# Emerging technologies reshaping business practices by 2025



As we approach 2025, emerging technologies are significantly reshaping business practices across various sectors. Artificial intelligence (AI), the Internet of Things (IoT), virtual and augmented reality, and green technology are solidifying their roles as foundational elements for innovation and operational efficiency.

In 2024, AI emerged as a crucial influencer in enhancing user experiences. The integration of AI-powered sound systems and smart devices has drastically transformed interactions with technology. Sukhesh Madaan, CEO of Blaupunkt Audio India, noted, “AI-powered sound systems and hyper-responsive smart devices have completely redefined convenience and performance. In addition to intelligence into devices, integrating AI into everyday products has opened up ecosystems of interconnected devices that not only respond to user need but also anticipate it.” Moving forward into 2025, the emphasis will be on creating more intuitive and personalised experiences while prioritising ethical AI practices and data privacy.

AI and machine learning also significantly advanced operational efficiency in 2024. The rise of generative AI and machine learning has allowed businesses to utilise predictive analytics and real-time automation, fundamentally reshaping their operations. Manish Godha, founder and CEO of Advaiya, highlighted, “The explosion in AI-assisted, low-code development is democratizing innovation, enabling businesses to deliver solutions faster than at any time in the past.” Peripheral automation (PA) is anticipated to be a vital technological advancement that will help companies maintain stability while implementing scalable solutions.

The concept of the metaverse has expanded beyond its initial gaming roots and is now regarded as a multifaceted platform. As of 2024, it serves various functions, including virtual offices and online learning environments. Dr. Ashok Kumar Mittal, Chancellor of Lovely Professional University, remarked, "The metaverse is expected to advance further by 2025, which would allow more individuals to connect and collaborate effortlessly. Such democratization within the metaverse can usher in an era of unprecedented levels of collaboration and inclusivity on a global scale." By 2025, the metaverse is predicted to facilitate increased opportunities for collaboration and inclusivity, thereby transforming traditional work and educational practices.

The progress towards sustainability and the adoption of green technology also gained momentum in 2024, with energy-efficient devices and eco-consciously designed practices becoming priorities for businesses. These developments are essential for addressing global challenges, such as climate change and resource scarcity. The anticipated fusion of advanced computing and biotechnology is expected to propel green technology further into mainstream usage by 2025.

Overall, the technology trends of 2024 lay the groundwork for a future rife with innovation. As businesses and individuals navigate this rapidly evolving landscape, their ability to stay informed and responsive to these trends is vital for maintaining competitiveness in the global market. The upcoming years promise a wealth of advancements, whether through harnessing AI capabilities, delving deeper into the metaverse, or prioritising sustainability.

Source: [Noah Wire Services](https://www.noahwire.com)

## Bibliography

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