

# KAÏNA-COM TRAINING CATALOGUE

## IoT review

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## KIoT004 – IoT review

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**Reference** KIoT004

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**Experience**

- Beginner
- Intermediate
- Advanced

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**Duration** Training Program (2 Half days):

- 0.5 day & 0.5 day

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**Training Method**

- I: i-learning, individual training (web-based training)
- V: v-learning, virtual class
- C: c-learning, classroom training

**KAÏNA-COM**  
LE CARRÉ HAUSSMANN II,  
6 Allée de la Connaissance  
77127 Lieusaint - France

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**Price** 688,50 € HT

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**Prerequisite**

- Basic technological understanding
- Basic communication and network knowledge

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**Audience** C level executives in related industries (CMOs, CTOs, R&D VPs, Product marketing VPs), Product marketing specialists, Product managers, System architects and System designers, marketing managers.

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## KIoT004 – IoT review, Continued

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### **Objective**

The proposed seminar will describe a comprehensive picture of the IOT world and cover key technologies, major communication issues, key markets, vertical industries, technology and market trends, Market drivers, market forecasts, value chain and key stakeholders. The seminar will also deal with the different challenges faced by the industry. Main attention will also be given to the range of current and future applications.

The seminar will be conducted as a full day seminar. It will be presented as a series of frontal presentations associated with participants' activities such as case study analysis and industry challenges simulations of both products and business issues.

### **Relevant industries:**

Communications, Mobile communications, Cloud services, Big data, Processors and chip designers, Mobile and RF equipment vendors, Sensors developers, Cyber security, SCADA systems and manufacturing automation, control systems, Automotive services, Intelligent transportation systems, Energy, Relevant governmental and municipal agencies

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## KIoT004 – IoT review, Continued

### Course Contents

#### Course Contents :

**Table 1: KIoT002 - Course Contents (Day#1)**

Chapter	Description
<b>IOT introduction &amp; market review</b>	<ul style="list-style-type: none"> <li>• Opening – IOT definition &amp; vision</li> <li>• From M2M to IOT – what makes the difference</li> <li>• Market structure – Stakeholders &amp; supply chain</li> <li>• Vertical picture – range of industries &amp; applications</li> <li>• Broadband IOT</li> <li>• Business models &amp; business challenges</li> <li>• Trends &amp; forecasts</li> </ul>
<b>Technology review</b>	<ul style="list-style-type: none"> <li>• Network &amp; communications</li> <li>• M2M hardware</li> <li>• GNSS &amp; non satellite location</li> <li>• Physical web</li> <li>• M2M platforms</li> <li>• Power</li> <li>• Back office &amp; cloud</li> <li>• OTA update</li> <li>• Standards &amp; standards bodies</li> <li>• Development environments &amp; systems</li> </ul>

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## KIoT004 – IoT review, Continued

### Course Contents, continued

**Table 2: KIoT004 - Course Contents (Day#2)**

Chapter	Description
<b>The Network</b>	<ul style="list-style-type: none"><li>• Basic M(V)NO roles in IOT</li><li>• M(V)NO IOT services</li><li>• Mobile operators challenges &amp; solutions</li><li>• VAS – breaking the pipeline</li><li>• LTE &amp; 5G</li><li>• Alternative IOT networks – P2P BLE &amp; IOT specific networks</li></ul>
<b>IOT as a multi-industry market</b>	<ul style="list-style-type: none"><li>• A snapshot to evolving range of application</li><li>• Main current areas of activity<ul style="list-style-type: none"><li>– Asset tracking</li><li>– Automotive</li><li>– Smart Grid &amp; smart metering</li><li>– Industrial IOT</li><li>– Remote healthcare</li><li>– Wearables</li></ul></li><li>• Integrated concepts towards the future<ul style="list-style-type: none"><li>– Smart home</li><li>– Smart Cities</li></ul></li></ul>
<b>The End</b>	<ul style="list-style-type: none"><li>• Summary</li><li>• Q&amp;A</li><li>• The End</li></ul>

