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WE MAKE
INNOVATION
HAPPEN

Prysmian
Group

Pry-ID
The cable fingerprint

Pry-ID is the fingerprint for your cable. It does not need a power supply and it lasts for the whole lifetime of the cable, following it in even the harshest environments.

With the cable fingerprint that is stored in an RFID chip, Pry-ID gives access to a cloud-based software and a powerful set of features that bring the cable information to all stakeholders in an instant.

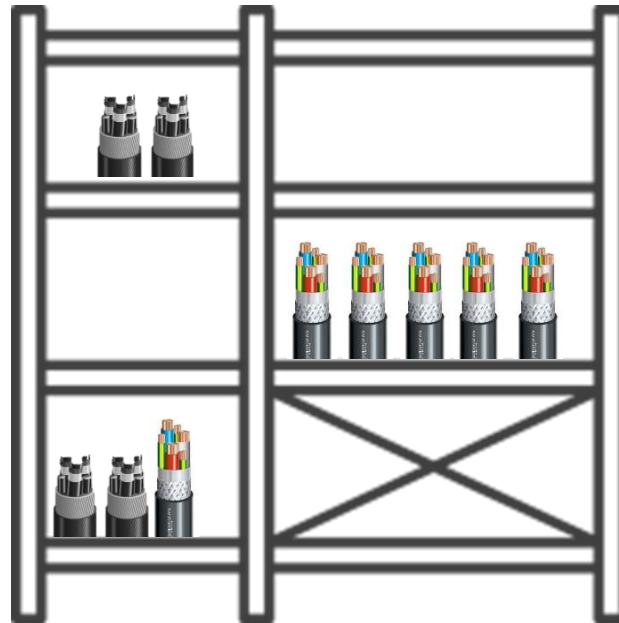# Pry-ID
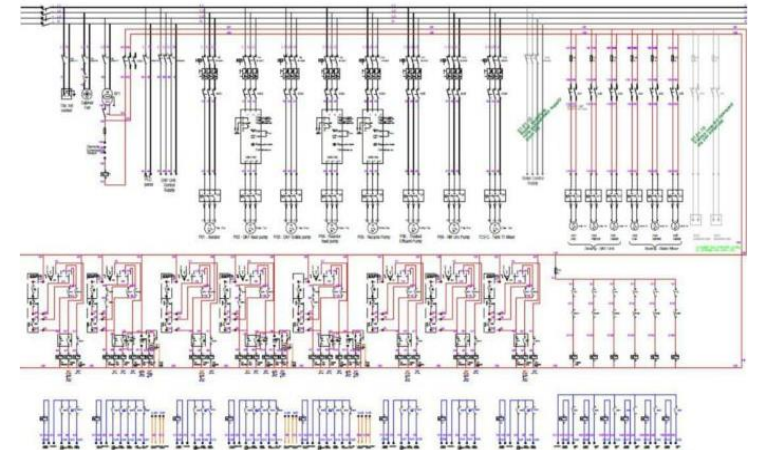## Why a fingerprint for cables?

Pry-ID
This is where Pry-ID works
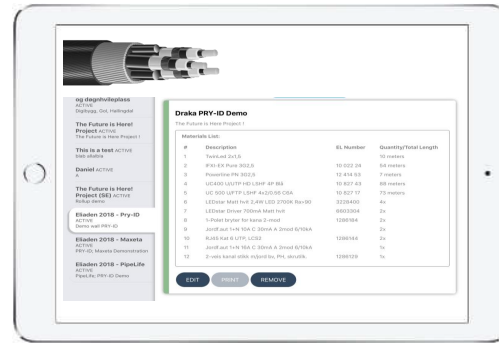

CABLE IDENTIFICATION

INVENTORY AND MATERIALS

DOCUMENTATION AND SCHEMATICS
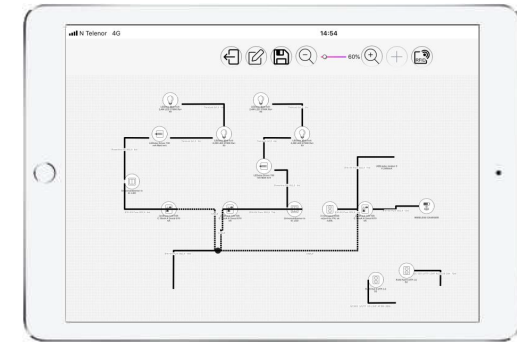
Pry-ID
What is smart

SMART MARKING

Have cable marking that doesn't fade, ensuring quick and certain cable identification for safe working

DOCUMENTATION

Keep track of all the materials that were actually used and access project information through an intuitive platform

BLUEPRINTING

Get a schematic of all your installed cables and electrical components and keep it up to date as the installation evolves through repairs and upgrades

Pry-ID
The smart cable

SMART MARKING

SAFE AND QUICK APPROACH

Find and identify the faulty cable quickly without having to worry about cutting the wrong cable.

COMPONENT INFORMATION

Get all the relevant data about the component at a glance.

INVENTORY MANAGEMENT

Use the RFID tags to automate your inventory processes and save time.

Pry-ID
The smart cable

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DOCUMENTATION

MATERIAL USAGE

Keep track of the current inventory and the actual usage of cables and components.

VERIFICATION AND TRACKING

Automatically generate records for the of inspection and maintenance history for each component.

CLOUD PORTAL ACCESS

Access all the information about your installations through the online portal.

Pry-ID
The smart cable

BLUEPRINTING
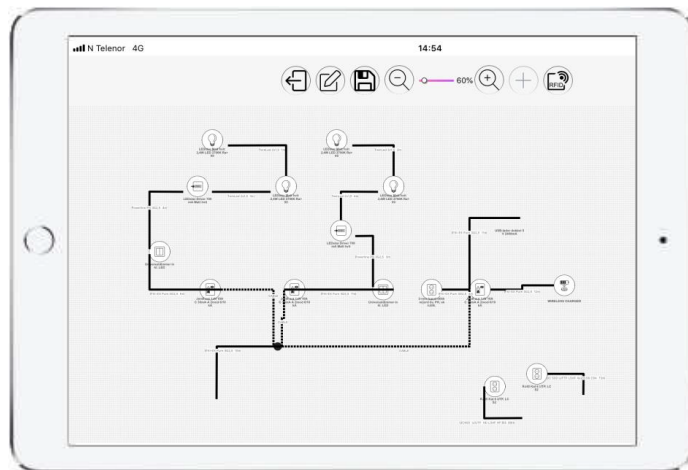
T&I CABLES BLUEPRINTS

Automatically record network topology and the exact position of the cables to generate blueprints.

GEOGRAPHICAL MAPPING

Automatically generate geographic network maps by scanning the RFID tags on cables during installation.

UPDATE ON THE GO

Make adjustments to the blueprint just as the changes are made in the field

Pry-ID
How does it work?

1

CABLE WITH FINGERPRINTS
Get the PRY-ID version of the cable you need. This cable comes equipped with RFID "fingerprints" and the information about the cable is accessible through a web platform.

2

CLOUD PLATFORM
Access the cable and project information on any device through the intuitive online platform. The basic mobile app is included with the subscription, enabling component identification and access to specifications.

3

PREMIUM MOBILE APP
Install the cable using the mobile app and the bluetooth-compatible RFID scanner to immediately create blueprints and leave notes about the installation. Information about the cable can be accessed by scanning the cable fingerprints.

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Pry-ID
Pricing

1

CABLE WITH FINGERPRINTS
Additional fee on top of the regular price of the cable based on the purchased length (per meter)

2

CLOUD PLATFORM
Monthly fee based on the amount of data stored on the platform (per RFID tag/line item)

3

PREMIUM MOBILE APP
User-based fee for access to the premium app

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Pry-ID
How does it work?

CABLE WITH FINGERPRINTS

- The PRY-ID cable has an RFID tag on each meter, giving the cable its fingerprint
- Data can be accessed from the cloud based on the cable fingerprint
- The app can be used to automatically update the information

Pry-ID
How does it work?

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CLOUD PLATFORM
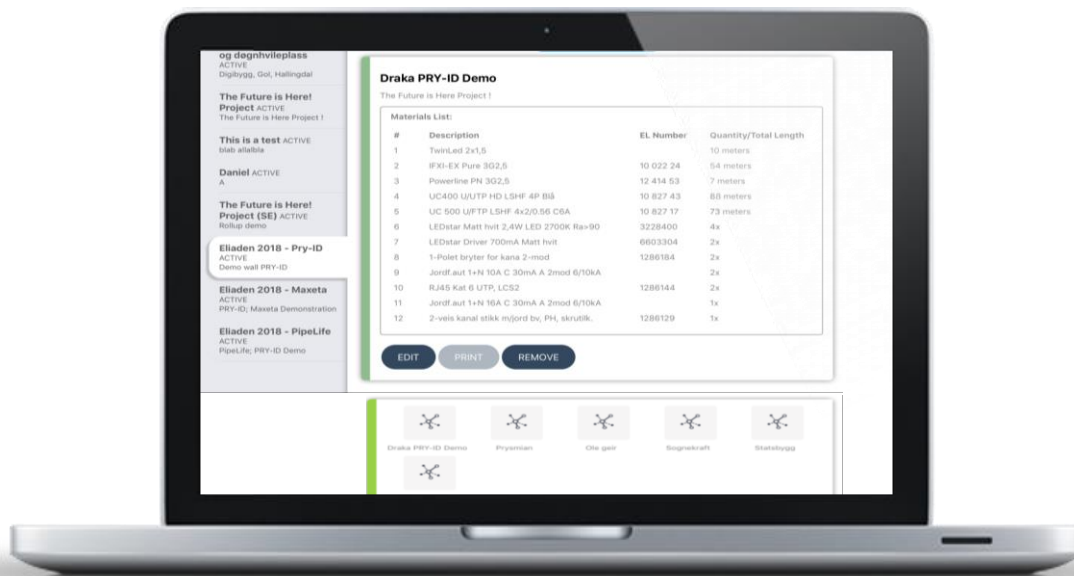
- Store and categorize all your electrical component documentation and blueprints for all projects
- Share access to the platform as needed for efficient collaboration
- Intuitive structure to ensure access to relevant modules
- Use the basic mobile app to identify cable and receive cable information in installation and maintenance work

Pry-ID
How does it work?

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PREMIUM MOBILE APP

- Select premium features as required for particular applications
- Automatically generate documentation about used materials and blueprints for completed works
- Always receive the latest information thanks to immediate automatic updating
- Create notes and attachments for job verification

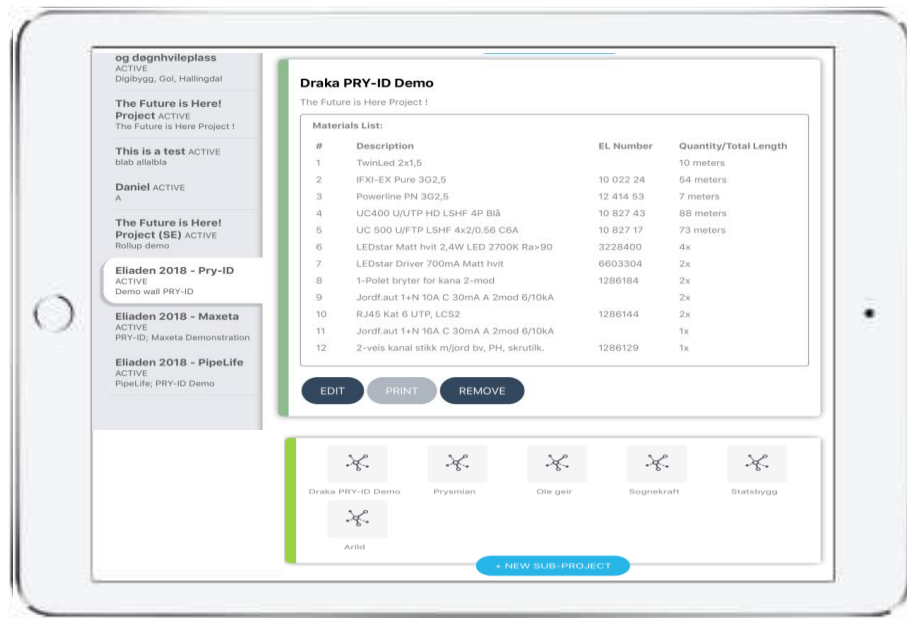# Pry-ID
Premium features

Project Materials

- Full overview of cables and components
- Exact amounts of used cable and components, documented automatically

Pry-ID
Premium features
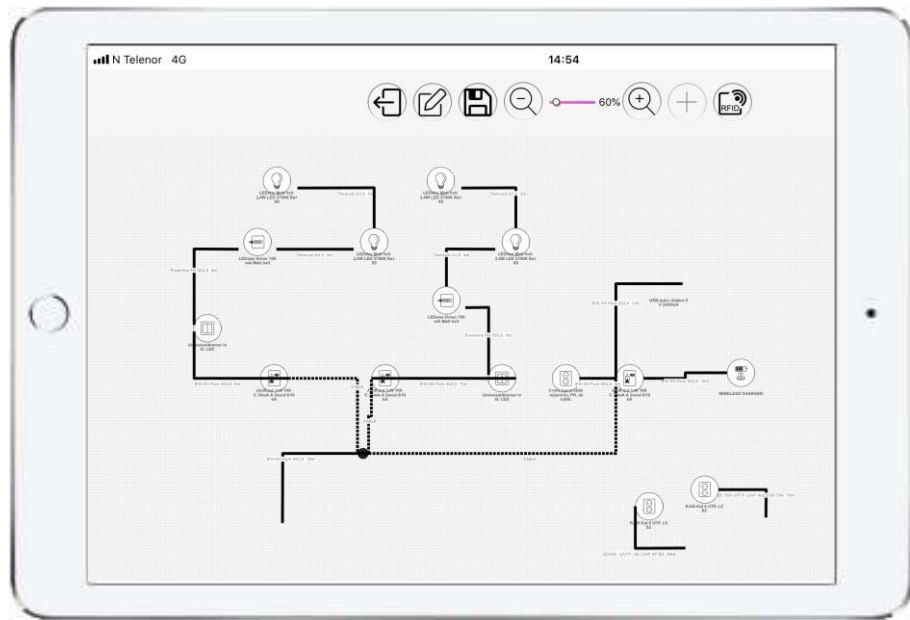
Blueprints

- Generate blueprints by scanning pairs of components
- Update blueprints after each modification (repair, maintenance)
- Ensure that the latest version of the blueprint is up to date

Pry-ID
Premium features
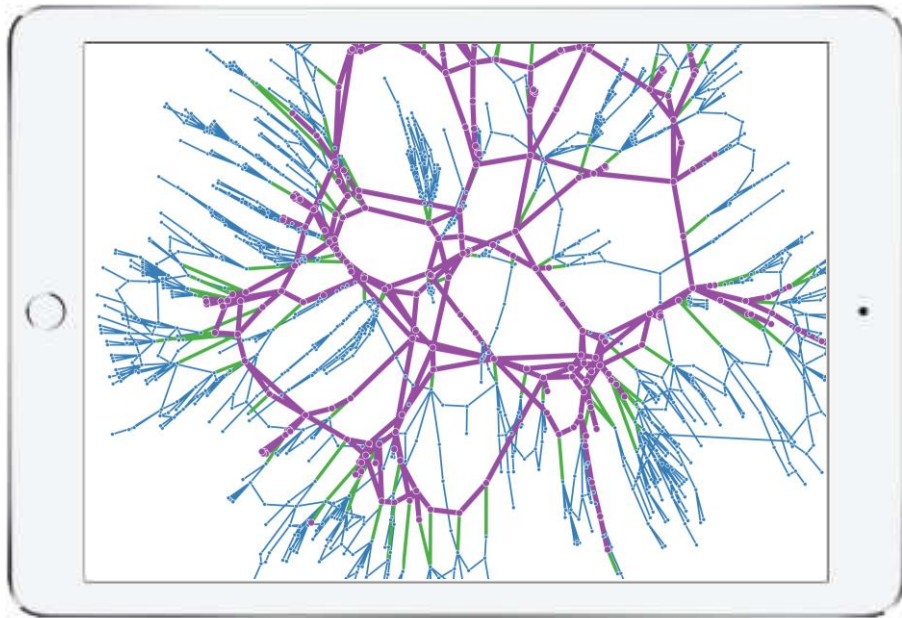
Network Mapping

- Geographical mapping for large networks
- Generated and updated automatically
- GPS location retrieved from the scanning device

Pry-ID
Premium features
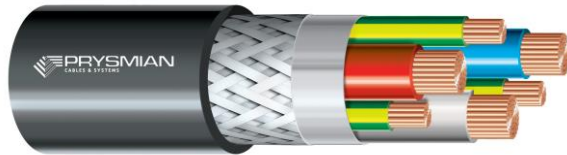
Anti-theft tracking

- Keep a record of every cable's status – in stock, installed or decommissioned
- Access the record through the cable fingerprint
- Identify attempts to return stolen cable to scrap yards

You have a problem…

… Pry-ID has a solution

You have a problem...
... Pry-ID has a solution

How difficult is the identification of cables during works?

How long does it take to find the right cable?

How long does it take to find the cable information?

What is the cost of damaging the wrong cable?

What is the cost of a service interruption?

What is the cost of injury?

Cable Fingerprint

You have a problem...
... Pry-ID has a solution

How difficult is cable inventory management in projects?

How long does it take to keep inventory updated?

How much extra stock do you need to keep?

How much does it cost you in working capital?

Documentation

You have a problem...
... Pry-ID has a solution

How difficult is it to keep track of used materials?

How much more cable is used by contractors compared to what was projected?

What is the cost of untraced cable leftovers?

What is the cost of cable disposal?

What is the environmental impact of the extra leftovers?

Materials tracking

You have a problem...
... Pry-ID has a solution

How difficult is it to create accurate documentation for projects and completed works?

Do you know the exact amount of cable and components used in the installation?

How long does it take to create and update documentation?

What happens if the blueprints are not up to date?

Documentation & Blueprinting

You have a problem...
... Pry-ID has a solution

What if you could trace stolen cable?

What is the total cost of cable being stolen after installation?
What is the cost of the interruption?
What is the cost of re-working the project?

Cable Fingerprint

Back-up slides

Anti-Theft Package – Cable Fingerprint
Scrap metal source verification

Stolen cable is taken to the scrap metal yard

The yard manager scans the cable RFID tags and receives information

If cable is not marked as scrapped or the person is not authorized, report stolen cable

Cable owner

Authorized handlers

Cable status

Installed

To be installed

Decommissioned