

## Unit R050: IT in the digital world. Topic Area 5: Internet of Everything (IOE)

### 6.1 Use of IoE

#### What is the IoE

- The four pillars of the IoE
- The interactivity between the four pillars
- IoE digital interactivity
  - Device to device
  - Human to device
  - How digital devices can be tailored to meet the needs of the user

### 6.1 Use of IoE - to include

- Know what is meant by the IoE
- Know how the World Wide Web (WWW) and the Internet are used in the use of the IoE
- Know the four pillars and understand the interaction between them
- Advantages and disadvantages of the IoE
- Know about digital interactivity
- How devices can be tailored to meet the needs of the user

### 6.2 Application areas in everyday life

- Energy Management
- Health
- Manufacturing
- Military / Emergency Services
- Smart devices
  - Business
  - Home
  - Personal
- Transport

### 6.2 Application areas in everyday life - to include:

- Know the purpose of the IoE applied to each application area
- Advantages and disadvantages of the IoE applied to each application area
- Assess the suitability of the use of the IoE for each application area
- The security issues related to the use of the IoE in each application area

The emergency services include:

- Ambulance
- Coastguard
- Fire Service
- Mountain Rescue
- Police