Top Emerging Tech Use Cases

Innovative technologies like these provide opportunities for MSPs to build solutions that solve real-world business problems.



Artificial Intelligence

Generative AI can produce language based on prompts, allowing for more natural conversations with robots and other devices. Explainable AI is able to tell us how that technology arrived at its conclusions, offering explanations for its responses.



Internet of Things

loT applications are growing, but also becoming far more secure than in the past. Advanced loT will be used to improve fleet management, provide better patient outcomes and secure data being passed among wearables and other smart devices.



Machine Learning

The next step in machine learning involves AutoML.
AutoML will automate many of the time-intensive jobs such as parameter selection and data cleansing for use with information locating among documents and faster fraud detection.



5G Networks

5G networks have increased speeds and reduced latency in widespread areas. 5G Standalone (5G SA) will leverage cloud-based architecture to provide access to remote locations and devices which will increase internet access regardless of location.



Edge Computing

Edge computing allows for the processing of data closer to the point of creation. This creates more efficient processing of data without interruptions or latency and will help in cases such as healthcare monitoring and optimization of content delivery networks.



Blockchain

Blockchain provides an indelible chain of transactions which allows for more trusted digital interactions, particularly with regards to financial transactions, better protection of intellectual property and improved supply chain management.



Spatial Computing

Spatial computing lets users interact with a digital interface in their physical space, which creates new opportunities for remote collaboration, greater design visualization and immersive marketing campaigns.



Smart Spaces

Smart Spaces
technology strives for
a better utilization of
energy consumption
and more efficient
use of building space
and occupancy,
leading to improved
management of
health and safety
in spaces



Smart Cities and Homes

Using IoT, sensors and other connected devices will enable greater use and efficiency in public, business and residential spaces. Smart spaces will make better use of energy and occupancy and will help improve public safety.



Homomorphic Encryption

Homomorphic encryption allows for data transfer without decrypting information, which will improve the security of personally identifiable information (PII) and financial information and could help eliminate voter fraud.



Metaverses

The metaverse will be a digital world that goes beyond our current AR and VR capabilities, which will allow for immersive virtual events, remote tours of real estate and better instructional opportunities.



3D Printing

The addition of ceramic and metal to 3D printing and additive manufacturing is greatly expanding possibilities, allowing for advances in healthcare involving bone-like medical implants as well as the manufacturing of aerospace components and machinery.



Robotics and Automation

In addition to improved interactions with robots, advances will help to eliminate potentially dangerous jobs while enabling expanded space exploration.