

GrayMatter's Manufacturing Analytics Product

THE BEGINNING OF THE S³ FOR THE MANUFACTURING COMMUNITY



A SAMPLE COVERAGE OF AREAS FOR



Production Quality

- First Pass Yield Analysis (FPY / PY / RY / MDR)
- FPY vs. Target Heat-Grid Root-Cause Analysis – Monthly
- FPY vs. Target Shift / Hour of Day Analysis
- Defects per Million Opportunities Analysis (DPMOs)
- Material Traceability Root Cause Analysis & Batches
- Isochronal Analysis - % Failed of produced vs. failed trend
- Measurement Data Quality Analytics
 - Statistical Process Control
 - Exploratory Measurement Variables Analytics
 - Data Mining / Predictive Analytics of variables relations

Field Quality Engineering

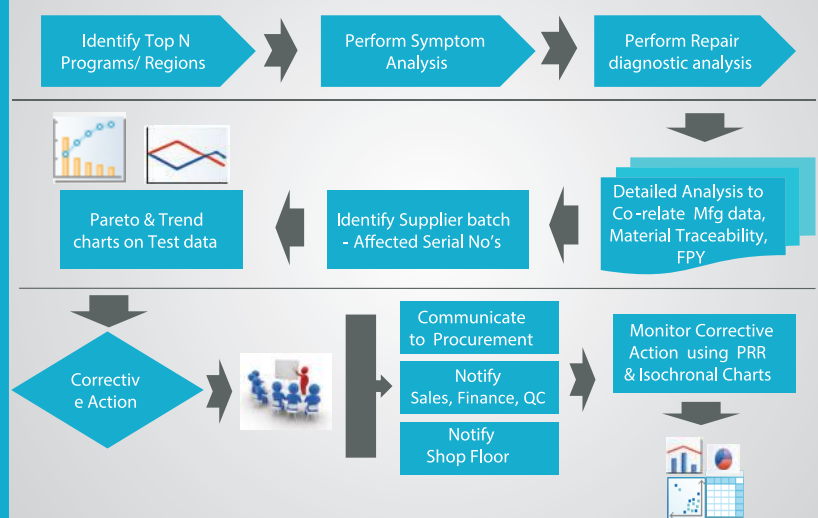
- Warranty Analytics
- Failure / Repair Analytics



Sample Analytics - Field Quality
-4 Ws for Warranty Analytics

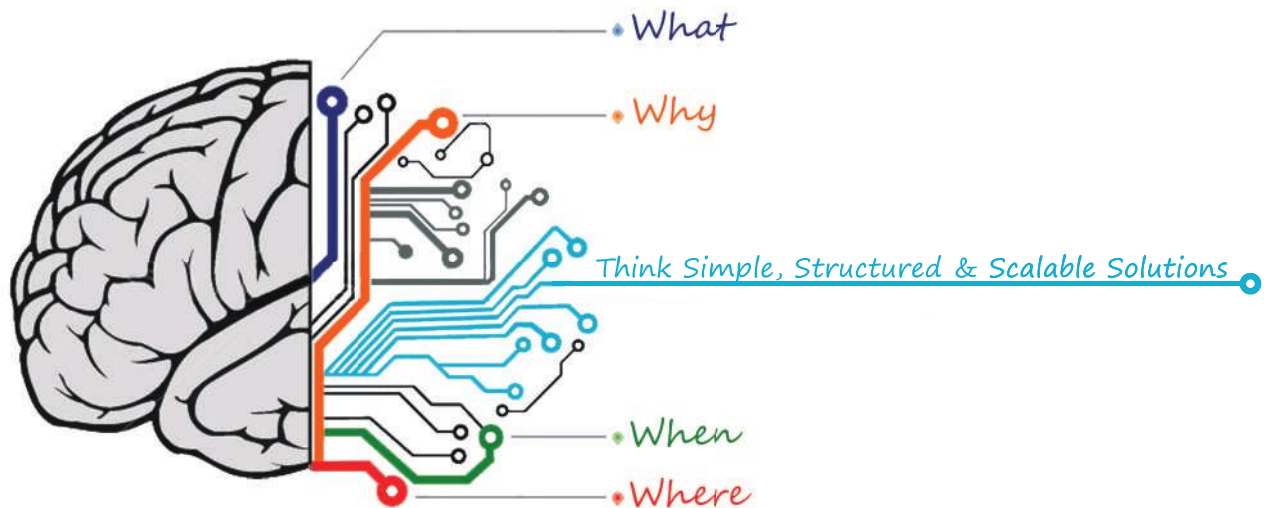
Manufacturing Analytics, MA+, of GrayMatter is a pre-built, analytics solution for manufacturing enterprises across business areas including machine data analytics, production/factory analytics, production quality, field quality, inventory, SPC data analytics and corporate functions including human resource & finance analytics. The solution is designed to achieve high operational efficiency and enables maximization of productivity while enhancing product quality and reducing cost at the same time. The product provides insights that enhances customer satisfaction as well as enables faster time-to-market, thereby enabling growth in revenues. The solution enables streamlined operations which in turn, means reduced costs & risks.

WARRANTY COST REDUCTION CYCLE



Core GrayMatter Philosophy of MA+
- Closing the loop with the 4 W's

GRAYMATTER'S MANUFACTURING ANALYTICS PRODUCT



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About GrayMatter:

GrayMatter is a Big Data, Analytics & Data Science specialist with over 150+ successful implementations across multiple industries. Our in-house engineering excellence and collaboration with several industry leaders like SAP has given rise to innovative industry specific and horizontal product offerings like Manufacturing Analytics (MA+), Finance Analytics (FA+), Airport Analytics (AA+), and Insurance Analytics (IA+). Like the name suggests, GrayMatter is driven by the intellect and knowledge of a pool of qualified technical specialists, seasoned domain experts and well-known industry practitioners.

And Our Technology Partners:

