ElecTrace

ELECTRICAL COMPLIANCE MADE SIMPLE

Testing portable electrical equipment: simple, traceable and compliant with SNG 482638.

Works offline | Multi-workstation | English · Deutsch · Français

PHILIPPOZ SOLUTIONS

THE SITUATION

Mandatory tests, often still managed by hand

Missed deadlines

Paper binders and scattered spreadsheets: an overdue device goes unnoticed.

Proof hard to find

After an inspection or an incident, you must be able to produce the measurement history.

Tedious data entry

Re-entering the same information at every test wastes valuable time.

THE SOLUTION

One software to track, test and prove

Equipment inventory

All your machines, extension cords and cable reels in one place.

Guided testing

Step-by-step entry with automatic value checks.

History and reports

Every measurement kept, reports ready to print.

Due dates and alerts

You are warned before a test becomes overdue.

Software available in **English**, **German** and **French**

HOME SCREEN

The essentials at a glance: a due-date dashboard

2
Overdue or never tested

6
Due within 7 days

84
Devices in inventory

- ✓ The list of overdue devices is shown with direct access to the test.
- ✓ Measuring instruments due for calibration appear in the same place.

EQUIPMENT DATABASE

Your equipment inventory, centralised

- ✓ Machines, extension cords and cable reels, with their protection class (I or II)
- ✓ Location, exact position, serial number, voltage, current and power
- ✓ Test interval set per device: 6, 12, 24, 36 or 60 months
- ✓ Editable ID number, “built-in RCD” option, instant search and Excel import

DEVICE RECORD (EXAMPLE)

ID no.	PMP-001
Description	Pillar drill
Location	Workshop 1
Category	Machine, class I
Interval	12 months
Where to find it	Workshop 1 - shelf A

NEW TEST

A guided test, from start to finish

1

Choose the device

Type, class and device data loaded automatically

2

Visual inspection

Checkpoints, then result: OK or defect (built-in RCD test included)

3

Electrical measurements

Values to enter depending on device type and class

4

Final result

PASS or FAIL, calculated and saved

- Measurements locked while a visual defect is recorded
- Out-of-limit values flagged in red
- Cannot be saved if the test is incomplete

ELECTRICAL MEASUREMENTS

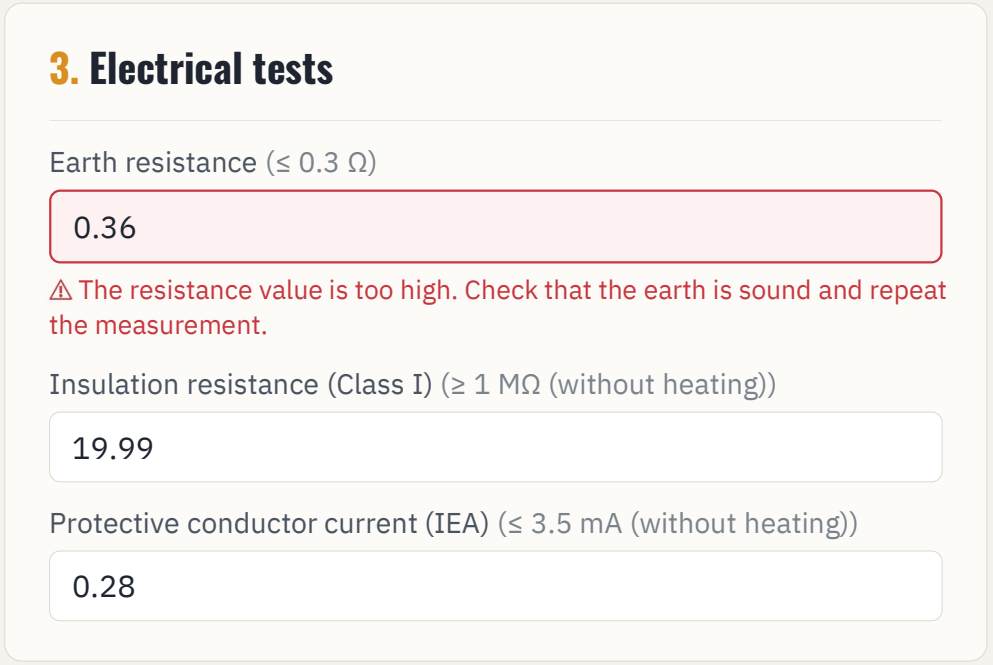
Measurements tailored to each type of device

Device	Tests performed
Machine, class I	Earth · insulation · protective conductor current · touch current (option) · function · built-in RCD test (option) · markings
Machine, class II	Insulation · touch current · function · built-in RCD test (option) · markings
Extension cord	Earth continuity · insulation · polarity (no crossed wires) · built-in RCD test (option) · markings
Cable reel	Same as extension cord

ENTERING MEASUREMENTS

Data entry that adapts to the selected device

1. **You choose the device**
   Its type and class are taken from the device record.
2. **The form changes instantly**
   Only the measurements required by SNG 482638 for this type and class are shown.
3. **Every value is checked**
   It is compared with the limit of the standard as soon as it is entered; an exceedance is shown in red.
4. **The result is calculated**
   PASS or FAIL, with no manual interpretation.



MEASURING INSTRUMENTS

Your instruments are tracked too

- ✓ Register: manufacturer, type and serial number of each instrument
- ✓ Calibration interval and next due date calculated automatically
- ✓ Calibration history, with the PDF certificate attached
- ✓ The instrument used is recorded on every test

WHY IT MATTERS

A test is only valid if the instrument used was calibrated. ElecTrace keeps the proof.

MEASUREMENT HISTORY

A complete history and print-ready reports

- ✓ Test date, “entered on” and due date kept separate; late entry flagged
- ✓ Search across all columns: location, type, class, tester, result…
- ✓ Select tests, then print or export to PDF
- ✓ Excel export of the history for your analyses

REPORT PREVIEW (EXAMPLE)

Equipment test report — [Your company]

According to SNG 482638

Device no.	Result
PMP-001	PASS
RAL-014	PASS
PMP-007	FAIL

ALERTS

A notification before it is too late

- ✓ Silent check when Windows starts, once a day
- ✓ Notification when devices or instruments are coming due
- ✓ Without opening ElecTrace; can be switched on or off in the settings

ElecTrace — Due dates to watch

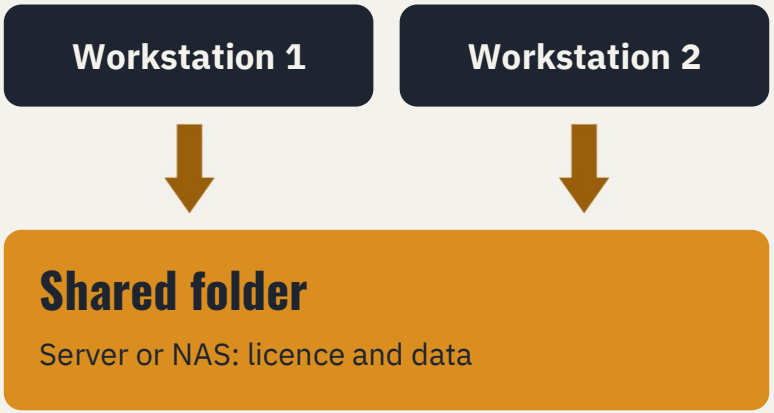
2 device(s) overdue

3 device(s) due within 7 days

Example notification

SEVERAL WORKSTATIONS

Several workstations, one equipment inventory



No accidental overwriting

If another workstation has changed the data, ElecTrace warns you instead of erasing its changes.

Protected files

A damaged file is detected and never overwritten without warning you.

Your data stays with you

On your server or NAS: no cloud, no Internet connection required.

SERVICE COMPANIES

One software for all your clients



One inventory and history per client

The client is chosen on the home screen, and an overview shows the due dates of all your clients.

Reports in the client's name

PDF reports and Excel exports with the name, address and contact of the tested client.

A single licence

It covers the total devices of all your clients; your measuring instruments stay shared.

FOLDER SETUP

Three ways to organise your folders

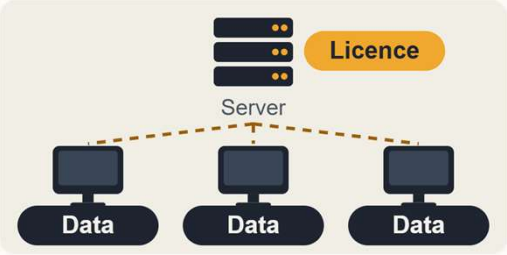
1 All local



Software, licence and data on the same computer. No network needed.

Ideal for: One tester, one workstation.

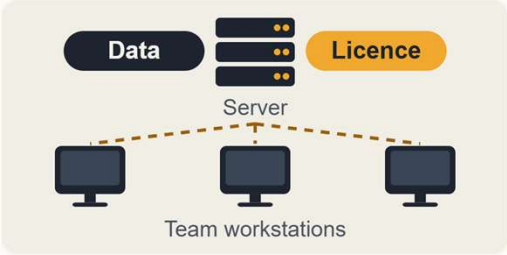
2 Licence on the server



One shared licence in a server folder. Each workstation keeps its own data.

Ideal for: Several testers, each with their own devices or sites.

3 Everything on the server



Licence and data in shared folders. All workstations access the same database.

Ideal for: A team managing the same inventory, with central backup.

BACKUPS AND EXPORTS

Your data, always at hand

Automatic backup

Each time the software closes, a full copy is saved in “Data Backup”.

Backup and restore

Full export and import (JSON): moving to a new workstation or a safety copy.

Excel export

The device list and test history, ready for your spreadsheet.

Bulk import

A pre-formatted Excel template to take over your existing inventory without re-entering it.

GETTING STARTED

Up and running in four steps

1. **Install ElecTrace**
   A standard Windows installer on each workstation concerned.

2. **Choose the two shared folders**
   Licence folder and data folder: done only once per workstation.

3. **Activate the licence**
   Paste the key you received: it is valid for all the company’s workstations.

4. **Import the inventory, then test**
   Take over your inventory from Excel, then run the first test.

Interface in English, German and French

Works offline

LICENCE

A licence matched to the size of your inventory

Per company

One key for all workstations sharing the same licence folder.

By device tier

From 10 to 600 devices, custom beyond that. To upgrade, simply paste a new key.

Choice of duration

1, 2 or 5 years, a fixed date, or no expiry.

Digitally signed licence key tied to your company: it does not work for any other customer.

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NEXT STEP

Let’s see ElecTrace with your equipment

Live demonstration, import of your existing inventory and a licence tailored to your needs.

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