

# SECURITY IS THE NEXT MAJOR APP

## Why is Security crucial?

Mobile phones are a goldmine of financial, health, business and personal information. The exponential use of apps, and interaction with IoT devices, raises the need for security to the edge.



## Did you know?

**5** hours a day

is the time spent on phone apps<sup>1</sup>

**40%**

of the world's adults use mobile banking apps<sup>2</sup>

## Customers expect their data to be protected

Recent data breaches have made consumers more aware and more concerned about their data security/privacy.



With all our personal data contained in our smartphones, security is a must-have. Find out why your customers will choose enhanced security for their next handset.

## Security sells

If given the option, consumers are ready to change their habits and pay more for security, especially if it can extend to every single service on the phone.



**38%**

of smartphones sold in 2021 will have security hardware embedded<sup>3</sup>



**92%**

of companies reported an increase in sales or product usage after devices have been made more secure.<sup>4</sup>

## This provides

- Enhanced user experience
- Security as a key USP
- ICT services revenue

With security set to be the next major USP for mobile, Quantum technology provides the highest level of assurance for customers' applications and services.

## Why Quantum Security?

In order to deliver the highest level of security, cryptographic keys need to be truly random.

**Quantum** Random Number Generation produces the highest level of randomness, ensuring that encryption keys are truly random and impossible to decode.



Quantis is the world's first QRNG chip designed for mobile phones

With an embedded Quantis chip, Quantum Random Number Generation can be accessed and used by any app developer. It is easy and quick to apply with a provided SDK.



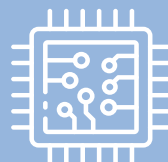
## DISCOVER THE SAMSUNG GALAXY QUANTUM 4



Press Release



Use Case



QRNG Chip

## BUILDING A TRUSTED FUTURE

ID Quantique is the world leader in Quantum Randomness and Quantum Security. Our solutions and expertise helps organisations across the world leverage quantum technologies today, and prepare themselves for the post-quantum era.

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