

MIRRORLINK™ CERTIFICATION SPECIFICATION FOR SMARTPHONE IN-CAR CONNECTIVITY

Test House | Systems House | Software House



ABOUT MIRRORLINK™ TECHNOLOGY

MirrorLink™ is a technology standard that allows consumers to access their phone using the same controls they use for accessing the car radio, climate control, and navigation system. It is based upon non-proprietary technologies, including Bluetooth® technology, USB™, Wi-Fi, Universal Plug and Play (UPnP™) and Virtual Network Computing.

The technology standards are governed by the Car Connectivity Consortium (CCC), a group of automotive, mobile communications, and consumer electronics industry companies. The CCC was formed in February 2011 to create global standards for Smartphone in-car connectivity.

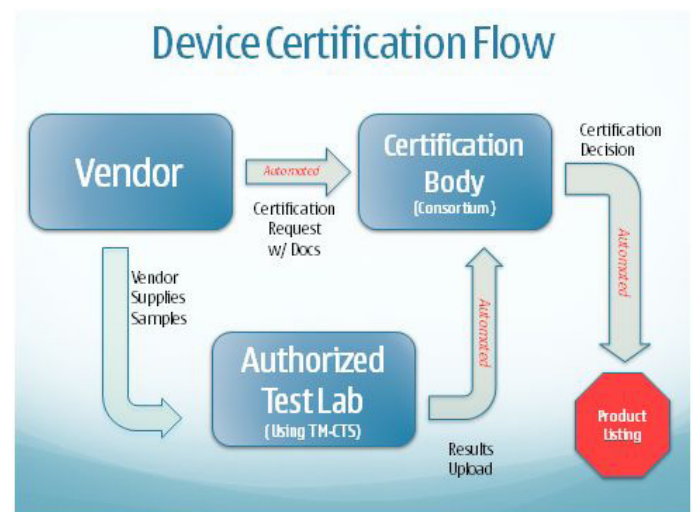
MirrorLink™ is the CCC's first effort to develop a global standard. It effectively enables users to utilize their smartphone in a safer manner.



MIRRORLINK™ CERTIFICATION PROGRAM

MirrorLink™ Certification is based on MirrorLink™ specification conformance and client/server interoperability. The complete process you have to follow for initial certifications is contained in the Car Connectivity Consortium's Program Management Document. This also contains information on how to maintain compliance for already certified products.

The diagram below outlines the process for MirrorLink™ device certification and how devices are officially recognized by the CCC.



www.MirrorLink.com

7LAYERS MIRRORLINK™ SERVICES AT A GLANCE

- Consultancy on MirrorLink™ certification
- MirrorLink™ device certification
- Application certification - coming soon!
- Interoperability (IOP) testing between a set of mobile devices and an automotive head unit
- MirrorLink™ stack development testing

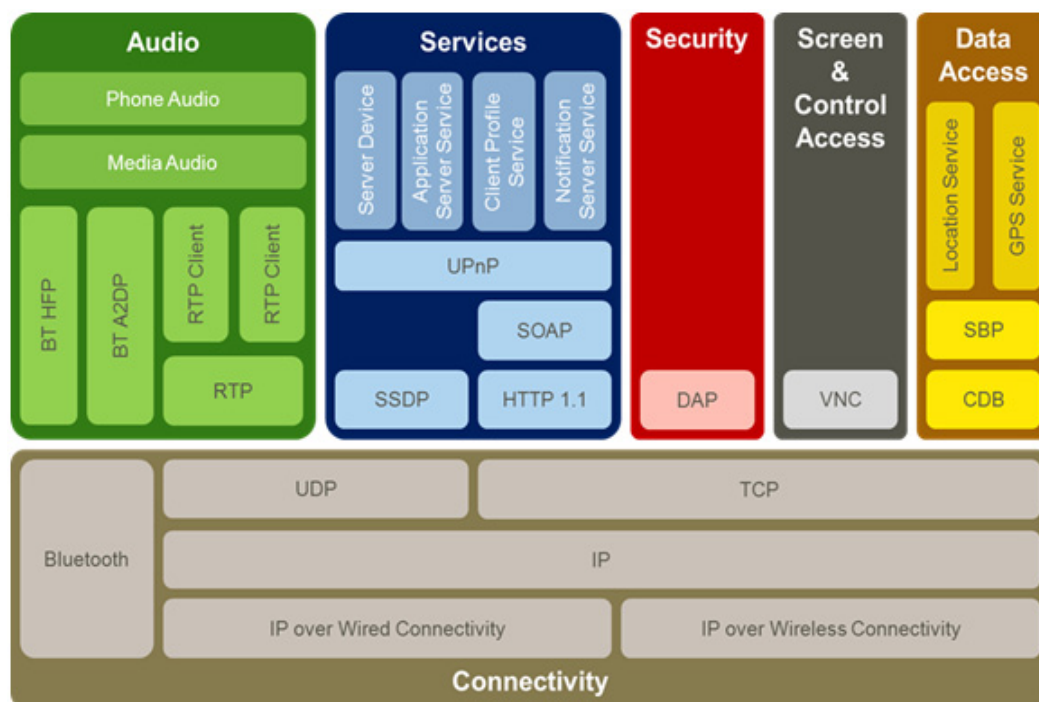
7LAYERS MIRRORLINK™ UNIQUE EXPERTISE

- First Authorized Test Lab (ATL) to offer MirrorLink™ certification services in all major markets (Europe, Asia, North America)
- Actively involved with the Car Connectivity Consortium from an early stage
- Cross industry experience with automotive and consumer electronics

EXPERIENCE WITH A VARIETY OF AUTOMOTIVE AND CONSUMER DEVICE CATEGORIES

- Infotainment
- Bluetooth® Technology
- Car Kits
- Smartphones
- Navigation/GPS
- Tablets
- Telematics
- Fleet management
- Tracking
- Diagnostics

MIRRORLINK™ ARCHITECTURE OVERVIEW



Germany	+ 49.2102.7490
France	+ 33.612.717.783
Spain	+ 34.634.507.296
Israel	+ 972.3.6450756
P.R. of China	+ 86.10.68050369
Taiwan R.O.C.	+ 886.2.29551270
South Korea	+ 82.70.88532301
Japan	+ 81.45.5340515
USA	+ 1.949.7166512