

Capability Statement

CableID is a Southern African company making copper cable and critical infrastructure theft prosecutable. We give high-value assets a permanent, patented identity and record them in a secure, tamper-evident ownership register — so stolen cable and equipment can be traced back to their owner, and theft can finally be prosecuted.

To become Southern Africa's leading force against copper cable and critical infrastructure theft.

THE PROBLEM

R5–7bn

estimated annual cost of cable theft to the South African economy (SA Chamber of Commerce)

R46.5bn

total annual cost of copper cable theft estimated by the Economic Sabotage of Critical Infrastructure Forum (2022)

~39×

the damage to the economy compared with the scrap value of the stolen copper

Cable theft is a low-risk crime because recovered metal is anonymous. Once it is cut, stripped or melted, nothing connects it to the network it came from, so ownership cannot be proved and a charge rarely sticks.

WHAT WE DO

- 1. Mark** Microscopic microdots, each carrying one unique code, are applied until the cable is saturated. They survive cutting, stripping, granulation, melting and fire — on copper and aluminium alike, insulated or bare, overhead or underground, installed or in storage.
- 2. Register** The code is recorded against its owner in a secure, tamper-evident, blockchain-secured ownership register.
- 3. Verify** Anyone who recovers marked cable can confirm ownership at cable-id.com in seconds, at any hour, with nothing more than a smartphone and a pocket microscope.
- 4. Prosecute** The owner's nominated contacts are notified immediately, and the recovered cable becomes evidence in a prosecutable case.

CREDENTIALS

Patented. South African Patent No. 2016/03726 (CableID or its licensors), with further jurisdictions registered or in progress.

Standards-aligned. SANS 1741:2018, the South African national standard for unique conductor and cable marking systems.

Independently tested. A third-party laboratory confirmed no measurable effect on a cable's electrical performance. Test reports available on request.

Proven marking technology. Microdot identification has been mandatory on every new vehicle in South Africa since 2012, and law-enforcement agencies already know it.

SECTORS SERVED

Electricity distribution and utilities · Solar farms and renewable energy · Rail and transport · Telecommunications · Water and sanitation · Mining · Private and industrial infrastructure

PRIVATE BY DESIGN

The register does not publish ownership. Owner and contact details are never shown to a searcher and never made public; an enquiry reaches only the contacts the owner has nominated.