

Abbreviations

ADC: Analog to Digital converter
AES: Advance encryption standard
AT: Arrival time
bpm: beats per minute
CCS: Centralized Cloud Server
CO₂: 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