

Technology Trends

The shift in consumer focus away from connectivity service providers need to prepare for changing demands on their infrastructure, meet evolving customer expectations, and maximize the value of their service offerings. Technology is a Catalyst for Transformation; hence, this session will review the technology radar and define the direction of tomorrow's new networks which will be Powered by Intent and Informed by Context.

IDC thinks the technology industry is experiencing a once in a lifetime transformation.

"The purest form of insanity is to leave everything the same and at the same time hope that things will change" - Albert Einstein

"Arguing that you don't care about privacy because you have nothing to hide is like saying you don't care about free speech because you have nothing to say" - Edward Snowden

The following latest Technology Trends will form part of the discussion:

Machine Learning & A.I.

- A true artificially-intelligent system is one that can learn on its own while Machine Learning technologies Pseudo AI are driving much of our voice and non-voice-based interactions with machines.
 - For example, Encryption is changing the threat landscape. "Identifying encrypted malware traffic with contextual flow data we could employ machine learning techniques to build detectors

The rise of Network Analytics

- The network of today is changing with the use of analytics to provide insights. This enables us to build end-to-end intuitive networks powered by intent and informed by context, which will enable service providers and their end customer to set business goals and automatically push out the intended policies required to support these new objectives.

Internet of Things & Edge Computing

- Trying to determine the market size for the Internet of Things is like trying to calculate the market for plastics, circa 1940. At that time, it was difficult to imagine that plastics could be in everything. However, with over 30B devices expected to be connected by 2020 this is driving many tech leaders to foresee the need for a new 'edge computing' network to unlock the power of all this data.