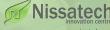
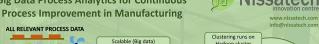
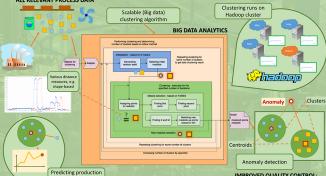
Big Data Process Analytics for Continuous Process Improvement in Manufacturing







IMPROVED QUALITY CONTROL: **EARLY DISCOVERY OF UNUSUALITIES**

BUSINESS PROCESS ANOMALY DETECTION ← IMPROVEMENT:

Applied in

BETTER e2e PROCESS UNDERSTANDING:

Supply Chain Monitoring:

- Realizing end-to-end Process Visibility

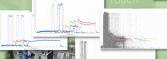
RESOLVING ROOT-CAUSE

What if one of your supplier starts to behave unusually?

efficiency

> Spot unusualities in the process before they escalate



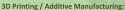


Zero Defect Production:

- Enabling Multidimensional Quality Control

Can you spot the critical dependencies between all process parameters?

Discover outliers based on BIG historical data



- BIG DATA driven Total Quality Management

Can you get objective evidence of compliance to design intent (metallurgical, mechanical, geometric properties)?

> Link in-process dynamical features and post-process features

