Main Content

1. Siemens Background

Siemens is a 169 year old global powerhouse focusing on the areas of electrification, automation and digitalization. One of the world’s largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of systems for power generation and transmission as well as medical diagnosis. In infrastructure and industry solutions the company plays a pioneering role.

<https://www.siemens.com/global/en/home/company/about.html>

1. Market Situation

The next revolution in the IoT – Internet of all Things or Industrie 4.0 in manufacturing sector across globe wherein the digitalization would enable the data analysis and enabling to make digital twin of the manufacturing processes end to end thereby resulting in faster response to market, optimization of resources, and increase in efficiency of production.

1. What’s inside the truck?

The truck showcases the elements which enables digitalization for manufacturing SME’s across country from both process and discrete industries.

1. What’s the new benefit to the customer?

Customers are benefited due to the technological leapfrog way of manufacturing through digitalization/ IoT platform enabling them to make virtual manufacturing/digital twin of the entire process and test it, thereby increasing their response time to market, increasing efficiency and making them more competitive.

The Ingenuity truck has an integrated approach for manufacturing by bringing in various solutions from Process Industries and Drives, Digital Factory, Siemens Industry Software, Siemens Financial Services & Siemens IoT platform ‘MindSphere’ for SME customers. The aim is to help enterprises in the Manufacturing sector identify a starting point or a blue print for digitalizing their enterprise, irrespective if the stage of automation they are in.

**Project background**

The Ingenuity Tour is a 120 city tour across the Industrial hubs of India targeting Small and medium Enterprises (SMEs). These SMEs contribute more to India’s industrial output than MNC companies. IoT, Industrie 4.0 are catchphrases today for the manufacturing industry. Many organizations and technology/ service providers are ‘talking’ about Industry 4.0 and digitalization. However SMEs are unable to clearly see the possibilities of digitalization for their own enterprise. Siemens is uniquely positioned in this segment with our experience in Electrification, Automation and Digitalization of Industrial enterprises. We want to be the first mover to ‘demonstrate’ our digitalization capabilities through our products.