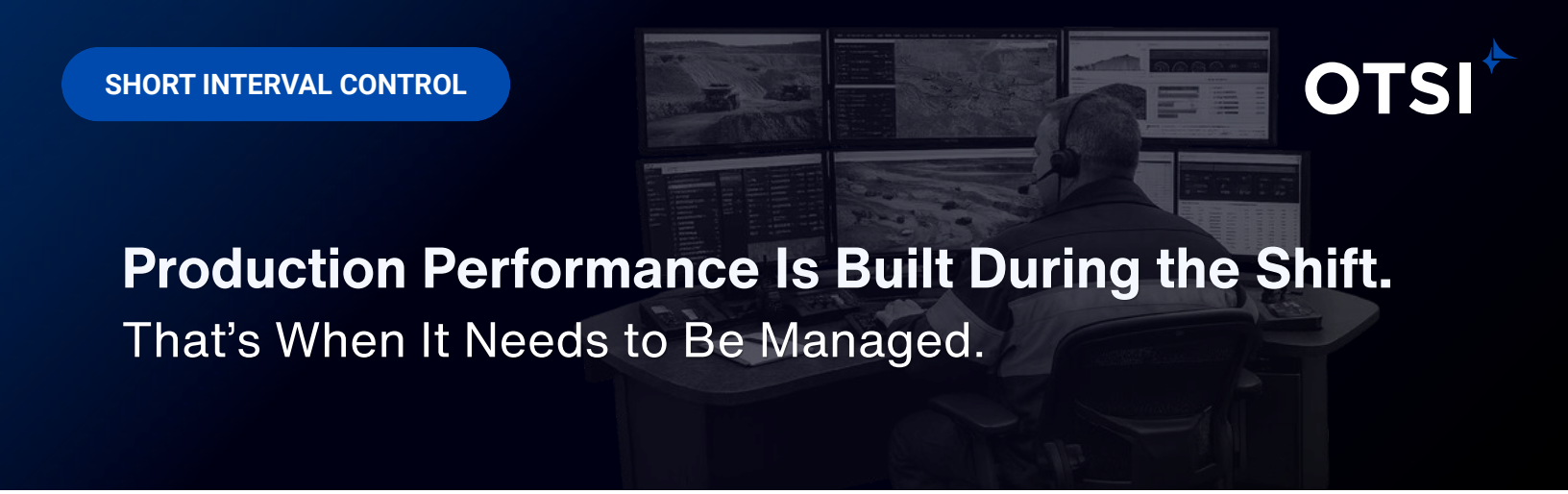
SHORT INTERVAL CONTROL

OTSI



Production Performance Is Built During the Shift.
That's When It Needs to Be Managed.

A Structured Operating Rhythm for In-Shift Performance Control

OTSI Short Interval Control gives dispatchers and supervisors a structured way to manage performance throughout the shift. It brings live FMS data, cycle-by-cycle trends, Loss / Gain analysis, and visual management into **one operating rhythm so teams can identify the drivers behind performance and keep execution focused** on the priorities that matter most.

Why This Matters to Operations Leaders:

Every truck cycle, shovel delay, and production deviation is visible the moment it occurs. The goal is not more data. **It is knowing what deserves attention while there is still time to act.**

SIC turns operating data into a clear set of shift-level priorities. Teams can see where controllable loss is building, understand its production impact and focus attention where course correction can still change the shift result.

How Short Interval Control Protects the Shift

1. **Inspect performance cycle by cycle**
   Track truck, shovel and drill activity throughout the shift. See queues, hang time, payload variance, delays and other operating conditions as they develop.

2. **Quantify the production impact**
   Translate operating performance into tonnes lost or gained. The Loss / Gain view shows which factors are preventing the shift from reaching its production potential.

3. **Focus attention on recoverable loss**
   Use visual management and shift-level measures to identify the operating issues with the greatest production impact and keep the team focused on current priorities.

4. **Correct execution and repeat**
   Structured SIC routines and site-specific playbooks support consistent follow-up and course correction throughout the shift.

SHORT INTERVAL CONTROL

OTSI

Part of the OTSI Performance Management Platform

OTSI-SIC
Real-time dispatcher decision support

Scorecards
Operator, dispatcher & crew performance

FMS Health
Data integrity & system reliability

Notifications
Trigger-based alerts and escalation



What Operational Leaders Gain:

Real-time shift performance overview
Clear attribution of controllable loss
Trend analysis for continuous improvement



What Dispatchers Gain:

Cycle-by-cycle operational visibility
Structured decision support tools
Confidence to act in the moment

Short Interval Control Capabilities

Real-Time Trends & SIC Reports
Monitor truck, shovel and drill activity cycle by cycle so dispatchers and supervisors can see how execution is developing throughout the shift.

Loss / Gain Quantification
Quantify production loss in tonnes and identify the operating factors preventing the shift from reaching its full production potential.

Visual Management
Aggregates operational data into shift-level KPIs that reinforce accountability, ownership, and operational alignment.

Delay & Bottleneck Detection
Surfaces queue build-ups, hang time, payload variance, and operational delays early enough for in-shift intervention.

Structured SIC Routines
Support repeatable operational monitoring, escalation, and response routines through structured shift management practices.

Operational Playbooks
Guide teams through predefined response actions tailored to site-specific operating conditions and recurring production challenges.

Four Solutions.
One Integrated Performance Management Platform.

Purpose-built for mining operations, OTSI combines in-shift decision support, Fleet Management System optimization, structured response management, and performance insights to help teams improve operational control, consistency, and production outcomes.

