

A horizontal number line with boxes for each integer from 0 to 20. The boxes are arranged in a single row, with a gap between the box for 6 and the box for 7.

[illegible]

. □□□□ □□□□□□ □□

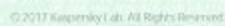
[illegible]

[illegible]

...

[illegible]

آمارها نشان می‌دهند بیش از ۶ میلیارد دستگاه هوشمند در سراسر جهان مورد استفاده قرار می‌گیرند. هنگامی که در سال ۲۰۱۶ بدافزار میربا دستگاه‌های اینترنت اشیا را در معرض تهدید قرار داد، همگان آگاه شدند که چگونه این دستگاه‌ها ممکن است تبدیل به ابزاری شوند که هرکس از آن‌ها استفاده می‌کنند. با این وجود تاریخچه حملات بدافزاری به تجهیزات اینترنت اشیا به خیلی قبل‌تر از ظهور بات‌نت فوق بازی می‌گردد.



□□□□ **-1** □□□

[illegible][illegible]

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □



IoT Device Management

IoT Device Management is a process of managing the lifecycle of IoT devices. It involves the deployment, monitoring, and maintenance of IoT devices. The process is typically divided into three main phases: deployment, monitoring, and maintenance. The deployment phase involves the installation and configuration of IoT devices. The monitoring phase involves the collection and analysis of data from the devices. The maintenance phase involves the repair and replacement of devices. IoT Device Management is a critical component of any IoT system, as it ensures that the devices are operating correctly and that the data they collect is accurate and reliable.

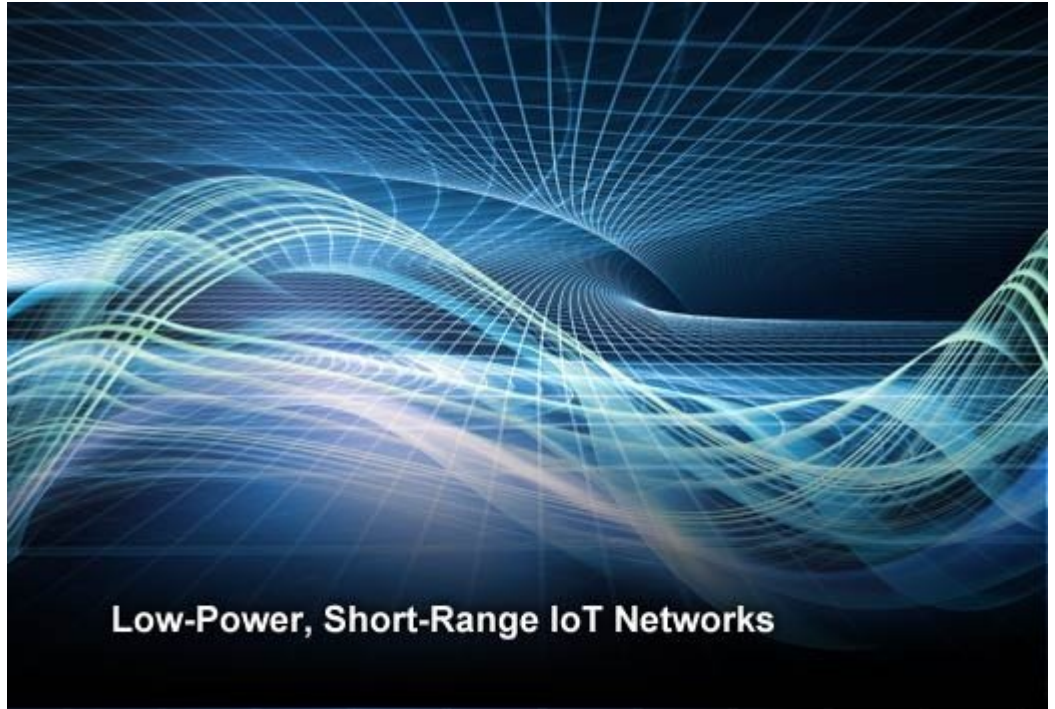
IoT Device Management



IoT Device Management

[IoT Device Management](#) 15

IoT Device Management



Low-Power, Short-Range IoT Networks

IoT networks are a key component of the smart city and industrial IoT (IIoT) ecosystems. They enable a wide range of applications, from smart homes and cities to industrial automation and supply chain management. The growth of IoT networks is expected to continue at a rapid pace, with the number of connected devices projected to reach over 25 billion by 2025. This growth is driven by the increasing demand for data and the need for more efficient and secure communication systems. The development of new IoT network technologies, such as 5G and edge computing, will further accelerate this growth. These technologies will enable the deployment of more powerful and secure IoT networks, which will be able to support a wider range of applications and use cases. The growth of IoT networks is also driven by the need for more efficient and secure communication systems. The development of new IoT network technologies, such as 5G and edge computing, will further accelerate this growth. These technologies will enable the deployment of more powerful and secure IoT networks, which will be able to support a wider range of applications and use cases.

IoT networks are a key component of the smart city and industrial IoT (IIoT) ecosystems.



IoT networks are a key component of the smart city and industrial IoT (IIoT) ecosystems.

[IoT networks are a key component of the smart city and industrial IoT \(IIoT\) ecosystems.](#)

IoT networks are a key component of the smart city and industrial IoT (IIoT) ecosystems.



IoT Platforms

IoT platforms are the backbone of the Internet of Things, enabling devices to communicate and share data. They provide a centralized hub for managing devices, collecting data, and analyzing it to gain insights. IoT platforms also offer security features to protect data and devices from threats. They are essential for businesses looking to leverage the power of IoT in their operations.

IoT Platforms



IoT Platforms

IoT Platforms

IoT Platforms

%D8%A7%DB%8C%D9%86%D8%AA%D8%B1%D9%86%D8%AA-
%D8%A7%D8%B4%DB%8C%D8%A7-
%D8%A7%D8%B4%D8%AA%D8%BA%D8%A7%D9%84%E2%80%8C%D8%A2%D9%81%D8%B1%D
B%8C%D9%86%DB%8C-%D9%85%DB%8C%E2%80%8C%DA%A9%D9%86%D9%86%D8%AF