

What Things Are in Your Network?

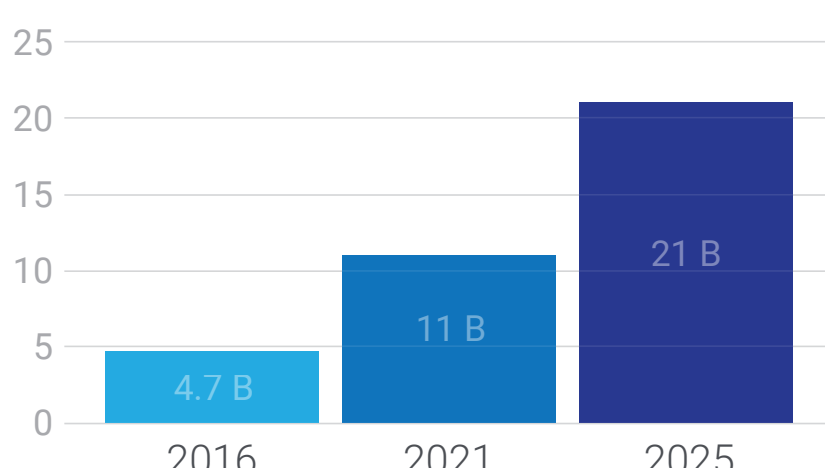
IoT in the Enterprise 2020

The volume of traffic generated by authorized and unauthorized internet-of-things (IoT) devices is skyrocketing, adding to enterprise security risks.

IoT Trends

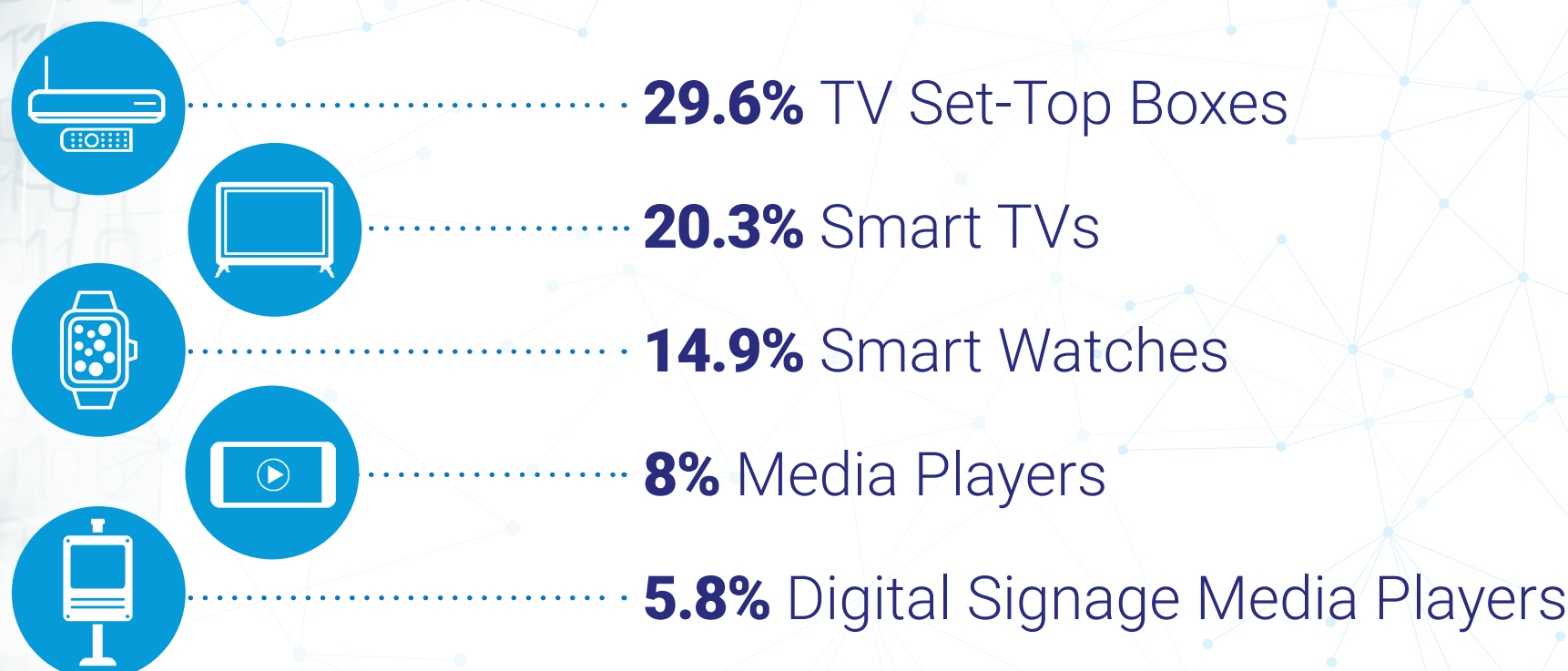
According to IOT Analytics, there were 4.7 billion things connected to the internet in 2016, which is expected to rise to more than 11 billion in 2021 and 21 billion in 2025.

IDC predicts that IoT spending will surpass the \$1 trillion mark in 2022.



Top 5 IoT Devices Sending Traffic

Consumer IoT devices sent the most traffic to the Zscaler cloud.



4 Industries with the Most IoT Traffic

Manufacturing and Retail

56.8%

Entertainment and Home Automation

15.7%

Enterprise

23.7%

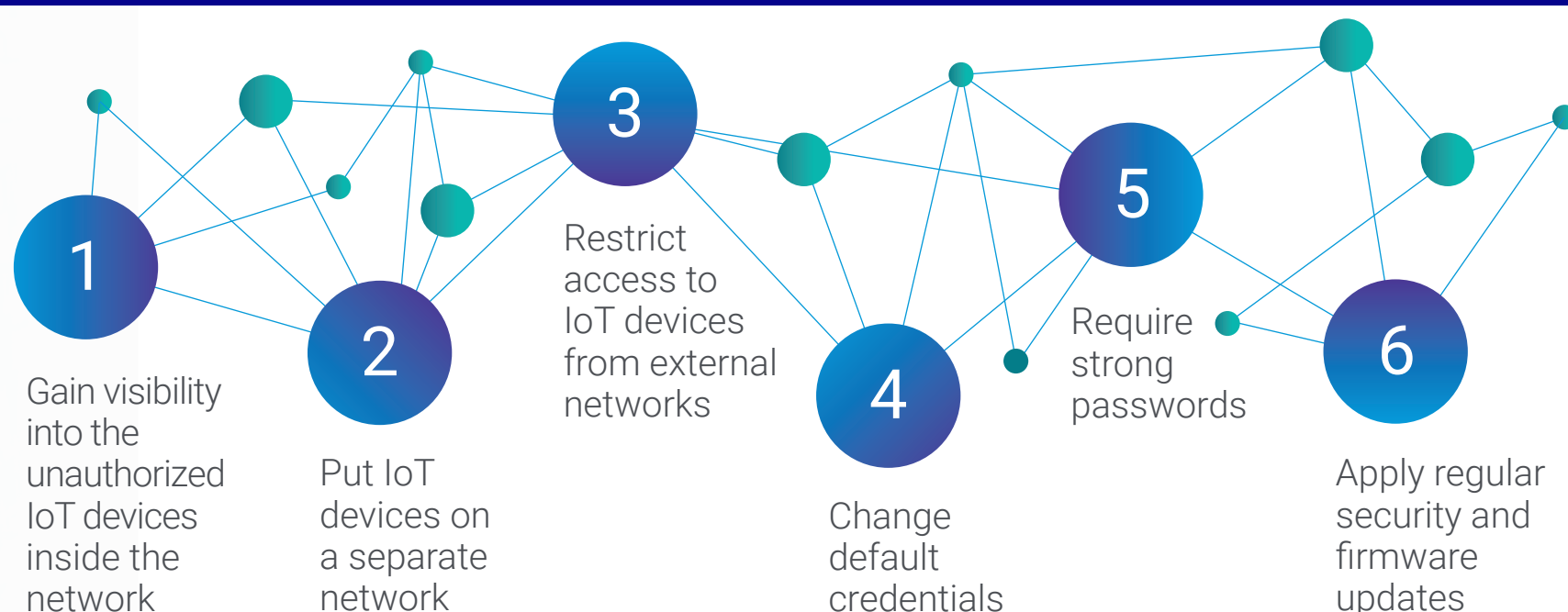
Healthcare

3.8%

Security Threat Trends

- **83%** of IoT transactions were happening over plain text channels, with **only 17% using secure (SSL) channels.**
- Zscaler was blocking **2,000 pieces of IoT-based malware** per month in May 2019; that number has **increased seven-fold to 14,000 malware attempts blocked per month.**

6 Tips to Tackle Growing Threats from IoT



Learn more in the full report.

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