

Develop an Internet of Things platform for smart vending systems

Stefan Manning

BCS in Information Technology, dq010612@reading.ac.uk

ABSTRACT

The Internet of Things (IoT) is a computing concept that relates to machines being able to communicate over the internet. This communication allows device to become smart as they can leverage grater data sets and computing power. This paper investigates IoT platforms, technologies and their application to the vending industry, with an example implementation. The implementation focused on providing the ability to gain real time information from vending machines and to help in the decision making, whilst the research revealed other opportunities that IoT opens up to this industry. In conclusion IoT provides many benefits and is fairly simple to implement and reduces the dependency on cash with in the vending industry.

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, *Proc. 13th School Conf. for Annual Research Projects*, V F Ruiz (Ed), University of Reading, 3rd June 2014.