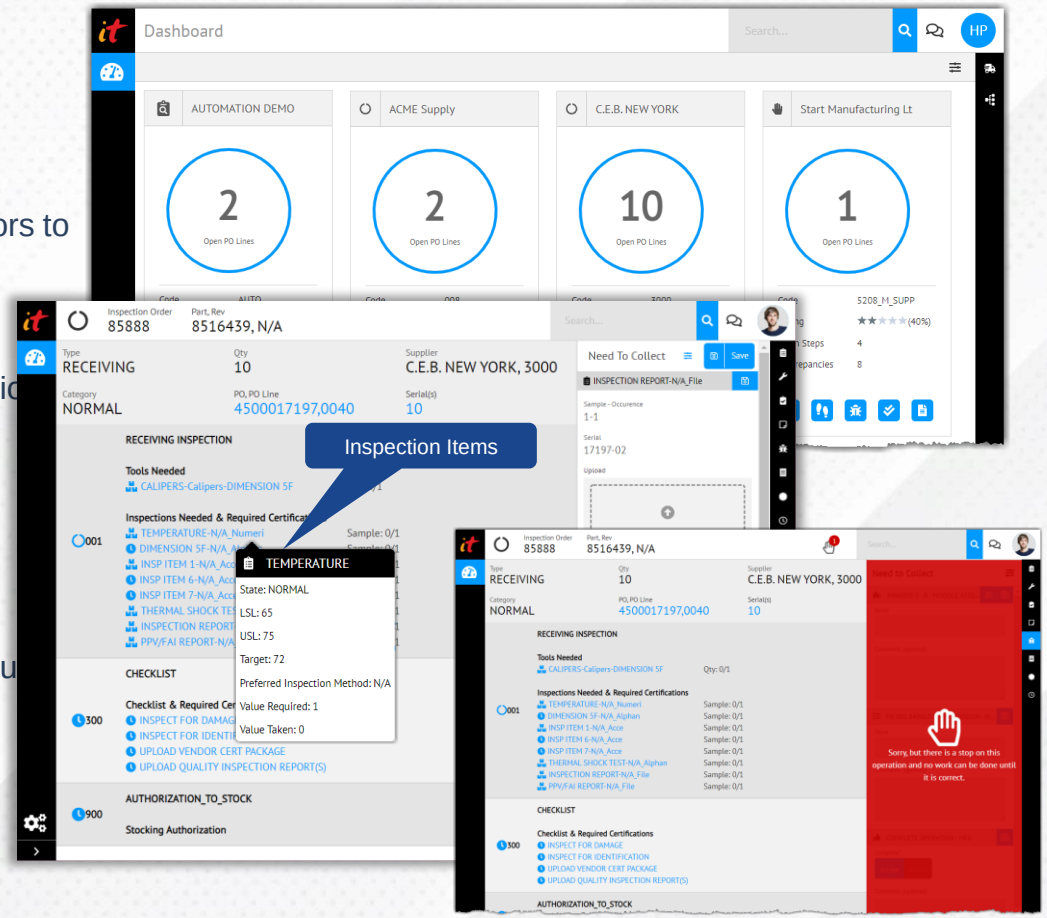
Value of Supplier Quality Management

Leverage both visibility and control of purchased products before they reach your shop floor with Solumina Supplier Quality Management:

- Supplier Portal
  - One-stop-shop for vendors or SQA inspectors to access all work relating to Supplier
- Supplier Inspection
  - Plan for both Source and Receiving Inspecti
  - Inspect/test full lot or dynamic sample(s)
  - Authorize vendors to ship after review and approval of inspection + documentation
  - Verify effectiveness
- Supplier Defects
  - Manage defects down stream to resolve issu at the source with less impact on your mfg operations
  - Calculate Supplier Rating



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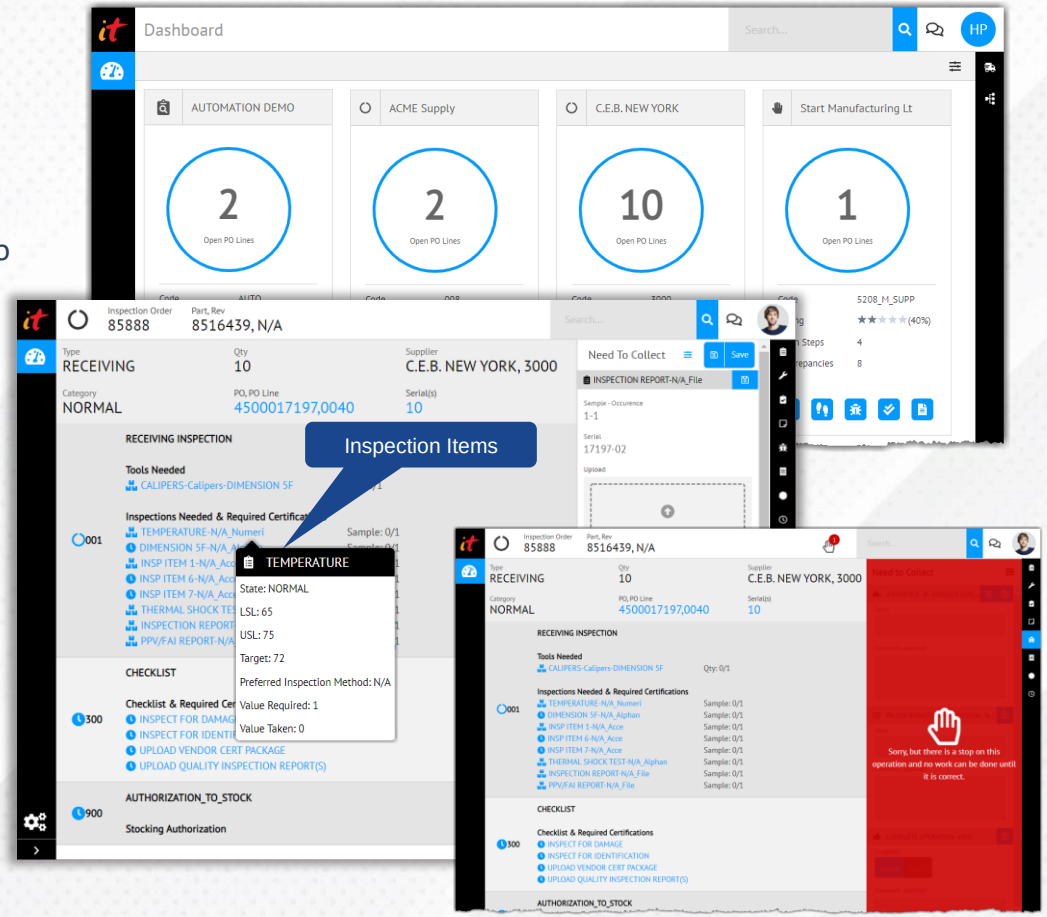

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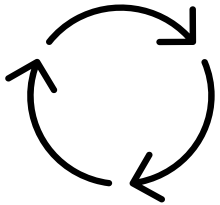
Value of Embedded Quality

Full visibility across product manufacturing lifecycle



Reduce time to reconcile information from multiple systems

Closed loop for defining and reporting results, defects, corrective action, + embedded holds

Supplier accountability through real time ratings + metrics

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SQM & EQMS Best Practices

- Start at the source
- Integration is key
- Quality comes first
- Broad plan, detailed characteristics

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Checkup on Robot, Inc.

- **VALUE REALIZED**! Robot, Inc. has improved performance by identifying non-conformances and reducing corrective actions by using Solumina!
- Mastered Solumina
- Have realized value drivers
- In full production!

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Key Takeaways

- Value Traceability continues
- Value Realization through User Story Execution
- Follow Best Practices
- Remember, you are not alone

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THANK YOU

QUESTIONS?

Don't forget to visit the Expert's Lounge