



Industry 4.0 Seminar

09:00 Introduction – Amit Shabilla, Symetri

What is Industry 4.0? Symetri can assist your company to overcome challenges such as globalisation, disruptive technologies and new manufacturing techniques to gain or maintain a competitive advantage within your field.

09:10 Augmented Reality & Virtual Reality – Martin Saldert, Symetri

AR and VR are tools becoming more and more important to all of our customers. They allow you to save time both in the planning and running phase. We will show you the latest and future hardware and the different scenarios where they can be used plus you will have the opportunity to try out both VR and AR technologies.



10:15 Break

10:30 Laser Scanning and working with Point Cloud Data

Laser Scanning is an incredibly efficient and accurate way of surveying areas you wish to visualise and work within. By utilising Point Cloud data designers, facilities managers and installation engineers can guarantee the accuracy and of your 3D Data. We will cover the basic concepts of laser scanning in industrial application and factory planning with a live demo. We will show you some examples of where our customers use laser scanning.

11:15 Factory Design and Optimisation - Cheryl Sneddon, Symetri

Factory Design allows users to build and manipulate a digital factory. A digital factory can be combined with laser scanning data, which allows optimisation during planning and on-going production processes. Visualisation in 3D means collision detection and layout planning can be performed quickly and efficiently.



12:00 Lunch

13:00 Industrial Internet Of Things (IIoT) - Juha Kanto, Symetri

Manufacturing industry is facing challenges. Customers are demanding new, individual, high-quality and inexpensive products within shorter and shorter lead-time. At the same time goods should be manufactured as sustainably and eco-friendly as possible. To meet these requirements, businesses are turning to the digitalisation of manufacturing, which means that real world meets virtual worlds. Growing numbers of products are expected to be sold as PaaS (Product as a Service). Companies must be able to overcome these challenges to stay in the business. We will explain the value of Industrial IoT and provide recommended steps towards successful engagement of digitalisation and Industrial IoT.



14:00 Q&A



14:30 Close