IMPLEMENTING EXISTING ISO STANDARDS CAN CREATE SAFE, SECURE, DIRECT AND STANDARDIZED ACCESS TO VEHICLE DATA



Vehicle owners create an account and register their vehicles.



REGISTRATION



Service providers also create an account, and register their diagnostic tools that are used to access vehicle data.

SET-UP

Is this your vehicle?

YES



Is this your electronic device?



YES

The certificate authority issues electronic certificates to the vehicle and the owner now has authority to manage access to their vehicle data.

The certificate authority issues electronic certificates to the devices to access the vehicle's data for service and repair, at the discretion of the vehicle owner.



AUTHENTICATION



AUTHORIZATION



This is a trusted user using a trusted device requesting access to your vehicle's data. Is that OK?



Yes, you may have access for 24 hours. This limits access to only devices within proximity of my vehicle or for remote access to data.



SAFE ACCESS



Diagnostics are now running as a secure service. I will be logging data showing when data was accessed, who accessed it and what data was accessed.







VEHICLE OWNER



MAINTENANCE AND REPAIR SERVICE PROVIDER

