IntraStage Failure Analysis and Repair Module

Uncovering the Hidden Factory

GAIN VISIBILITY
Create and manage Failure Analysis data capture processes for manufacturing repair.

DIGITAL TRANSFORMATION
Know exactly which components are failing, and learn which repairs are most likely to succeed for any failure. Guide your repair operators with efficient processes based on real-time results. Automate and speed the FA process.

INTEGRATE WITH BLACKBELT MANUFACTURING
BlackBelt customers can configure their system to automatically create and assign FAs based on specification or control limit failures in manufacturing. Feed the attributes of failure directly into the failure analysis process

Close the Quality Loop
Automatically initiate Failure Analyses based off of manufacturing failures from ATEs or manual processes. Spawn FAs from specification limit or control limit failures. Seamlessly and automatically capture key manufacturing data like failed test, part number, failed component and more.

FA data entry template with smart context repair

- ♦ **Gain** Full Traceability of the Product. Track repair and rework on your entire product genealogy (including high level assemblies, component parts, and supplier materials)

- ♦ **Automate** the workflow and process for repair and rework

- ♦ **Apply** what you learn from product failures to improve product design and manufacturing processes

- ♦ **Uncover** the hidden factory with real-time reports like Mean Time Between Failures, Failure Reason Paretos, Work in Progress, and non-conformance reports

- ♦ **Achieve** the confidence to achieve zero defect delivery. Manage all aspects of rework and repair for you complex electronics manufacturing environments.

INTRASTAGE

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HIDDEN FACTORY

Capture and control the rework and repair data that is critical to Understanding your product performance and improving your manufacturing and design processes
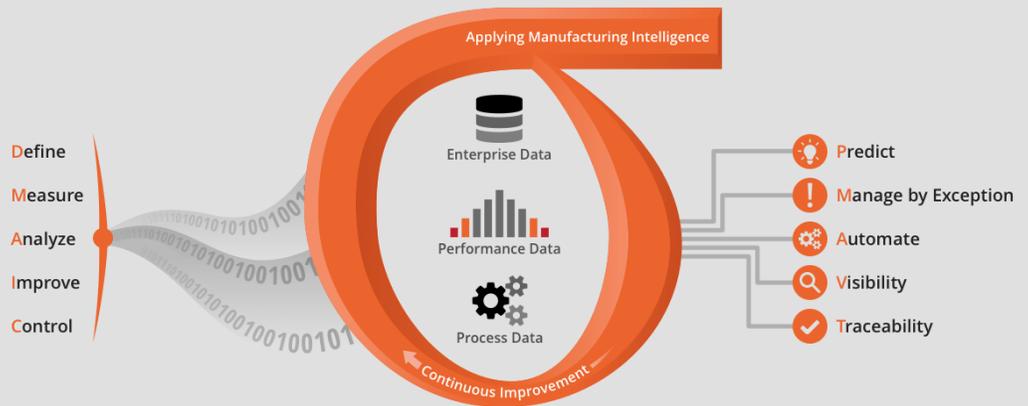
COTS SOLUTIONS

Deploy IntraStage as an on-site VM or server, or utilize our Cloud environment. Use our prebuilt adapters, FA templates, and paperless forms to start aggregating and analyzing test data immediately.

DEMO YOUR DATA

Contact us to receive a demo with your data.

For more information on any of our products or services please visit us on the Web at:
www.intrastage.com

Applying Manufacturing Intelligence

Define
Measure
Analyze
Improve
Control

Enterprise Data

Performance Data

Process Data

Continuous Improvement

Predict
Manage by Exception
Automate
Visibility
Traceability

Apply Manufacturing Intelligence

Uncover the hidden factory of retests, repairs, and rework.
Complete the quality loop and continuously improve by feeding failure data back to R&D and Manufacturing

Analytics

Drive Key Performance indicators and drilldown analytics like:

- Failure Analysis/Repair Paretos

- Cycle Time

- Traceability and Genealogy

- Work in Progress (WiP)

- Defect per million units (DPMO/DPMU)

- Mean Time Between Maintenance (MTBM, projected vs actual)

- 'Dog boards'/ 'Bone Pile'

- Nonconformance reports

- ISO 9000 compliance

- Failure Review Board Reports

- Repairs by Supplier Component

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