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5G and the Haptic Internet: Emerging Technologies, Solutions and Market Opportunities

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Abstracts

Overview:

Most people are familiar with Haptic technology by way of the kinesthetic user interface for smart phones or other consumer electronics that recreates a sense of touch by applying forces, vibrations, or motions to the user. Conversely, haptic devices may incorporate tactile sensors that measure forces exerted by the user on the interface. The fifth generation (5G) of cellular is widely anticipated as a game changer for many reasons including a few low-latency dependent applications such as those that utilize Haptic Internet.

Next generation Internet applications will be tactile and responsive to non-verbal communication in which remote users will be able to enjoy haptic experiences through real-time interactive systems. Aided by 5G networks, haptic systems and applications will facilitate transmission of touch and actuation in real-time, leading to a new class of highly interactive and engaging services generally referred to as Haptic Communications. It is expected that commercialization of 5G will allow the Haptic Internet to go mainstream as applications become available on an anytime, anywhere basis.

This report evaluates haptic technology, impact of 5G on Haptic Internet, and related market opportunities for new applications and services. Haptic Internet applications are considered across different industry verticals and use cases. All purchases of Mind Commerce reports includes time with an expert analyst who will help you link key findings in the report to the business issues you're addressing. This needs to be used within three months of purchasing the report.

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Target Audience:

Mobile network operators

5G infrastructure suppliers

Wireless device manufacturers

Big Data and analytics companies

Next generation Internet app developers

Semiconductor and embedded companies

M2M and Internet of Things (IoT) companies

Next generation augmented reality providers

Next gen content, commerce, and app companies

Enterprise in all market segments and industry verticals

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