

Operational Technology Convergence

Internet of Things

Information Technology

Internet, Cloud, Cybersecurity

Digital Identity

Safety, Availability, Embedded



Identity's Unique Role



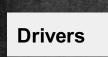


Security,
Privacy, and
Consent



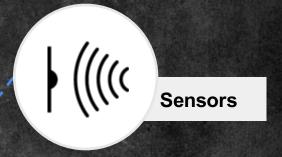
Digital Identity is Everywhere in Connected Cars

















Non-Person Identity Attributes



MFD. IN JAPAN BY HONDA MOTOR CO., LTD; 2/'04 GVWR 4320LBS GAWR F 2160LBS R 2250LBS THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE:

V.I.N. JHLRD77874C026456



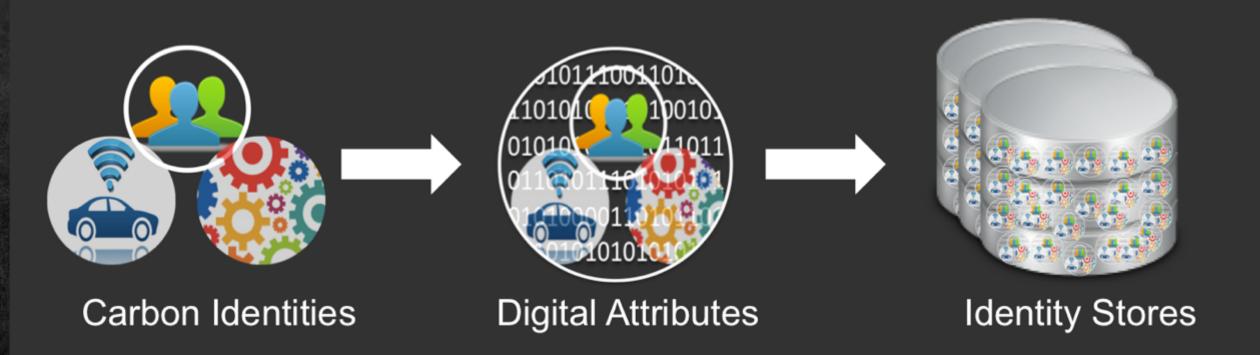


iPad

64GB

Class B specifications. FCC ID: BCG-E2328A and IC: 579C-E2328A IMEI 0100040001000000 Serial V000000JW0T0

Digital Identity



The information that makes something unique



Connected Car Hacked

FORGEROCK

Charlie Miller Jeep Cherokee Chris Valasek Track / Steer Wireless Attack Kill Engine

Brake / Disable



Credentials and Authentication:





Establishing Digital Trust and Assurance



Privacy and Consent







Identity-Driven IVI Personalization

AGL Identity Binding & Binder to accept standards-based identity tokens; integrated with AGL security framework and contributed to Unified Code Base





User Self-Service

Identity Management

Owners

Drivers

Maintainers

Vehicles

Software Services

Credential

Standards

-based

Identity

Tokens

Management

Authentication

Authorization

Same Tech Enables:

User-to-Vehicle

User-to-Cloud

Vehicle-to-cloud

Vehicle-to-X



IoT Reference Architecture

