

NEAR AG

IoT Customer
Introduction
Workshop

31.07.2017 –
04.08.2017

NEAR AG IoT Basics and Industry 4.0

Training / Workshop Agenda

Target Group:

- Any technical resource involved in IoT for the first time
- Business Development Manager
- Account and Sales Manager

Session 1 - Introduction to IoT

What is IoT?
Basic of IoT
Application of IoT and impact on society

Objectives:

- Provide the basic of IoT to new resources
- Understand the application of IoT
- Understand the transformative attitude of IoT

Session 2 - Supporting IoT Technologies

What can Oracle, Microsoft and open source technologies offer?
Differences between Cloud and Fog computing
Types of Networks and Topologies
Types of Sensors and Actuators

Objectives:

- Get an overview of potential IT services based on existing technologies
- Understand essential computing technologies and their network and sensor's interactions

Session 3 - Cyber Security

Importance of data and network analytics
Business Intelligence (BI)
Quality of Application Development
Risk associated to IoT
Importance of Training and Operation awareness

Objectives:

- Cover the introductory awareness of data, BI, Application Development's security
- Provide an overview of the importance of the Lifecycle's Quality approach to the security of network and IoT
- Give the basic for the analytics good practice

Session 4 – Digital Transformation

Big Data and Data Science
Infrastructure preparation
Consulting and Project Management
IoT and Manufacturing (Industry 4.0)

Objectives:

- Understand the practitioners' expectations and the data management
- Create the overview of all the necessary points to achieve the realization of an IoT platform or/and service
- Get the overview of manufacturing's macro-economic challenges

Session 5 – Q&A and Use Case

Open session
Use case analysis (based on real case if provided)
Conclusions

Objectives:

- IoT value creation in manufacturing
- Answer the participants' questions to fill the gaps in IoT basic knowledge
- Give a practical example of IoT scenario