It is estimated that over 5 billion devices are connected to the Internet today. In the next 5 to 10 years, estimates are between 15 and 50 billion. The following list represents a sampling of the types of devices that can be connected to the Internet. Consider the different types of devices that can be on a network, the different business value they may provide (if any), and any security concerns and mitigation strategies associated with them.

**Possible Hosts**

* Desktop
* Laptop
* Server
* Netbook
* Tablet
* Firewall
* Router
* Switch
* Wireless access point (WAP)
* Printer
* Scanner
* Copier
* Personal digital assistants (PDAs)
* Webcam
* Camera
* Television
* Game console
* Smartphone
* Cell phone
* E-reader
* Medical devices, such as insulin pumps, blood sugar monitors, and blood pressure monitors
* Smartgrid