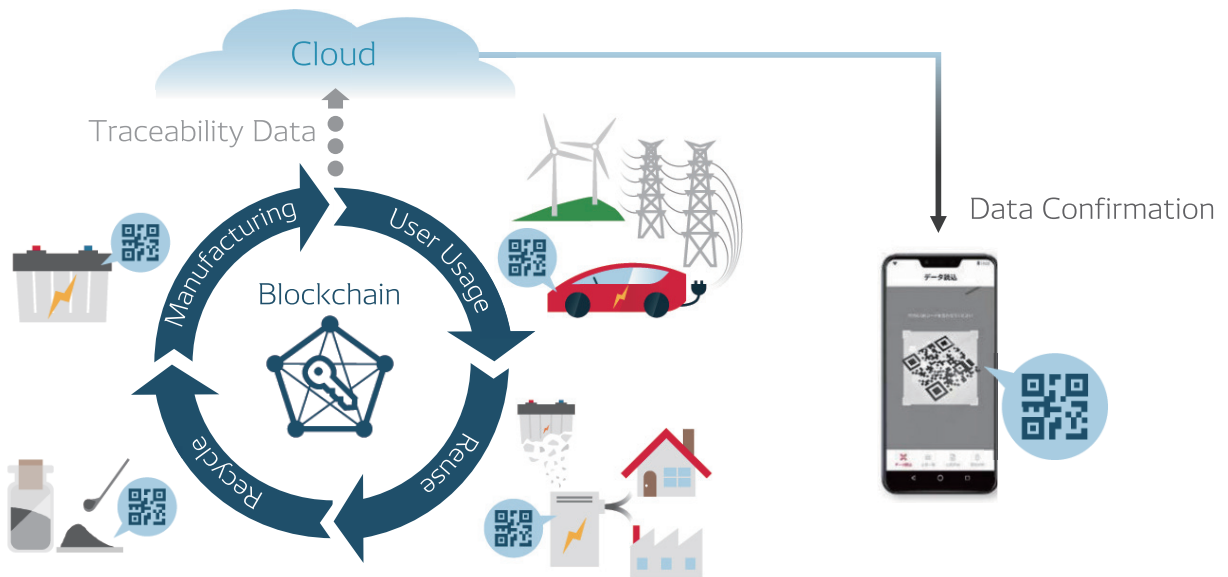


Traceability for Circular Economy

Traceability of batteries for electric vehicles

Overview

- We have developed a new traceability system, which covers the entire battery lifecycle, from manufacturing to recycling.



Feature

Data Protection with Blockchain Technology

These technologies make it possible to protect data from tampering

Cloud Data	General Blockchain Platform (Ethereum, Hyperledger etc..) These technologies make it possible to detect tampering so any traceability data can be protected
New Vehicle Data	Light Local Blockchain in Vehicle We have developed our own blockchain technology that works in-vehicle. This technology is able to detect tampering even if there is no network access

Connecting Information and Product with New QR Codes

This allows you to connect data and the product in various situations

	Basic QR Code Already widely implemented in traceability systems and the general supply chain.
New 	QR in QR QR in QR code has primary and secondary information in one QR code. It provides our traceability system without any modifications in your existing machine - Example - It can be used when multiple QR codes can NOT be pasted on products.
New 	Transparent QR Code Transparent QR code is invisible to human and visible only with a specific camera. - Example - It can be used without impairing the design of the product

※ QR Code is a registered trademark of DENSO WAVE INCORPORATED
※ Transparent QR code was jointly developed with Yamamoto Chemical Co.