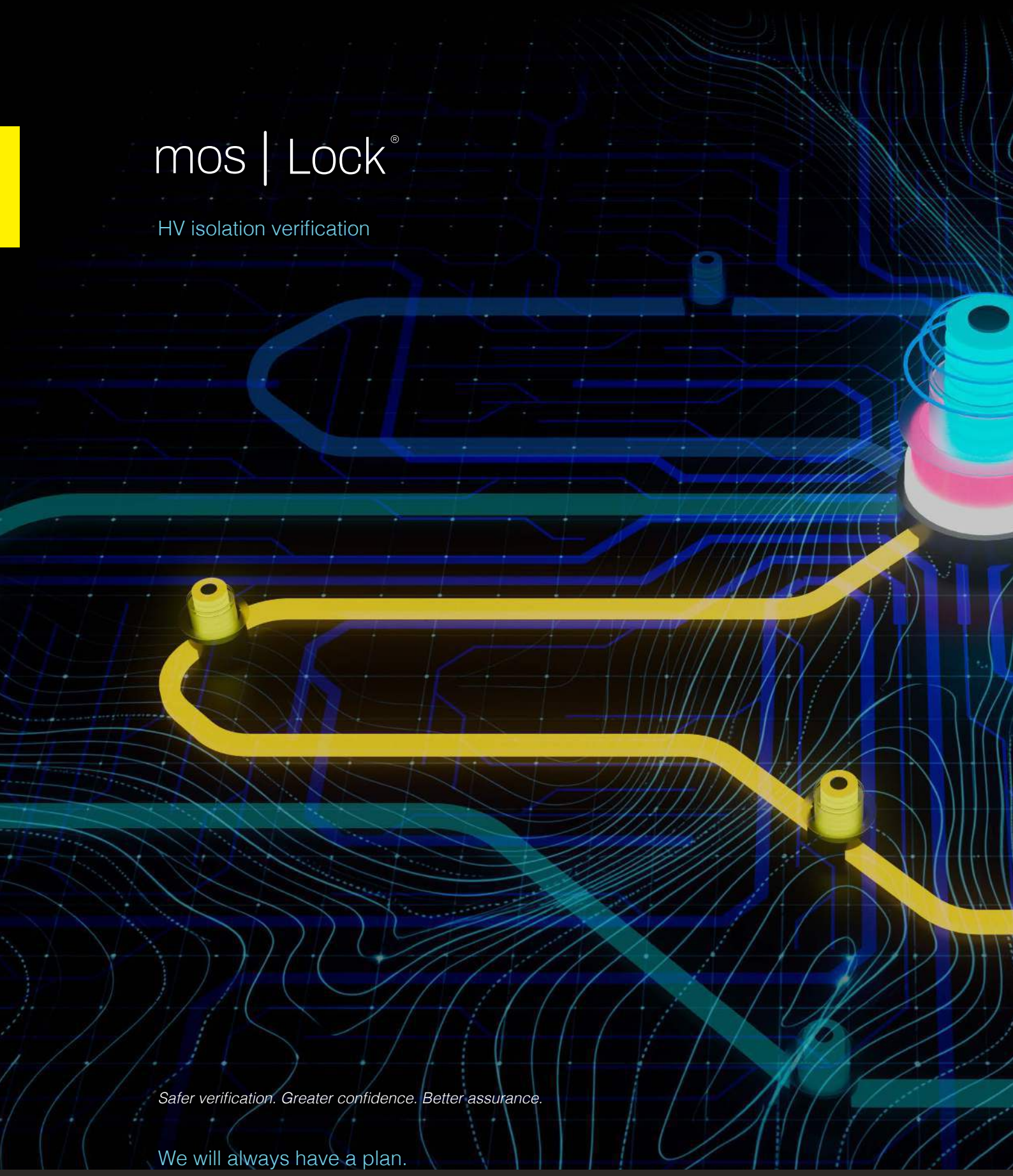
mapped out solutions®

mos | Lock®

HV isolation verification



Safer verification. Greater confidence. Better assurance.

We will always have a plan.

Product status: Coming soon

DRAFT | not yet in production, content subject to change

mos | Lock®

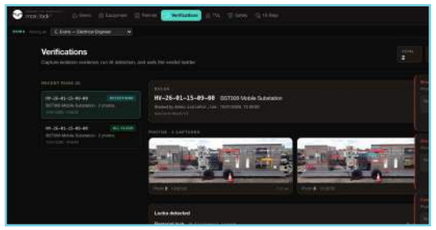
At Mapped Out Solutions, we understand that high-voltage isolation depends on more than following a process. Teams need confidence that what the permit says is safe matches what is actually in front of them. That is why we developed mos | Lock®, combining a structured 12-step isolation process with camera-based verification, digital permits and auditable evidence to strengthen isolation assurance while keeping human verification at every safety-critical step.

What Lock® offers

mos | Lock® brings greater control and accountability to field isolation and lockout-tagout verification. By digitising permits, Ai verification and evidence in one auditable system, it helps teams confirm isolations with confidence and strengthen safety-critical processes.

Here's how it supports your operation:

- Greater isolation confidence
  Compare the declared isolation state with captured field evidence, helping teams verify conditions before work begins.
- Stronger compliance & accountability
  Bring permits, signatures, verification activity and supporting evidence together in one auditable digital workflow.
- More consistent verification processes
  Guide teams through a structured 12-step isolation process, helping reduce variation in safety-critical field checks.
- Clearer verification decisions
  Turn verification evidence into clear ALL CLEAR, REVIEW, DISCREPANCY or STOP verdicts, while retaining human sign-off.



Each isolation is verified with photo evidence on the record

Key features for everyday use

- G12-step isolation workflow
  Digitise the isolation process through a structured workflow designed to strengthen consistency, control and accountability.
- Camera-based verification
  Capture isolation points in the field, with built-in on-device vision capability designed to support verification against expected conditions.*
- Digital permits & lock visibility
  Connect HV access permits, worker sign-on and lock-box reconciliation to identify over-count, under-count or unknown locks.
- Intelligent verdict ladder
  On device Ai provides the data to the intelligent verdict ladder. This translates and verifies the results with any detected indicator fault automatically forcing a STOP and manual verification.
- Offline field capability
  Built to support on-device working and an offline queue for operational environments where connectivity may be limited.*
- Complete audit trail
  Maintain an append-only history of permits, signatures, verification activity and evidence, creating a clear record of every critical step.

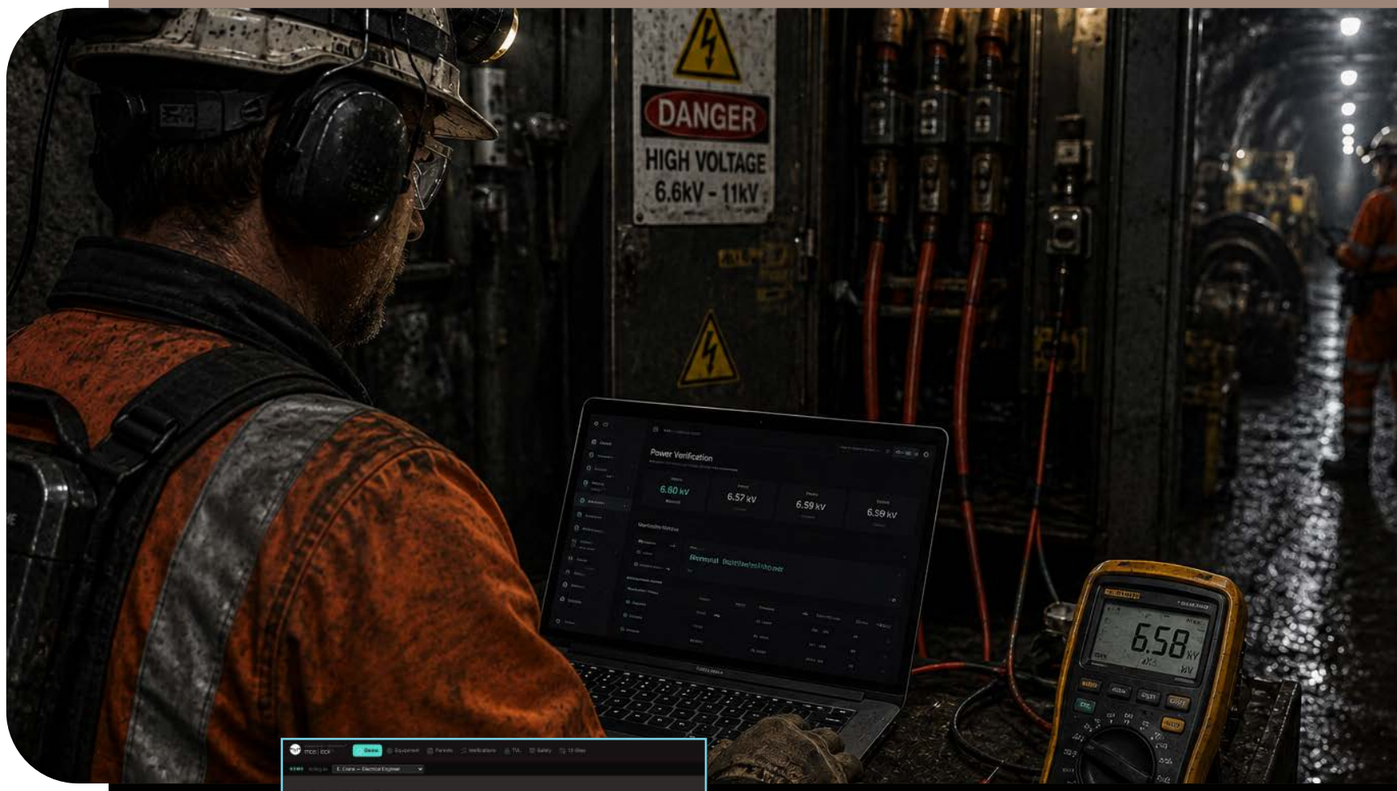
This software is about helping operations strengthen safety assurance and improve confidence in isolation verification, not just replacing paperwork.

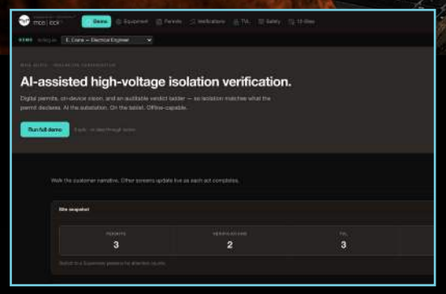
mapped out solutions

Why choose Lock®?

mos | Lock® has been developed to help operations improve safety assurance, strengthen verification confidence and support more consistent high-voltage isolation management.

- Built for high-risk operational environments
  Designed specifically for industries where safety, compliance and operational discipline matter.
- Better confidence in isolation verification
  Help teams verify conditions with greater clarity through structured workflows and improved visibility.
- Improve compliance readiness
  Support stronger accountability with practical evidence capture and clearer operational records.
- Easy to use
  The platform is designed to present verification processes in a practical, easy-to-understand format.
- Support when you need it
  Mapped Out Solutions provides training and ongoing support to help your team confidently adopt and use the platform.

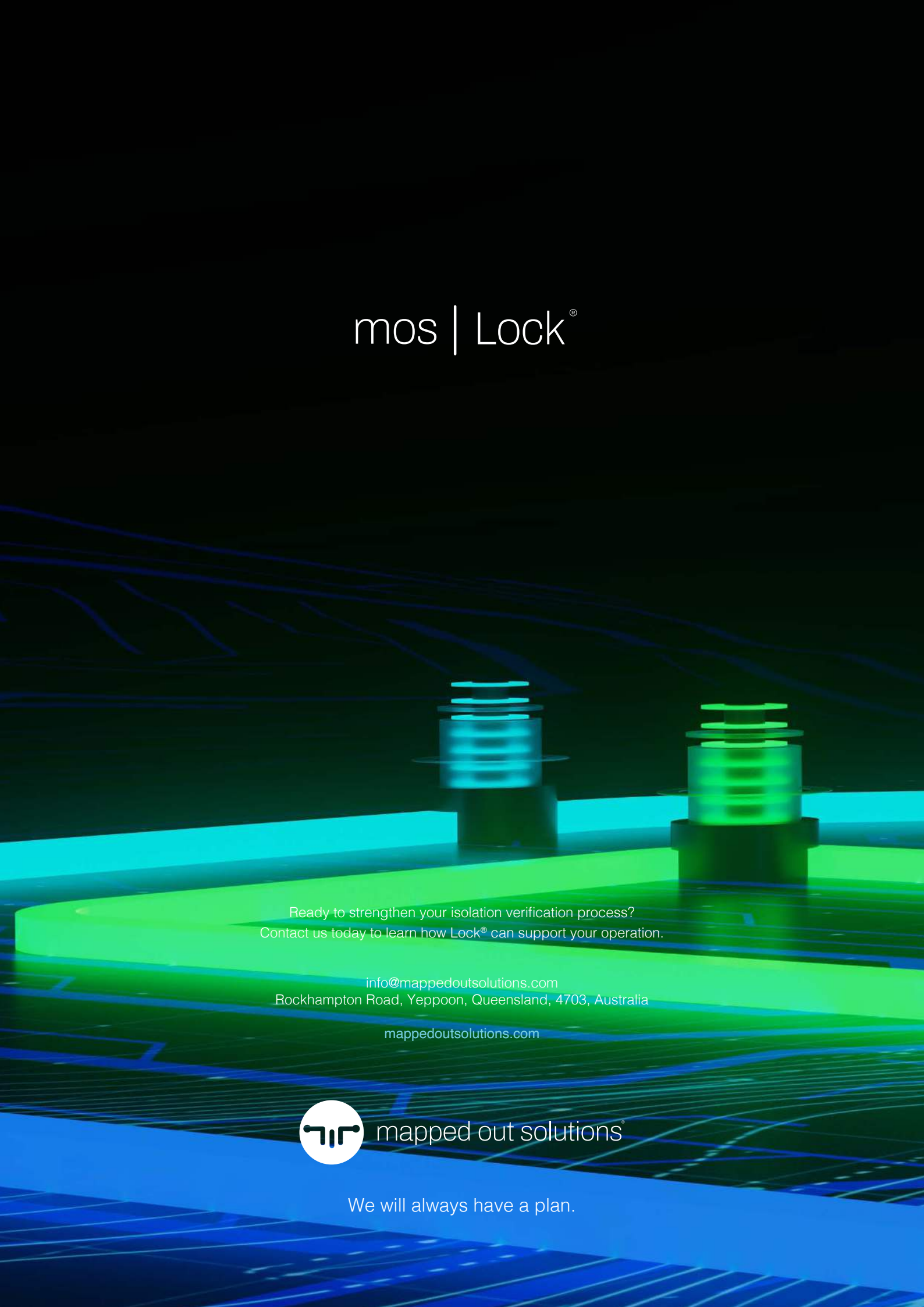




Guided HV isolation: points, verifications and TVL on one page

Planning made simple

With mos | Lock® brings permits, isolation, verification and evidence into one auditable workflow, helping teams confirm what is planned matches what is happening in the field. Clear verdicts and a complete audit trail strengthen isolation assurance while keeping people at the centre of every safety-critical decision.


mos | Lock®
Ready to strengthen your isolation verification process?
Contact us today to learn how Lock® can support your operation.
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We will always have a plan.