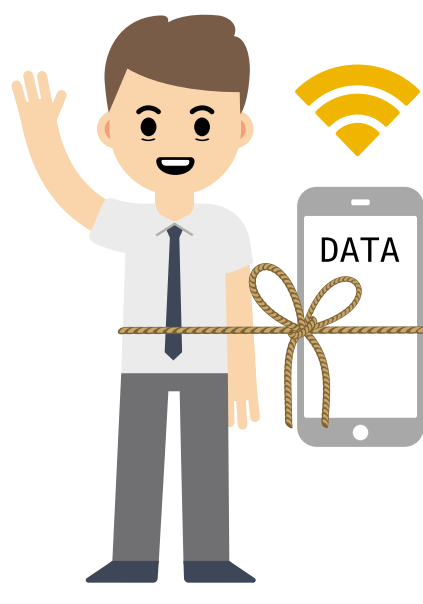




The Internet of Things: IoT Devices in Our World Today

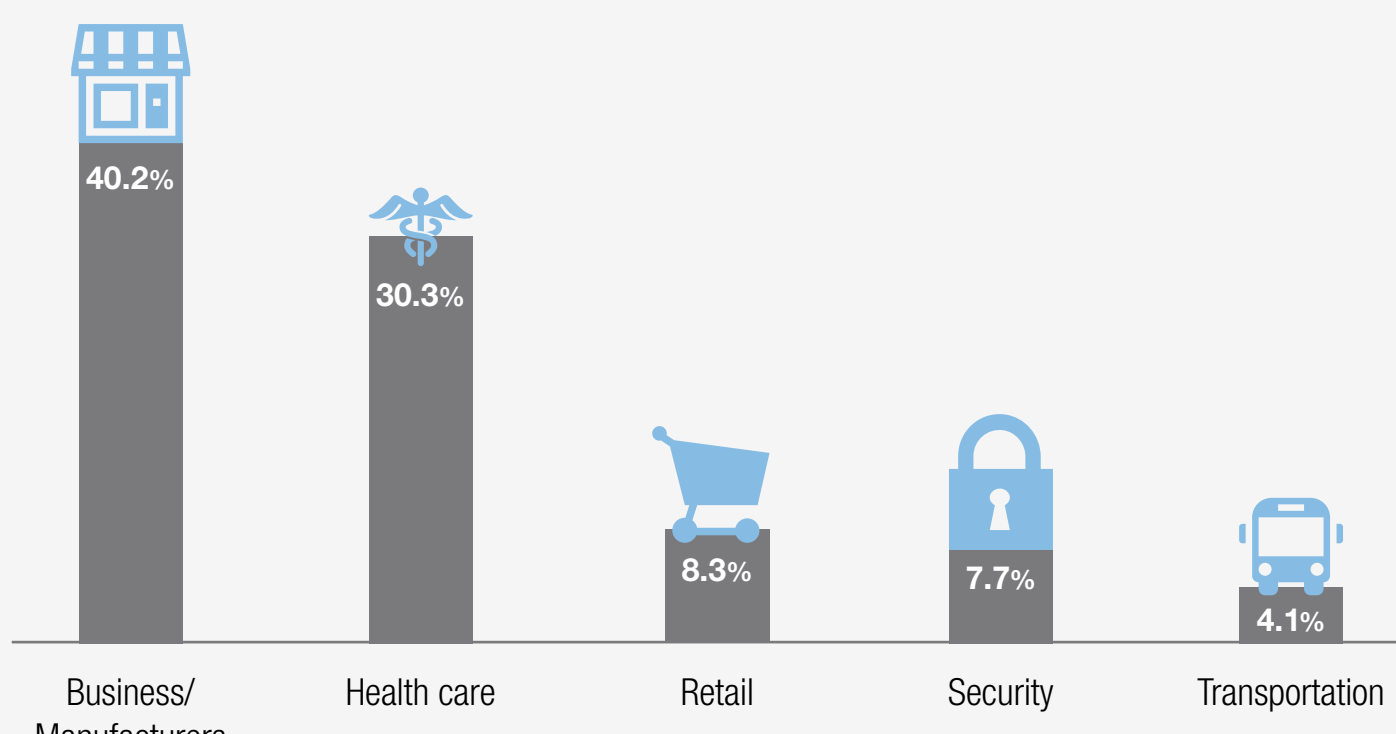


What is "The Internet of Things"?

IoT: connecting devices and humans together over a network (like Wi-Fi) to send, receive and store information.

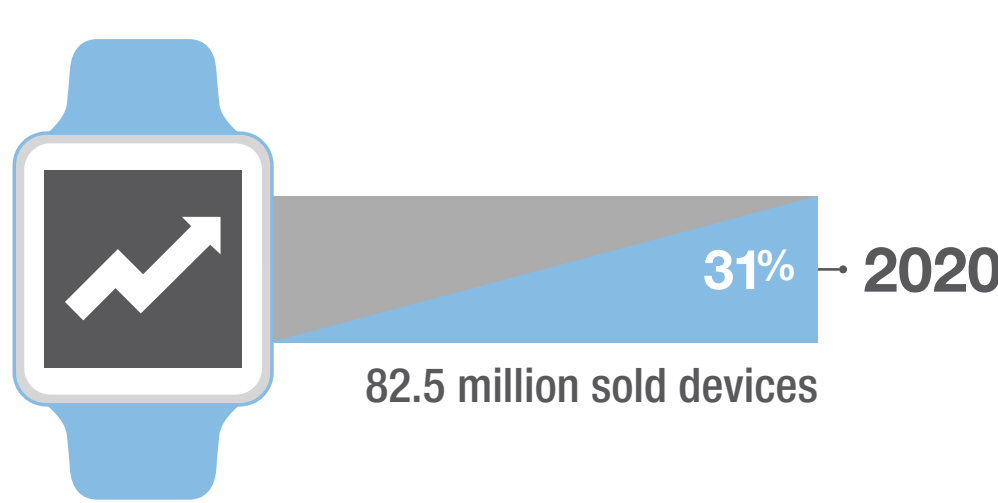
Examples: "Smart" home systems, wireless printers, gaming consoles, wearable devices (iWatch, FitBit, etc.).¹

Where are IoT devices used in our daily lives?⁷



Wearable Devices are Trending

In 2016, 28.3 million wearable devices were sold. Security experts say that number will grow to 82.5 million by 2020.⁵

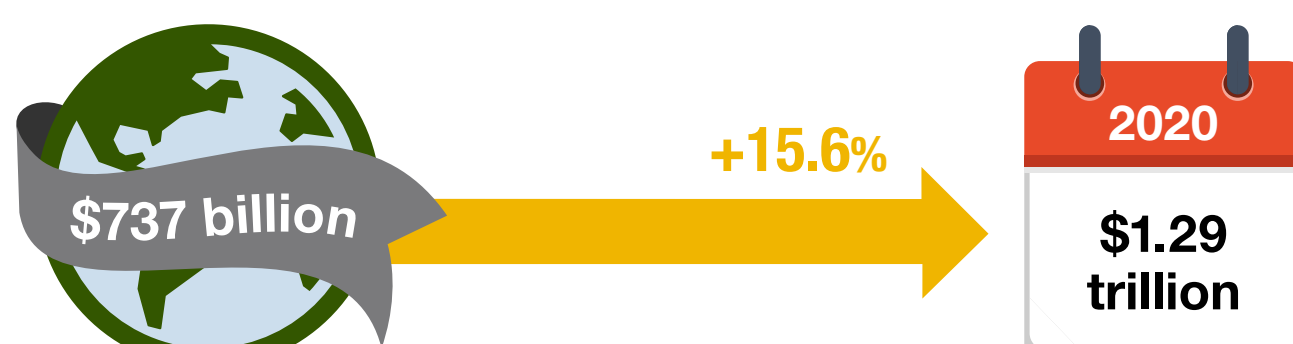


IoT Predictions



Global spending in IoT was \$737 billion in 2016

By 2020, spending is predicted to increase to \$1.29 trillion (15.6 percent increase).⁶



Keep IoT Security In Mind

The Federal Trade Commission (FTC) said that IoT security risks can harm consumers by⁴:

- 1 Enabling unauthorized access and misuse of personal information
- 2 Facilitating attacks on other systems
- 3 Creating safety risks



Important note!

Third parties can also collect personal data stored on your IoT devices. Information includes (but is not limited to): device identifiers, location data, demographic information and search histories.⁴



1. FIC
 2. Cisco Visual Networking Index: Global Mobile Data Traffic Forecast Update 2016-2021, Cisco 2017
 3. Internet of Things 2017: Examining How the IoT Is Augmenting Workplaces and Lives to Transform the World, BI Intelligence January 2017
 4. The Benefits, Challenges and Potential Roles for the Government in Fostering the Advancement of the Internet of Things, FTC Bureau of Consumer Protection and Office of Policy Planning 2016
 5. IDC Forecasts Worldwide Shipments of Wearables to Surpass 200 Million in 2019, Driven by Strong Smartwatch Growth and the Emergence of Smarter Watches, International Data Corporation (IDC) 2016
 6. Internet of Things Spending Forecast to Grow 17.9% in 2016 Led by Manufacturing, Transportation, and Utilities Investments, According to New IDC Spending Guide, International Data Corporation (IDC) 2017
 7. Intel Corporation, Guide to IoT Infographic

Tips on securing your IoT device:

- 1 Consider setting up a separate network for your IoT devices. This will decrease your chances of hackers accessing your personal information by compromising your IoT devices.
- 2 Never connect your IoT device to unsecured networks. Create strong passwords for your Wi-Fi networks, since this is the preferred method of hackers trying to gain access to your home devices.
- 3 Look into available security measures offered for your smart devices. If possible, continue to make them less susceptible to cyberattacks.

