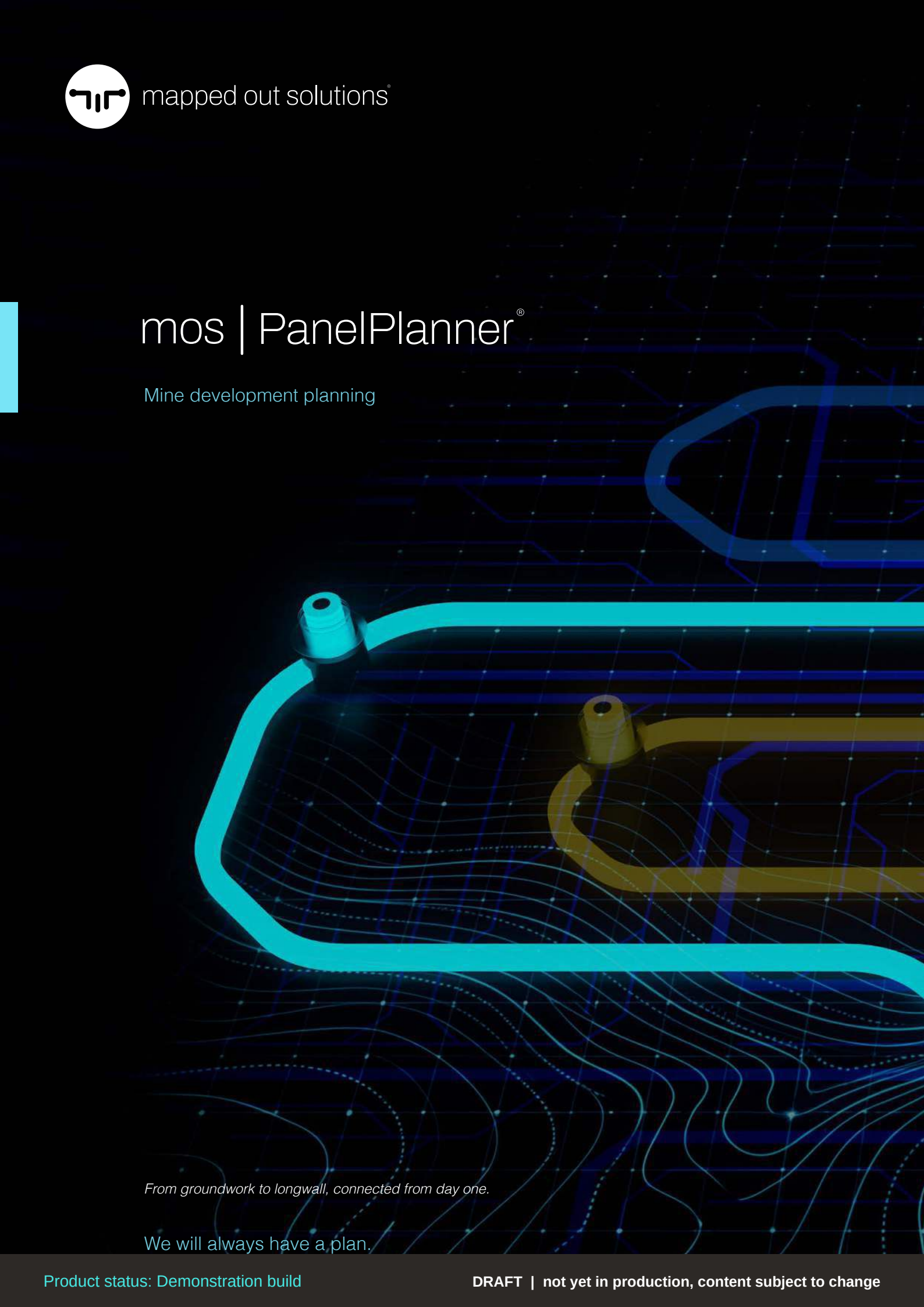
mapped out solutions®

mos | PanelPlanner®

Mine development planning



From groundwork to longwall, connected from day one.

We will always have a plan.

Product status: Demonstration build

DRAFT | not yet in production, content subject to change

mos | PanelPlanner®

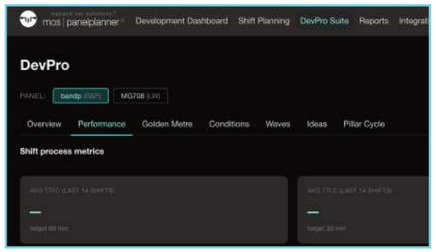
At Mapped Out Solutions, we understand that strong longwall production starts long before the first coal is mined. That is why we developed PanelPlanner® as a software solution designed to help development crews plan, track and manage gateroad development while creating a clearer picture of progress underground.

What PanelPlanner® Offers

PanelPlanner® is built to help operations manage mine development in one connected environment, improving visibility, reducing duplication and supporting a smoother transition into longwall production.

Here's how it supports your operation:

- Live development visibility
  Track metres advanced, conditions and progress through practical dashboards designed to support operational awareness.
- Better planning & coordination
  Help supervisors and crews work from one shared development plan with clearer targets and visibility.
- Connected underground reporting
  Capture development activity digitally as work happens, helping reduce paperwork and improve reporting consistency.
- Seamless longwall handover
  Transfer development data directly into BlockBuilder®, helping reduce duplication and support a smoother transition to production.



DevPro tracks metres, conditions and shift process as you cut

Key features for everyday use

- Digital panel planning
  Create structured panel plans with defined routes, targets and compliance requirements.
- Live progress tracking
  Monitor metres cut, development performance and underground activity in real time.
- Performance dashboards
  Support operational visibility with practical dashboards that help teams better understand progress and productivity.
- Equipment & location visibility
  Maintain clearer awareness of equipment activity and development progress underground.
- Connected compliance tracking
  Support stronger consistency and visibility across operational checks and development requirements.
- BlockBuilder® integration
  Automatically transfer captured development information into BlockBuilder® for a more connected production workflow.

This software is about helping operations create a more connected, visible and efficient mine development process, not just replacing paperwork.

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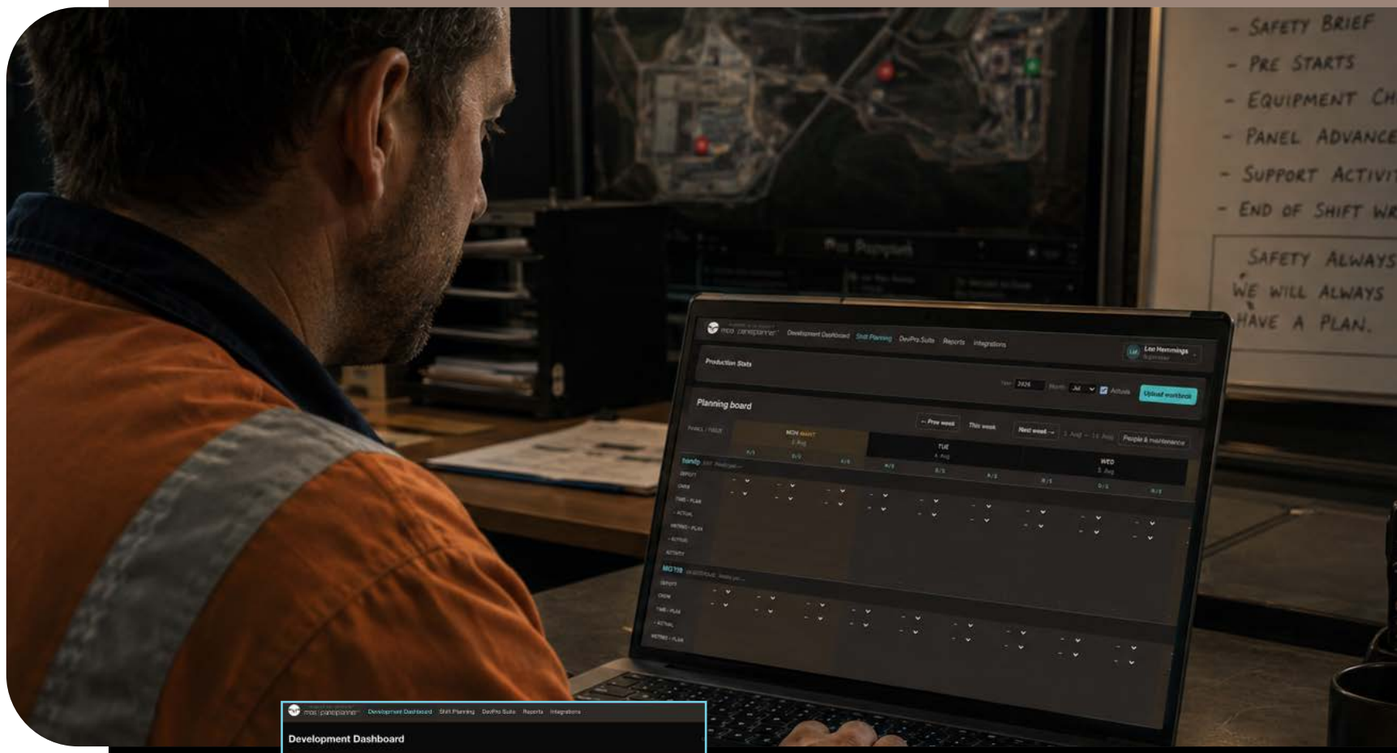
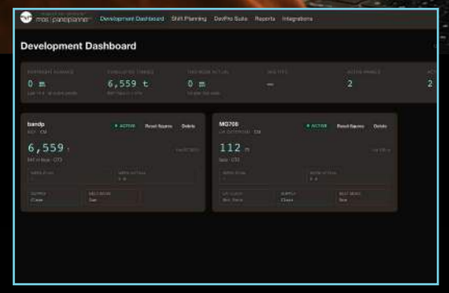
Why Choose PanelPlanner®?

PanelPlanner® has been developed to help mine development teams improve visibility, strengthen coordination and create a smoother pathway into longwall production.

- Built for mine development
  Designed specifically for the realities of underground development and gateroad planning.
- Better visibility across development
  Give supervisors and operational teams clearer insight into progress, performance and underground activity.
- Reduce rework and duplication
  Capture information once and create a connected workflow that supports smoother planning and handover.
- Encourage accountability
  Support stronger ownership and visibility across crews through clearer performance tracking.
- Support when you need it
  Mapped Out Solutions provides training and ongoing support to help your team confidently adopt and use the platform.

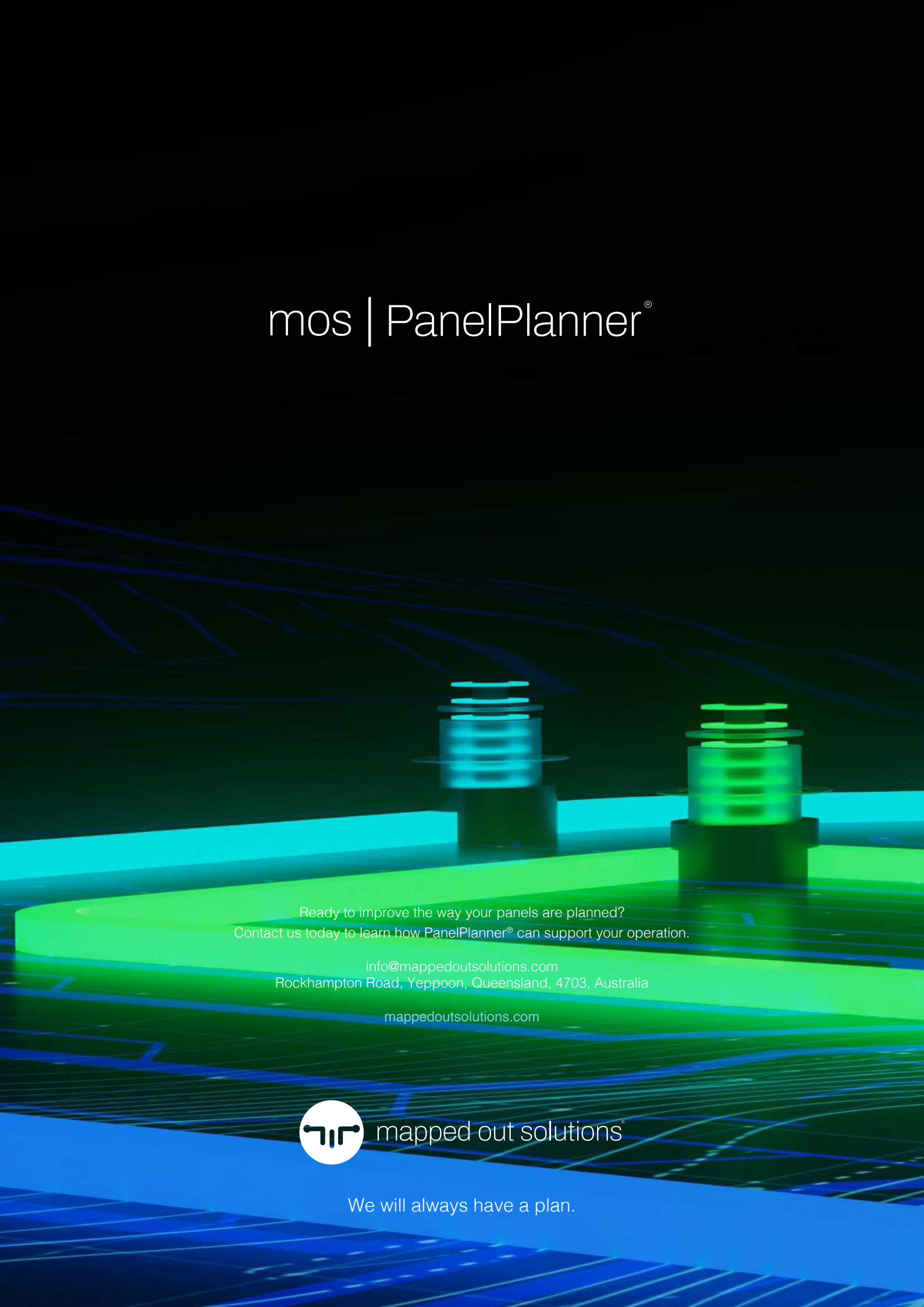




Live development dashboard: tonnes, metres and delays for the panel

Planning made simple

With mos | PanelPlanner®, every development panel is brought into one live picture, helping teams plan, sequence and track every metre from the face through to handover. Crews and managers work from the same view, with clearer progress, stronger coordination and greater control across every shift.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Ready to improve the way your panels are planned?
Contact us today to learn how PanelPlanner® can support your operation.
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mapped out solutions®
We will always have a plan.