



# CIRCULAR ECONOMY ENGINEERING CASE STUDY SECURE DESTRUCTION

*Managing a secure product destruction project for a small mobile phone OEM*

# Secure Destruction

Managing a secure product destruction project for a small mobile phone OEM

## Background and Challenge

The customer wanted approximately 7,500 prototype mobile phones securely recycled. The phones were located at two of its offices – one on each coast of the United States. The entire project had to be completed while protecting the secrecy of the phones' design and the security of the data they contained. To accomplish this goal, they requested that H2 Compliance design a solution that could be easily scalable and flexible.

## Customer Profile

Multi-national original equipment manufacturer (OEM) of smartphones.

## Objectives

- Set up a multi-state program to package, transport, and recycle prototype mobile phones for the OEM.
- Maintain secrecy and security throughout delivery of the project for phone design and data.

## The Solution At a Glance...

### SUPPLY CHAIN DESIGN

Selection/Activation of an EoL supply chain (logistics and treatment of electronic products).  
Traceability of downstream network for materials of concern up to final disposition.

### SUPPLY CHAIN QUALIFICATION

Ability to securely complete project on opposite ends of the US at certified recycling facilities.

### TAKE-BACK OPERATIONS

Implementation of the logistics and treatment operations (packaging, transportation, storage, consolidation, recycling, and reporting).  
Transportation vehicles GPS-tracked, serial numbers captured, and destruction of phones photographed and videoed.

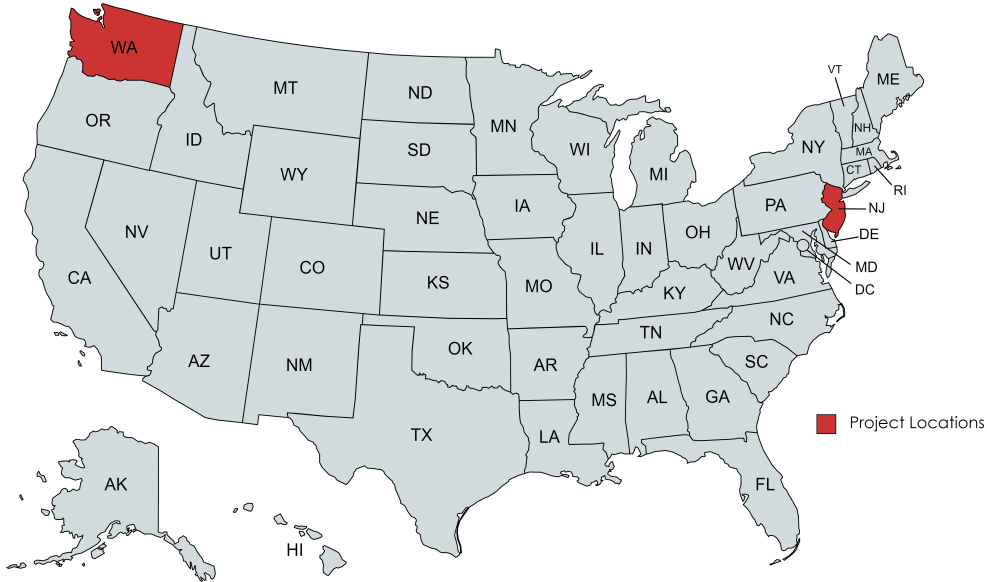
### REPORTING

Certificate of recycling, serial number report, and photos/videos provided to customer after completion of project.

*For more information about the product please access our product sheet available at:*  
[E-waste Takeback](#)

# Secure Destruction

Managing a secure product destruction project for a small mobile phone OEM



Created with mapchart.net

## Key Facts/Results

01

More than 15 years of knowledge and expertise in e-waste take-back with a multi-county network of +300 recyclers

02

Single recycler with locations near both OEM offices contracted and pickup scheduled within one week

03

Entire project completed while maintaining security and secrecy of prototype phones

04

Project can be easily modified and scaled to fit similar needs of other customers