Wait, wait... that sounds awfully metaphysical. That's not what we're going for here.

Let's frame this in different terms: “Technologically, everything is interconnected.”

Well... not quite everything. Not yet. (But hey, brilliant people are working on that. Sit tight; it’s coming.)

The wave of interconnected devices is commonly called the Internet of Things (IoT), and it’s on the rise: growing ever-bigger, faster and faster.

What is the Internet of Things? Per Gartner, “The Internet of Things (IoT) is the network of physical objects that contain embedded technology to communicate and sense or interact with their internal states or the external environment.”

IoT adoption isn’t just happening here and there in isolated, tech-centric pockets. Nope. It encompasses devices in enterprises, industrial environments, infrastructure, the military and consumer space.

And the adoption is increasing. Big time.

Further, consider these IoT adoption predictions that were made for 2020:

- 93% of enterprises will adopt IoT technology
- 90% of cars will be connected to the web through IoT technology
- 80% industrial manufacturing companies will adopt IoT technology
- 3.5B cellular IoT connections will be installed
- 127 new IoT devices are connected to the web, every second
- 26.66B active IoT devices as of August 2019
- 7B IoT devices in 2018
- 75B IoT devices will be connected to the web by 2025
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An Optiv client, a large hotel chain, has two groups of IoT devices: building systems and connected room controls. To implement and maintain these IoT devices in the most secure manner, the hotel chain wanted to ensure that they had the correct standards in place. Due to Optiv’s expertise in industry best practices and our extensive history of helping clients in similar situations, Optiv helped them develop specific security standards for their hotels - similar to the industry-embraced NIST Framework - to improve guest experiences and ensure the secure management of these devices.

The connected world is colossal and exploding, as is Optiv’s expertise and ability to execute in these dynamic environments and tumultuous times.

Secure your security.