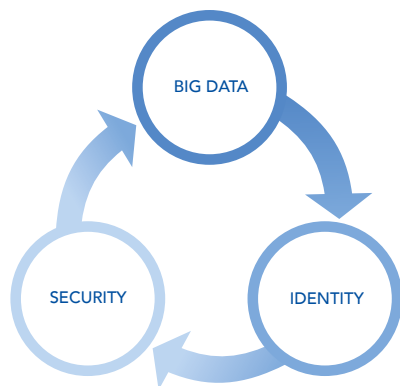


# HOW TO FUTURE-PROOF BANKS FOR THE INTERNET OF THINGS AND SMART PAYMENTS

Banks have the expertise required to develop the trusted, convenient and IoT-compliant payment products of the future

- ≡ **Data protection** will continue to be a key element for fostering trust in payment services.
- ≡ **Digital identity** is an important enabler of the automation at the core of IoT. Achieving trustworthy digital identity will require standardised and interoperable digital identities as well as a standardised KYC framework.
- ≡ **Cybersecurity** will become an even greater challenge in IoT ecosystems. Banks have the know-how to establish proper cybersecurity measures and to help creating a framework clarifying liability in IoT transactions. In addition, banks could store public-private keys to help reduce fraud.



## Get ahead of the curve: successfully positioning banks in IoT ecosystems

The Internet of Things connects physical devices using sensors to digital networks to enable the tracking, monitoring, control and management of devices and processes remotely via the Internet.

At the core of IoT are new technologies (e.g. cloud computing, APIs, 5G, and distributed ledger) that generate, exchange and store massive amounts of data. An IoT ecosystem requires smart payments that leverage smart data and can be made autonomously in real time without manual intervention.

The success of an IoT system is contingent upon trust in the data being generated as well as strong safeguards to verify digital identities and ensure security. Banks are well-positioned to continue serving as the leading providers of trust for their customers in an IoT economy, building on their proven expertise to secure and authenticate customer data.

## Leverage the opportunity: big data

Leveraging the wave of new data identifiable within a trusted IoT environment constitutes the core opportunity that the digital economy offers to banks. Insights based on big data enable banks to evolve payment services to generate new revenue streams and business models based on value-added services that will:

- ≡ **offer their customers more personalised services**
- ≡ **reduce inefficient processes**
- ≡ **detect fraud patterns more proactively**
- ≡ **enable smart payments** based on data analysis and automation

## Learn more: download the report

The report 'The Internet of Things and Smart Payments' is available for download [here](#) >

