

# The Internet of Everything

## How More Relevant and Valuable Connections Will Change the World

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*This is the first in a series of three Cisco papers that will describe the impact of the Internet of Everything on enterprises, individuals, and countries now – and in the future. Upcoming papers will analyze the “Value at Stake” for enterprises, driven by the Internet of Everything; and provide an “IoE Value Index” – based on*

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## Where Are We Today?

As soon as the Internet was developed, there was a desire to connect more “things” to it. From the handful of computers that made up the Advanced Research Projects Agency Network (ARPANET) shown in Figure 1, the Internet now connects anywhere from 10 billion to 15 billion devices.<sup>3</sup> Even so, less than 1 percent of things are connected to the Internet today.<sup>4</sup>

Figure 1. ARPANET – The Internet Is Born.

Figure 2. Internet Growth Is Occurring in Waves.

Source: Cisco IBSG, 2012

The Internet of Everything:  
Connecting the Unconnected

Figure 3.











