



Mobility and Security in a Digital World

Terry Halpin
Mobile Solutions Architect
May 30th 2018



GDPR Regulation: 25th May 2018 – It happened !



For More Information visit
www.gdprcoalition.ie

Twitter
[@GDPR_Coalition](https://twitter.com/GDPR_Coalition)

Linkedin
gdpr Coalition

Brought to you by:



**Are you ready for a
reality check?**



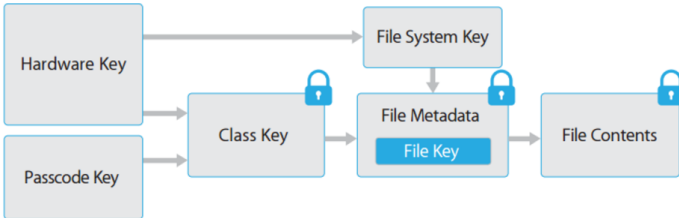
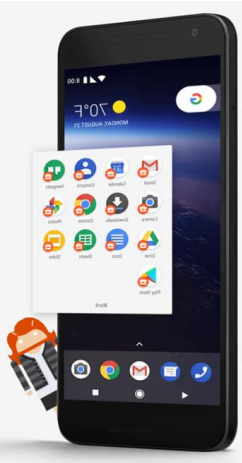
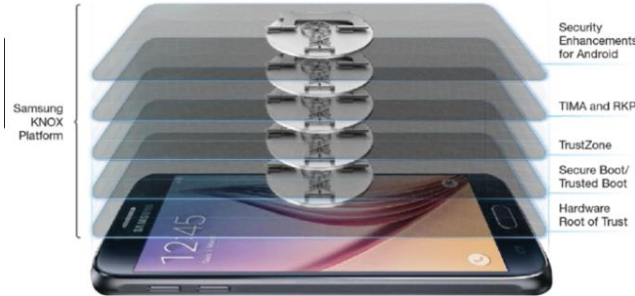


**Smart devices handle sensitive data
for companies and individuals.**

**Protecting data is key in fast paced
mobile world**



Mobile Device Security



Mobile Device Security | Market Leaders



Magic Quadrant

Figure 1. Magic Quadrant for Enterprise Mobility Management Suites



Source: Gartner (June 2017)



Mobile Networks will be capable of Gigabit speeds as we move towards 5G which in turn will enhance 4G speeds on existing hardware.

The need to secure our data is greater than ever due to volumes.





for the **GIGABIT SOCIETY**



5G will enable a number of high-volume applications

	Automotive	Augmented Reality	Utilities, Health, Manufacturing	Private networks
5G Revenue Potential	<ul style="list-style-type: none"> €800m (incl. 4G) by 2025 	<ul style="list-style-type: none"> €400m by 2025 	<ul style="list-style-type: none"> €300m by 2025 	<ul style="list-style-type: none"> Not yet known
Application examples	<ul style="list-style-type: none"> Autonomous transport (V2X): low latency transfer of data between vehicles and infrastructure Real-time telematics & over the air maps updates Internet In The Car enhancements 	<ul style="list-style-type: none"> Field Repair & Maintenance and lone worker Biometrics & other data for surveillance & emergency response (eg facial recognition) Training and simulation: design, training for risky environments, sales demos 	<ul style="list-style-type: none"> Building Management Smart Grid & metering Real time monitoring of patient condition Real time monitoring in production environment Autonomous machines 	<ul style="list-style-type: none"> Hard to reach sites and dedicated networks – creating a virtualised private network: <ul style="list-style-type: none"> Mining exploration Air traffic control Distribution centres
Customer & supplier engagement				



Terry.Halpin@vodafone.com

