Machine-to-Machine Communications for Healthcare

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Abstract

Machine-to-machine communications for healthcare is emerging for the benefit of humans. In addition to novel medium access, we provide a systematic view to look for ways to develop technology to accomplish this goal, and a thorough vision toward effective system and network design.

Keywords

Machine-to-machine communications; Healthcare; Medium access; Cloud services

References


Machine-to-machine communications refers to autonomous communication between devices or machines. This book serves as a key resource in M2M, which is set to grow significantly and is expected to generate a huge amount of additional data traffic and new revenue streams, underpinning key areas of the economy such as the smart grid, networked homes, healthcare and transportation. Examines the opportunities in M2M for businesses.

Healthcare: It is a truly emerging market with the aim to use M2M technologies to increase the ability to monitor patients in real time, among others. The main areas are clinical applications and usage in well-being (e.g., fitness monitors).