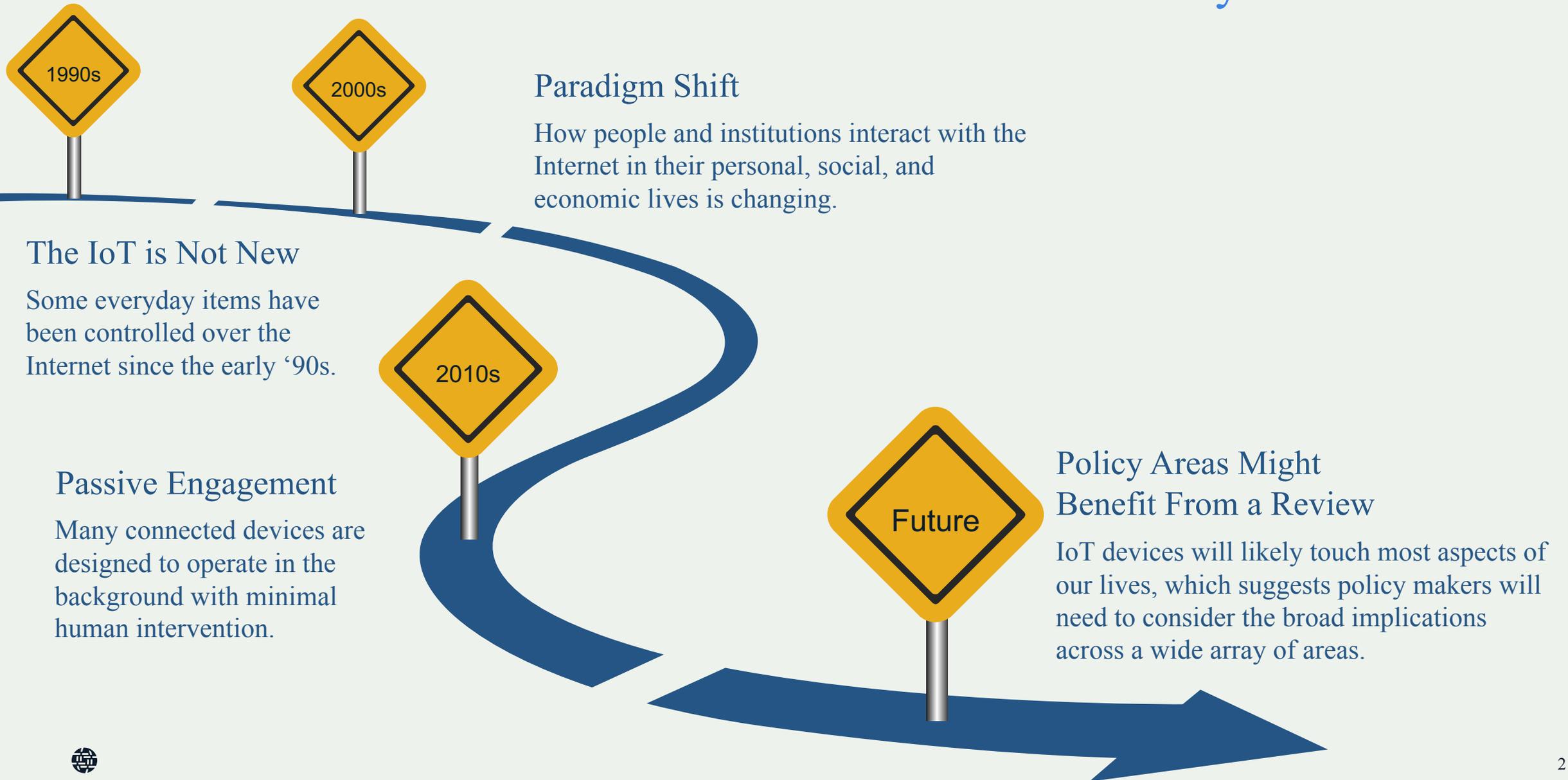


The Internet of Things (IoT)
Everyday items connected
to the Internet will transform
the ways we work, live, and play.



Key Considerations



Challenges

Security

How to ensure robust and lifelong security in IoT products and services?

Interoperability and Standards

The voluntary use of open, interoperable, and widely available standards as technical building blocks for IoT devices will deliver greater benefits.



Privacy

Strategies need to be developed that promote transparency, fairness, and user choice in data collection and handling.

Regulatory, Legal, and Rights Issues

The rapid rate of change in IoT technology could outpace the ability of associated policy, legal, and regulatory structures to adapt.

Emerging Economy and Development Issues

In order for the benefits of the IoT to be truly global, the unique needs and challenges of implementation in less-developed regions will need to be addressed.

Guiding Principles

Promote Internet and data-infrastructure growth

- Governments should promote the expansion of both wireless and wireline infrastructure, and remove barriers to datacenter development.

Encourage IPv6 deployment

- Governments should make IPv6 adoption a national priority, as the IoT will drive up the number of connected devices.

Encourage open, voluntary IoT standards

- Encourage interested stakeholders to work together on the development of open, consensus-based standards that support interoperability.

Adopt a collaborative, multistakeholder approach to IoT policy discussions

- Draw on the expertise of a wide range of stakeholders to develop appropriate solutions.

Encourage a collaborative approach to IoT security

- Empower players to address security issues close to where they occur – don't centralize IoT security.

Encourage responsible design practices for IoT services

- Security-by-design and privacy-by-design practices for IoT devices should be encouraged.



Thank you.

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