

Analytics of Things (AoT), a truly relevant trend to watch and adapt



AoT intervenes the data collected from smart things, to help us exploit the full potential of IoT. In fact, analytics that helps connect smart devices also enables amassing data from multiple sources and analyzing using predictive models, providing "trusted" decisions. Connected cars, wearable devices, smart thermostats, RFID for object tagging, telematics, disease-monitoring sensors, road sensors, smart sprinklers, possibilities are limitless when it comes to adoption of IoT and AoT and how they can make our lives easier and equip the businesses with next-generation capabilities.

According to [BusinessWire](#), the global IoT analytics market is expected to grow from \$4.9 billion in 2015 to \$16.4 billion by 2020, at a Compound Annual Growth Rate (CAGR) of 27.4%.

Over the last couple of years, we all have been hearing a lot about "Internet of things (IoT)" and Big Data Analytics, and how they can bring transformative changes to businesses and everyday life. In fact, this awareness is not limited to tech professionals; even my 10-year-old son discusses these topics with much élan!

While IoT is all about the connectedness of devices through sensors and actuators, Analytics of Things (AoT) comes on top of it, bringing much sense through the analysis of data that is being generated. AoT takes a quantum leap from connected devices and data generation to insights for business value. Without AoT, data and devices would merely expense items.

Basic construct of IoT includes:

- ▶ The "smart" Things or sensor-embedded objects to transmit data
- ▶ Networks that connect things/devices
- ▶ The systems that collect and use the data flowing to and from smart things/devices

Suffice to say that AoT tools will play a critical role in the industries in bringing disruptive changes, make it imperative for organizations to make it key to their business model and value propositions.

IoT Analytics is still catching up in the emerging economies. In the North America and Europe, organization are already deploying AoT tools to gain valuable operational insights and make decisions.

At Trianz, we are having interesting discussions with some of our clients in identifying right use cases, relevant to their business and build Proof-of-Concepts. The enthusiasm and curiosity our clients have evinced is encouraging and augurs well for the future. .