**Automotive Guides – Resume of Services required**

1. **Connected Services Overview.**

This data provides information regarding vehicle connectivity within the EU and UK. The data identifies the Make, Model & year of vehicles that have an embedded sim , have tethering capability, duplicate a smartphone or have car play/ android auto. The data also identifies the associated Telecoms Operator, e-call availability and details relating to vehicle factory fitted trackers.

Manufacturers are constantly changing and evolving their connectivity and identify their capability for all models and years is critical and also demonstrates how the market is evolving.

The data can be provided in an excel and PDF formats, as well as a searchable table.

The main data fields required:

* Country
* OEM Group
* Model year
* Brand
* Model
* Variant
* Powertrain
* Compatible infotainment system
* Head Unit Type
* Service Packages
* Subscription Bumdles
* Connectivity types available
	+ Cellular connections
	+ SIM card built in
	+ Telecom Service Provider
	+ Cellular generation connected
	+ WiFi Hotspots
	+ Bluetooth
	+ USB
	+ Applications
	+ Smartphone Connectivity
* Navigations systems and associated capability
* Ecall
* Roadside assistance
* Stolen vehicle control
* Remote diagnostics
* Remote features
* Charging station details

1. **Connected car legislation.**

A report assessing the impact of active and developing legislation on connected services globally.

The connected car eco-system is evolving at a rapid pace. Within it, legacy OEMs and suppliers are constantly investigating how best to enhance their offerings and satisfy ever-changing consumer demands. At the same time, new players - including start-ups and consumer technology firms - are emerging with the intent to embed connectivity across the development, production, and user experience of their vehicles.

1. **Automotive App Guide**

# A guide to the latest in-vehicle apps from Europe, China, and the U.S.The automotive industry is experiencing a shift that will gradually see vehicles defined more by the software they utilize and integrate than the hardware components they are built on. As such, the significance of in-vehicle apps for both the industry and the overall user experience is increasing rapidly. These apps, developed by OEMs and third-party developers alike, often work to offer consumers the functionality and convenience experienced in consumer electronics.

1. **E Theft Guide**

# An analytical deep dive into the methods and tools used to steal vehicles globally.A growing number of intelligent systems and technologies are being installed as standard in new vehicles today, with even more in development and set for installation in the near future. While the most commonly marketed innovations by OEMs stem from the vehicle's HMI and infotainment systems, this innovation extends to safety and security. These features are now present across multiple vehicle segments and most notably include keyless entry - through which the user's smartphone or key fob used to unlock the vehicle.

# Cyber Security Legislation Guide

# A comprehensive guide to the cyber security legislation, best practice guidelines and technical standards that impact on in-car and off-board systems.The Automotive Cyber Security Legislation Guide identifies the threats and opportunities generated by government mandates, guidelines and standards within Europe, USA, China and Japan. Information is also provided on relevant legislation from other countries around the world on an ad-hoc basis when an important development emerges.

**Home Office**

**NCDS (National Communications Data Services) - KMT (Knowledge Management Team)**

June 2023