5. Fulfilling the need for security analytics capabilities

The new device will be probably Wi-Fi enabled and they will connect to the

internet, this will create the flood of data for the enterprise to collect, process and analyse.

Organizations must also be able to identify legitimate and malicious traffic patterns on IoT devices. For example, if an employee tries to download a seemingly legitimate app onto his or her smartphone that contains malware, it is critical to have actionable threat intelligence measures in place to identify the threat. The best analytical tools and algorithms will not only detect malicious activity, but also improve customer support efforts and improve the services being offered to the customers.

To prepare for these challenges, enterprises must build the right set of tools and processes required to provide adequate security analytics capabilities.

6. Modular hardware and software components

Security should be considered and implemented in every aspect of IoT to

better control the parts and modules of Internet-connected devices. Unfortunately it should be expected that attackers will seek to compromise the supply chain of IoT devices,