



excellence in safety

tec.dloto – Digital Lockout/Tagout

Ensure compliance

Go paperless



tec.nicum
Schmersal Group



What is tec.dloto?

tec.dloto is a powerful web and mobile-based Lockout/Tagout (LOTO) management platform that digitises and simplifies the entire energy isolation process. It helps move from paper-based LOTO procedures to a secure, compliant, and efficient digital system – enhancing worker safety, reducing operational delays, and ensuring audit readiness.

Designed for maintenance teams, safety officers, and plant managers, tec.dloto empowers users with guided workflows, real-time monitoring, and centralised records to improve accountability and compliance across all LOTO activities.



Why tec.dloto ?

tec.dloto is a smart, digital Lockout/Tagout solution designed to replace paper-based processes with guided workflows, real-time visibility, and audit-ready records – ensuring safety, compliance, and efficiency in industrial environments.

- 1 Paper chaos**
Manual tags and logs are often lost, incomplete, or damaged.
- ✓ tec.dloto replaces paper with a digital log system – every action is time-stamped, stored securely, and instantly accessible.

- 2 Missed steps during LOTO**
Lack of supervision and unclear instructions lead to skipped steps.
- ✓ tec.dloto provides guided, step-by-step digital workflows to ensure every critical action is followed without error.

- 3 Outdated procedures & poor communication**
Teams work from old documents and miss key updates.
- ✓ tec.dloto centralises procedures and updates, instantly notifying relevant users of any changes to LOTO instructions.

- 4 Unsafe workarounds**
Inefficient processes lead workers to bypass safety protocols.
- ✓ tec.dloto enforces mandatory digital workflows and approvals, making it difficult to skip steps or bypass compliance.

- 5 Accountability gaps**
It's unclear who initiated, reviewed, or approved the procedure.
- ✓ tec.dloto maintains complete user-based audit trails, clearly assigning responsibility for each action in the LOTO process.

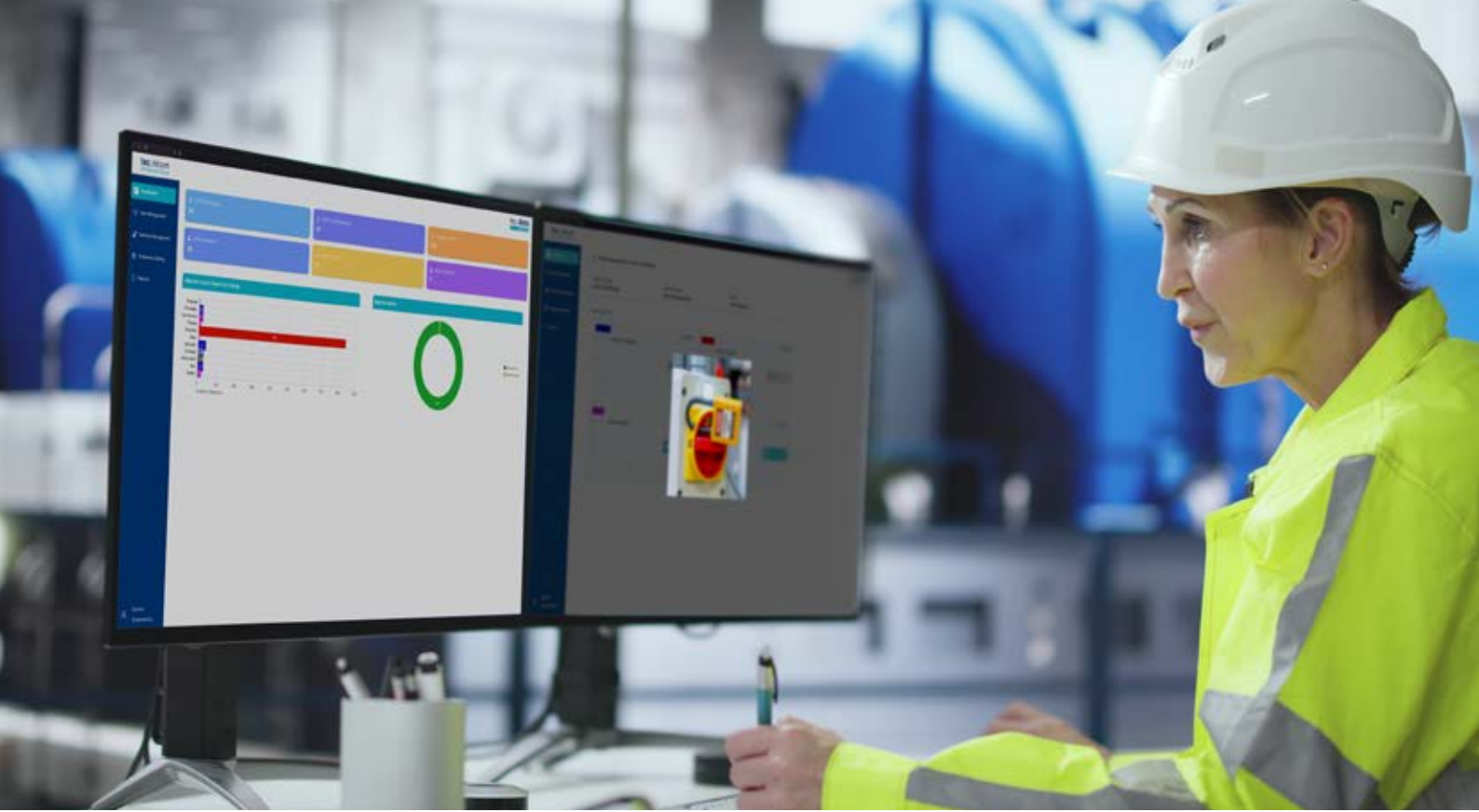
- 6 Integrity risks**
Manual records can be falsified, altered, or backdated.
- ✓ tec.dloto secures all entries with digital integrity checks, locking records post-submission to prevent tampering.

- 7 Lack of verifiable evidence**
Auditors struggle to confirm if procedures were truly followed.
- ✓ tec.dloto captures real-time data, images, and user actions, creating verifiable, audit-ready evidence for every LOTO.

- 8 No real-time oversight**
Supervisors have no visibility into ongoing LOTO activity.
- ✓ tec.dloto enables live tracking and dashboards, giving supervisors full visibility across sites and users.

- 9 Audit pressure**
Scattered records make compliance checks difficult and time-consuming.
- ✓ tec.dloto generates instant, compliant audit reports from centralised data – saving time and reducing audit stress.

- 10 Delays & downtime**
Manual coordination leads to slow approvals and extended downtime.
- ✓ tec.dloto automates approvals and enables mobile access, speeding up LOTO execution and reducing machine idle time.



Powerful features Proven capabilities

tec.dloto is a digital Lockout/Tagout platform built to simplify and standardise energy isolation procedures. It enhances safety visibility, ensures compliance, and adapts to the specific needs of your teams, machines, and plant environments.



Digital workflows & safety control

- Step-by-step LOTO with reference images
- Approval workflows for critical steps
- Photo upload & verification



Visibility & audit readiness

- Audit logs with photo evidence
- Centralised LOTO history
- Multi-level reporting
- Bird's-eye plant map view



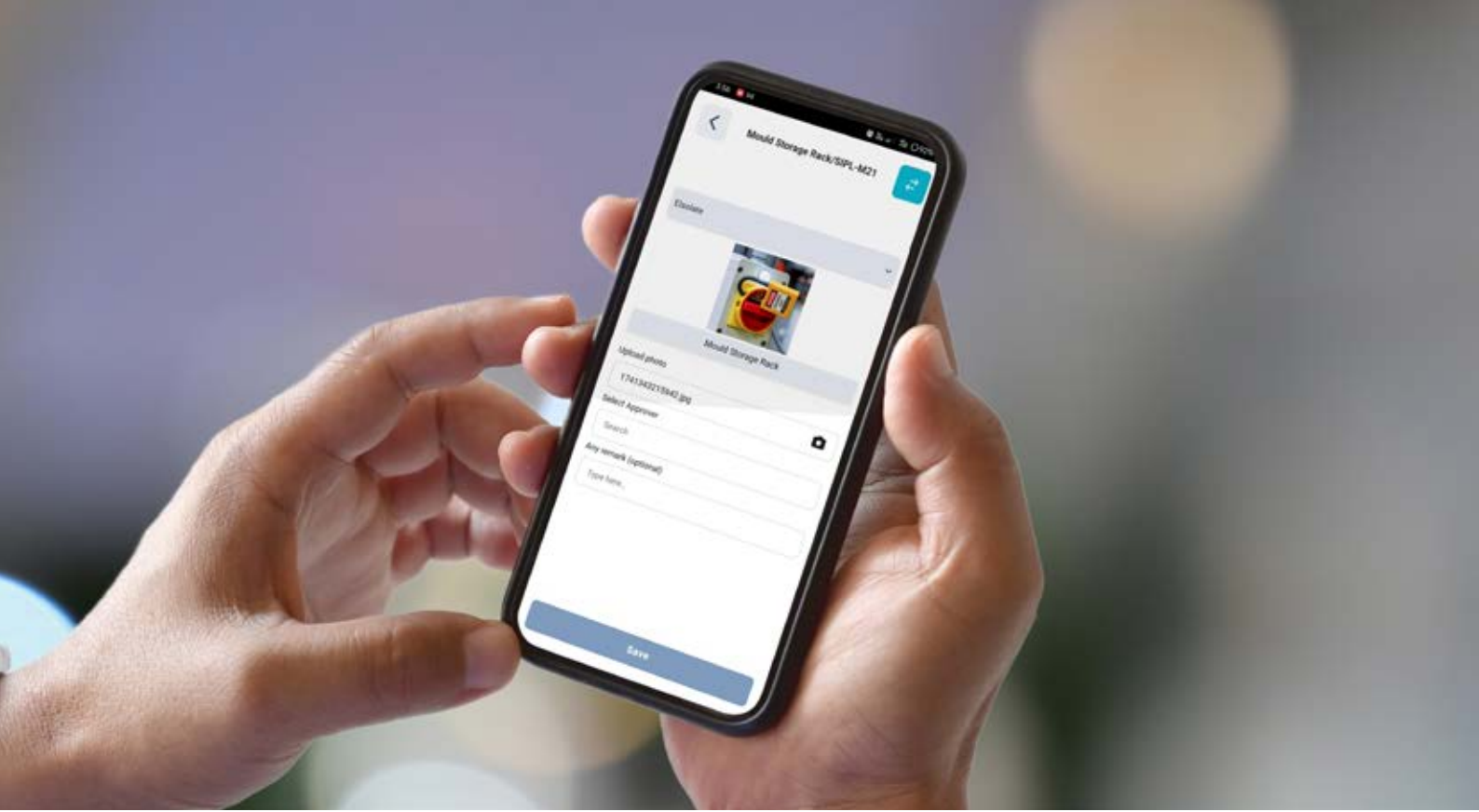
Communication, alerts & engagement

- Smart notifications
- E-mail notifications



Scalability & deployment ease

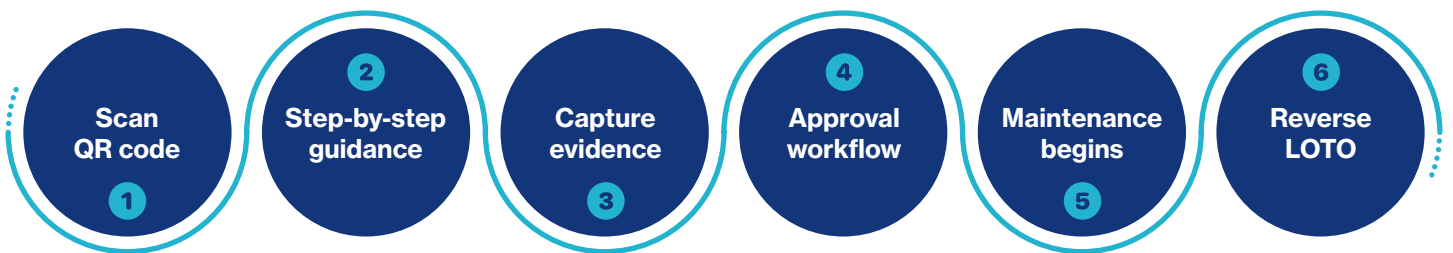
- Web & mobile access
- Deployed in the cloud or on-premise
- Bulk uploads for quick setup



How tec.dloto works

A quick walkthrough

Get a clear view of how tec.dloto streamlines Lockout/Tagout. The following visual illustrates the full user journey – from scanning a machine QR code and initiating the LOTO request, to approvals, execution with photo evidence, and final closure with a secure audit log.



User roles



Requester

Maintenance staff



Approver

Supervisor, EHS or safety Officer



Admin

Safety head

Why teams choose tec.dloto

tec.dloto does not just digitise Lockout / Tagout – it transforms how industrial teams manage safety, improve efficiency, and demonstrate compliance.

Improved safety culture

Enforces consistency and reduces risk with standardised procedures and mandatory checks.

Faster maintenance turnaround

Instant access to instructions and approvals speeds up isolation and reactivation.

Quick setup & flexible adoption

Easily onboard teams with bulk uploads and adaptable workflows.

Reduced training time

Step-by-step visuals make it easy for new users to follow procedures.

Stronger compliance confidence

Auto-logged actions and photo evidence support audit readiness.

Improved collaboration

Keeps all teams aligned through a shared digital workflow.

Minimised paper dependency

Fully digital system replaces manual tags and paper logs.

Faster incident investigation

Visual logs enable quick review of what happened and when.

Future-ready platform

Designed to grow with you – add Permit to Work and other safety modules as needed.





Ready to go digital with Lockout/Tagout?

Have we sparked your interest?
Then get in touch with us and request a demo!



+91 2138 614700



tecdloto@tecnicum.com



Watch our tec.dloto video
for more information:
youtu.be/B2XpMBiq7HE

tec.nicum: global service and engineering hubs

tec.nicum – Solutions & Services GmbH is a subsidiary of Schmersal Group. It offers a wide range of services relating to machine and occupational safety.

tec.nicum comprises a global consultancy network of TÜV Rheinland-certified Functional Safety Engineers and Machinery CE Experts. Services can be called upon around the world.

The range of services at tec.nicum is based on six modules: academy in the training and workshop section, consultancy services in the consulting section, engineering in the designing of safety solutions section, integration section in the field of practical implementation, the development of software solutions and new digital technologies in the digitalisation section and the provision of complete solutions in the outsourcing section.



Your contacts worldwide:
www.tecnicum.com



Europe
Friedrichstraße 65
66459 Kirkel (Germany)
europe@tecnicum.com
+49 6841 77780-0



Asia-Pacific
Plot No G 7/1, Ranjangaon MIDC
Taluka Shirur, Pune (India)
apac@tecnicum.com
+91 2138 614700



North America
8545 Challenger Drive
Indianapolis, IN 46241 (USA)
north-america@tecnicum.com
+1 888 496-5143



Latin America
Av. Brasil, 815 – Jardim Esplanada
CEP 18557-646, Boituva (Brasil)
latam@tecnicum.com
+55 15-32 63-98 00



Worldwide
Mödinghofe 30
42279 Wuppertal (Germany)
global@tecnicum.com
+49 202 6474-932



07.2025 / Part No. 103061217 / EN / Edition 01

tec.nicum
Schmersal Group