

# Abbreviations

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**ADC:** Analog to Digital converter  
**AES:** Advance encryption standard  
**AT:** Arrival time  
**bpm:** beats per minute  
**CCS:** Centralized Cloud Server  
**CO<sub>2</sub>:** Carbon dioxide  
**CPU:** Central Processing Unit  
**DBaaS:** DataBase as a Service  
**DoS:** Denial of Service  
**EaaS:** Ethernet as a Service  
**ECG:** Electrocardiography  
**ED:** Edge Device  
**EMG:** Electromyography  
**HaaS:** Health-as-a-Service  
**HEFT:** Heterogeneous Earliest Finish Time  
**IaaS:** Infrastructure as a Service  
**IoT:** Internet of Things  
**IIoT:** Industrial Internet of Things  
**IPMaaS:** Identity and Policy Management as a Service  
**IR:** Instruction register  
**NAD:** Network Access Device  
**PaaS:** Platform-as-a-Service  
**PAMIoT:** IoT-based Physical Activity Monitoring  
**PRE:** proxy re-encryption  
**PC:** Program Counter  
**QoS:** Quality of Service  
**R-Pi:** Raspberry Pi  
**RSA:** Rivest Shamir Adelman  
**RT:** Response time  
**S2aaS:** Sensing as a Service  
**SAaaS:** Sensing and Actuation as a Service  
**SaaS:** Software-as-a-Service  
**SEaaS:** Sensor Event as a Service  
**Senaas:** Sensor as a Service  
**SLA:** Service Level Agreement  
**SMS:** Short Message Service  
**SP:** Stack Pointer  
**IPMaaS:** Identity and Policy Management as a Service  
**UDA-IoT:** Ubiquitous Data Accessing method  
**VM:** Virtual Machine  
**VSaaS:** Video surveillance as a Service  
**WBAN:** Wireless Body Area Networks