Manufacturing industry has historically been a productivity leader adopting information technology and automation to achieve yearly productivity gains and improve operational efficiencies. Despite such advancements, due to highly competitive environment, there is a continuous need for further improvement.

L&T Infotech’s cost effective Big Data solution can help bring about the next wave of productivity gains through better insights that can help in reducing product development time (which means faster NPI), eliminate defects before production through quality models, achieve better visibility and control through real-time monitoring of global extended supply chains, etc.

### Solution Areas
- Advanced wafer pattern analysis
- Production KPIs comparison across Fabs
- Iterative NPI process step analysis
- Quality gating of defective materials
- Reducing time to resolve excursions
- Higher equipment productivity
- R&D analysis of samples
This solution equips process engineers with the power to gather and analyze data from multiple fabs around the world, merge lot data, drill down charts, slide down to quickly access data of all process steps all using a single very fast and responsive user interface.

**Salient Features**

- One stop shop for semiconductor data analysis
- Wafer Defect analysis using all/selective data points & Process steps
- 3D representation of Wafers for ease of user query analysis
- Product data comparison across multiple fabs
- Interactive charts and responsive user interface
- Quick data drill down capability
- Pluggable pre defined & custom analysis

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**About L&T Infotech**

Larsen & Toubro Infotech Ltd. (L&T Infotech), one of the fastest growing global IT services company, is ranked by NASSCOM as the 6th largest software & services exporter from India and among the top 20 IT BPO employers in 2014. It is a wholly-owned subsidiary of Larsen & Toubro (L&T), a multi-billion conglomerate, and India’s largest Technology, Engineering, Construction, Manufacturing and Financial Services organization, with global operations.

L&T Infotech is differentiated by its three-pronged value proposition, encompassing Business-to-IT Connect, Execution Excellence and Engage the Future. (www.Lntinfotech.com)