

## ARMing a Mobile Security Standard

Written by Marco Attard  
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ARM forms a joint venture with European security companies Gemalto and Giesecke & Devrient to create a common connected device (including smartphones, tablets, games consoles and IPTVs) security standard.



Gemalto is the biggest credit card and phone chip maker (by revenue) in the world, and Giesecke & Devrient supplies security products for banking, government and telecom use.

ARM owns 40% of the yet-unnamed company, while Gemalto and Giesecke & Devrient own 30% each.

The 3 companies will share patents, software, equipment, staff and an undisclosed cash amount to develop a Trusted Execution Environment (TEE) based on ARM TrustZone security technology. The TEE will use both hardware security and industry standard software interfaces-- providing a secure environment for multiple silicon, software and device manufacturers.

Mobile device security is a potentially lucrative business, particularly as virus and hacker attacks on smartphones are on the rise-- slowing the adoption of mobile payment systems like Google Wallet.

Go [ARM, Gemalto and Giesecke & Devrient Form Joint Venture](#)

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