

Visa and the Internet of Things

Visa Brings Secure Payments to the Internet of Things (IoT)

By 2020 there will be more than 50 billion devices connected to the internet¹, providing a huge opportunity for these devices to include Visa payment experiences through the Visa Ready Program.



New Ways to Pay and Be Paid

Scenario 1

Paying at a grocery store with a connected watch



Scenario 2

Paying for gas with a connected car



Scenario 3

Buying more milk through a connected refrigerator



Disclaimer: This depiction includes concepts under continuing development.

How the Internet of Things Becomes Payment Ready

Visa secures payment functionality for the Internet of Things using Visa Token Service. In the diagram below, IoT Token requestors guide device manufacturers through Visa Ready certification.



PAN Payment Account Number (PAN) T The token is a surrogate value of a PAN

About the Visa Ready Program for the Internet of Things



The Visa Ready Program is designed to help ensure that all approved devices meet Visa and EMVCo security and performance guidelines. The program provides innovators a path for devices, software and solutions to initiate or accept Visa payments. It also offers a framework for collaboration with Visa, as well as guidance and best practices to access the power of the Visa network. [Click here](#) to learn more.

Contact Us

VISA everywhere you want to be

Sources: Visa Inc. (unless otherwise cited); ¹https://www.cisco.com/web/about/ac79/docs/innov/IoT_IBSG_0411FINAL.pdf