

Chapter 7

Harnessing IoT and Geomarketing for Agile Marketing

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ABSTRACT

The integration of Internet of Things (IoT) and geomarketing is revolutionizing marketing strategies by providing real-time, location-based insights into consumer behavior. IoT devices, such as wearables and smart sensors, generate continuous streams of data that, when combined with geomarketing information, enable businesses to deliver highly targeted and personalized marketing messages. This synergy enhances decision-making and adaptability, allowing for swift adjustments to marketing tactics based on current consumer interactions and environmental conditions. However, the integration presents challenges related to data management, privacy concerns, and operational changes. Future trends, including advancements in artificial intelligence (AI), augmented reality (AR), and 5G technology, promise

DOI: 10.4018/979-8-3693-4466-8.ch007

further innovations in this field. This chapter explores the transformative impact of IoT and geomarketing on agile marketing, addressing both the opportunities and challenges while highlighting emerging trends that will shape the future of data-driven marketing strategies.

INTRODUCTION

IoT and Geomarketing are the most revolutionary changes that the technology and marketing junction is introducing in the most transformative feature of the way through which businesses interact with consumers (Alqahtani, 2024). IoT stands for the Internet of Things, which provides a network of interconnection between devices that can communicate and exchange data with each other over the internet. With various devices, such as smartphones, wearables, smart household appliances, cars, and much more, data from real-time interactions provides volumes that allow businesses a wider field of view into behaviors, preferences, and interaction trends. Geomarketing, on the other hand, uses geographic data to derive location-based marketing strategies (Vecchio et al., 2021). With location data from consumers' devices, businesses are able to send much more targeted and contextually relevant marketing messages to their customers at the right time and place. In a swift and digitalized world, the ability to react to customer needs as well as market changes in real time is becoming a crucial differentiator for businesses. This is where IoT and Geomarketing step in. By embedding these technologies into the marketing plan of a business, the room becomes available to advance beyond the traditional, static approaches and to further a dynamic, responsive, and, most importantly, personalized model of marketing. IoT allows for the potential to grasp continuous data streams from the devices a consumer has connected to obtain more profound insights into behavior for better real-time decision-making. On the other hand, Geomarketing gives a spatial dimension to this information and provides an opportunity for the enterprise to adapt marketing decisions with respect to consumers' location and mobility (Okorie, 2024).

The synergy between IoT and geomarketing produces powerful opportunities for implementing what is known as agile marketing, which places a premium on flexibility, speed, and responsiveness to change. Agile marketing means staying on your toes to turn strategies, right at any moment, with new insights from real-time data. It means being highly adaptive to an ever-evolving marketplace. The integration of IoT with Geomarketing allows brands to turn this agility into practice by providing tools and insights to anticipate and respond to changing consumer needs as they happen (Moradi, 2021).

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