SECURITY IS THE NEXT MAJOR APP

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.

Did you know?
- 5 hours a day is the time spent on phone apps⁴
- 40% of the world’s adults use mobile banking apps²

Customers expect their data to be protected
Recent data breaches have made consumers more aware and more concerned about their data security/privacy.

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.

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.

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

38% of smartphones sold in 2021 will have security hardware embedded³

92% of companies reported an increase in sales or product usage after devices have been made more secure.⁴

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.

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

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