Report length: 178 pages

Table of Contents

Forward
Goode Intelligence
    Author
Report Scope
Goode Intelligence Methodology
Regional Definitions
Executive Summary
Market Analysis
    Automotive Biometric Supply Chain / Ecosystem
        Automotive OEMs
            Byton
            Mercedes-Benz
            Lynk
            Subaru
            Nissan
        Semiconductor Manufacturers
        Biometric Vendor
            ECG
            EEG
            Face
            Fingerprint
            Gait
            Iris
Voice
Authentication Vendor / Service Provider
Automotive Component Suppliers
   Continental
   Magna
   Bosch
   Gentex
   Samsung
Payment Service Provider
Taxis/ Ride-Sharing / Rental Car Provider
   Ride-Share
   Rental Car Provider – Car Sharing
Automotive Insurance Provider
   Smart Mobile Device (SMD) OEM
   Smart Wearable Device OEM
Regulation, Industry Bodies and Technology Standards
Regulation
   EU GDPR
   UK Government Security Guidelines for Connected Cars
   USA National Highway Traffic Safety Administration (NHTSA)
   “Cybersecurity Best Practices for Modern Vehicles”
Industry Bodies
   National Automobiles Dealers Association – Personal Data in your Car
   Future of Automotive Security Technology Research (FASTR)
Technology Standards
   The FIDO Alliance
Global Platform

Car Connectivity Consortium (CCC)

CCC Digital Key

Applications and Market Adoption

Personalisation

Smart Mobile and Wearable Devices

In-Vehicle Biometric Integration

Vehicle entry – Access Control

Smartphone

Smart Wearable Device

Key Fob

Car Integration

External camera – Face & Gait

External Fingerprint Sensor

Vehicle-start

In-car payments

Insurance

Health, Wellness and well-being – HWW

Vehicle to Home Automation

Hardware Biometric Sensor Technology

Summary

Fingerprint Sensor

Trends for Fingerprint Sensors

Advantages and Disadvantages of Fingerprint Biometrics

Iris

Advantages and Disadvantages of Iris Biometrics
Heart Biometrics - ECG
Advantages and Disadvantages of Heart Biometrics

Face
Advantages and Disadvantages of Face Biometrics

Voice
Advantages and Disadvantages of Voice Recognition

Brain (EEG)
Advantages and Disadvantages of Brain (EEG) Biometrics

Vendor Profiles
Biometrics Vendors and Service Providers

Iris
- Eyelock
- Fingerprint Cards - ActiveIris
- Princeton Identity

Face
- FaceTec
- IDEMIA
- iProov
- Thales Gemalto

Fingerprint
- Fingerprint Cards
- Goodix
- IDEX
- Precise Biometrics
- Qualcomm
- Silead
Biometrics for the Connected Car – Automotive Biometrics Market Analysis & Forecasts
2021-2026 (2nd edition)

Sonavation
Synaptics
Heart (ECG)
Nymi
B-Secur
Voice
Nuance Communications
Sensory Inc.

Forecasts
Methodology and Assumptions
Addressable Market Forecasts
Connected Car Forecasts
Connected Car Biometric Forecasts
Introduction
In-Car Biometric Forecasts
Introduction
Fingerprint Biometrics Integrated into a Connected Car
By Unit (System)
Revenue Forecasts – Fingerprint for Connected Cars
Iris Biometrics Integrated into a Connected Car
By Unit (System)
Revenue Forecasts – Iris for Connected Cars
Face Biometrics Integrated into a Connected Car
By Unit (System)
Revenue Forecasts – Face for Connected Cars
Voice Biometrics Integrated into a Connected Car
By Unit (System)
Revenue Forecasts – Voice for Connected Cars

Heart (ECG) Biometrics Integrated into a Connected Car
By Unit (System)
Revenue Forecasts – Heart (ECG) Biometrics for Connected Cars

Total (combined) Biometrics Integrated into a Connected Car
By Unit (System)
Revenue Forecasts – Total Biometric Systems (Combined) for Connected Cars

Smart Mobile Device Biometrics for the Connected Car Forecasts
Introduction

Smart Mobile Device Biometrics for the Connected Car Forecasts
Revenue Forecasts – Total Smart Mobile Device Biometric Apps Used for Automobiles

Smart Wearable Device Biometrics for the Connected Car Forecasts
Introduction

Smart Wearable Device Biometrics for the Connected Car Forecasts
Revenue Forecasts – Total Smart Wearable Device Biometric Apps Used for Automobiles

Appendices

Appendix A – Organisations Referenced In Report