Understanding Machine-to-Machine (M2M) Communication
Ushering you into the exciting world of M2M 2.0

Course Overview

M2M has been generating a robust global market growth in recent years with a very promising future. The course will introduce the participants to both business and technical aspects of M2M, enhanced with demo/practical session, making it a unique introductory course to help participants to get started with M2M domain effectively. This course features 2 highly practical demo/tutorial sessions to demonstrate the usage of advanced cellular M2M Java terminals and also latest M2M horizontal service delivery platform that helps participants to understand how the technology presented is applied in practical.

Course Outline

Day 1

Introduction to Machine-to-Machine (M2M)
  ➢ Overview of M2M, what and how?
  ➢ Benefits of M2M
  ➢ Major Applications Area of M2M

M2M Market Opportunity, Analysis & Forecast
  ➢ M2M: Market Overview & Opportunity
  ➢ M2M Technology Trends & Driving Forces
  ➢ Technology Supplier moves and success factors
  ➢ M2M Value Chain & Business Model

M2M System Architecture
  ➢ Overview of M2M System Architecture
  ➢ Introduction to ETSI M2M Architecture

Day 2

Overview of Communications Technologies for M2M
  ➢ Communications technologies for M2M: Wired, Capillary, Cellular, Hybrid
  ➢ Advantages and Disadvantages comparison

Cellular as internet enablement technologies in M2M
  ➢ Overview of cellular technologies for M2M
  ➢ Why cellular M2M
  ➢ Cellular M2M connectivity: GPRS, EDGE, UMTS/HSPA, LTE
  ➢ Cellular M2M-enabled your product & system: Modules, Terminals, PCIe Mini card, M2M SIM, MIM
  ➢ Developing your organization M2M strategy

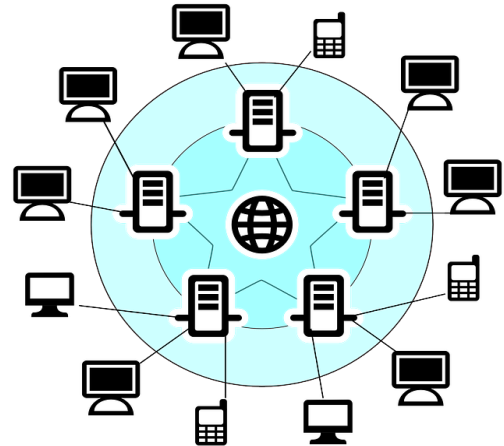Hands-on Session: Cellular M2M terminal application development using Java

Day 3

Overview of M2M 2.0 enablement technology: Horizontal Service Platform
  ➢ Existing M2M architecture & application approach
  ➢ Moving towards horizontal integrated approach
  ➢ Future M2M deployment trend
  ➢ M2M horizontal platform explained
  ➢ Understanding REST in M2M

Real World M2M Application and Deployment
  ➢ Real world M2M application example
  ➢ Case Studies of selected real world M2M deployment

Hands-on Session: Usage of REST on Horizontal M2M Service Platform

Public Training Session
Open for Registration

Date: 24-26 March 2014 (Monday - Wednesday)

Time: 0900 - 1700

Venue: Melia Kuala Lumpur
No. 16, Jalan Imbi,
55100 Kuala Lumpur,
Malaysia.

This public training is HRDF (PSMB) claimable.
Register by 10th February 2014 to enjoy early bird discount.
Certificate will be awarded to participants who complete the training.
Lunch, refreshments and training handout provided and included.
Transportation and accommodation not included.

Go TRAINING

Understanding Machine-to-Machine (M2M) Communication
A 3-Day Practical Course

About the Instructors

Ms Chan Ai Sin graduated from Multimedia University, Malaysia with B.Eng (Hons) and majored in telecommunications. She has more than 10 years experience working on fixed line, 3G and 4G networks. She played a crucial role in the rollout of T-Mobile 3G network in USA and China Unicom 3G network in China, which are among the widest coverage and highest density networks in the world. Previously an Ericsson certified Experienced Learning Architect, she has conducted over 100 sessions of trainings on WCDMA, HSPA as well as LTE. The engineers who attended her trainings had gone on to work on the roll out, operation and maintenance of major mobile networks in more than 10 countries. Her training sessions have always been received with critical acclaim, rendering her one of the most sought after instructors in 3G and 4G mobile communication.

Mr Yew Kok Han graduated with M.Sc in Information Technology in 2005 from Malaysia University of Science & Technology (MUST) in collaboration with Massachusetts Institute of Technology (MIT), USA. He received his B.Eng (Hons) Electronics Engineering, majoring in Telecommunications from Multimedia University, Malaysia in 2002. He has accumulated vast experiences and knowledge in software development and project management in his 9 years of working experience. He is a certified Project Management Professional (PMP) and Certified SCRUM Master (CSM). He is currently the Director of Product and Solutions at a company specializing in Machine-to-Machine (M2M) products, solutions and consultancy services. The company is particularly experienced in M2M products & solutions and is pioneering the transition of M2M development approach in Malaysian market towards M2M 2.0 technology.

Bonus worth RM 1,000 for participants
Each participant will receive a Cellular M2M Java terminal free-of-charge with training participation. Participants will be guided to work on this device during hands-on session in the training. The device is worth RM1000 per unit.

* Image of terminal is provided for illustrative purposes only and the actual terminal you receive may differ from the image displayed above. Go-Training reserve the rights to replace the above terminal with compatible terminal at any time without further notice.

Inclusive of a Cellular M2M Java terminal – worth RM1000

Cellular M2M Java terminal – provided free-of-charge with training*

SPECIALIZED TRAINING
EXPERIENTIAL LEARNING

Go Training
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HRDF Approved Training Provider (Category A)

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