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**IoT Summary**

The Internet of Things is how we describe the digitally connected universe of everyday physical devices. These devices are embedded with internet connectivity, sensors, and other hardware that allow communication and control via the web. IoT helps to make devices “smarter” by giving them the anility to send data over the internet, allowing them to either communicate with people or other IoT devices. An example of these connection is a smart home where devices like thermostats, doorbells, smoke detectors, remote controls, etc. are all connected and talking to each other. The Internet of Things can be found in an array of devices, industries, and settings. IoT is rapidly making the world smarter by connecting the physical and the digital. IoT works by the hardware of the devices collecting data, then sharing that data to the cloud, and integrating it with software, and then the software analyzes the data and transmits it to users via an application or website. IoT devices are all around us constantly transmitting data and communicating with other IoT devices. Each IoT device tracks information in real time and relays it to us to help make our lives safer, healthier, and more efficient.