7. Safety Systems

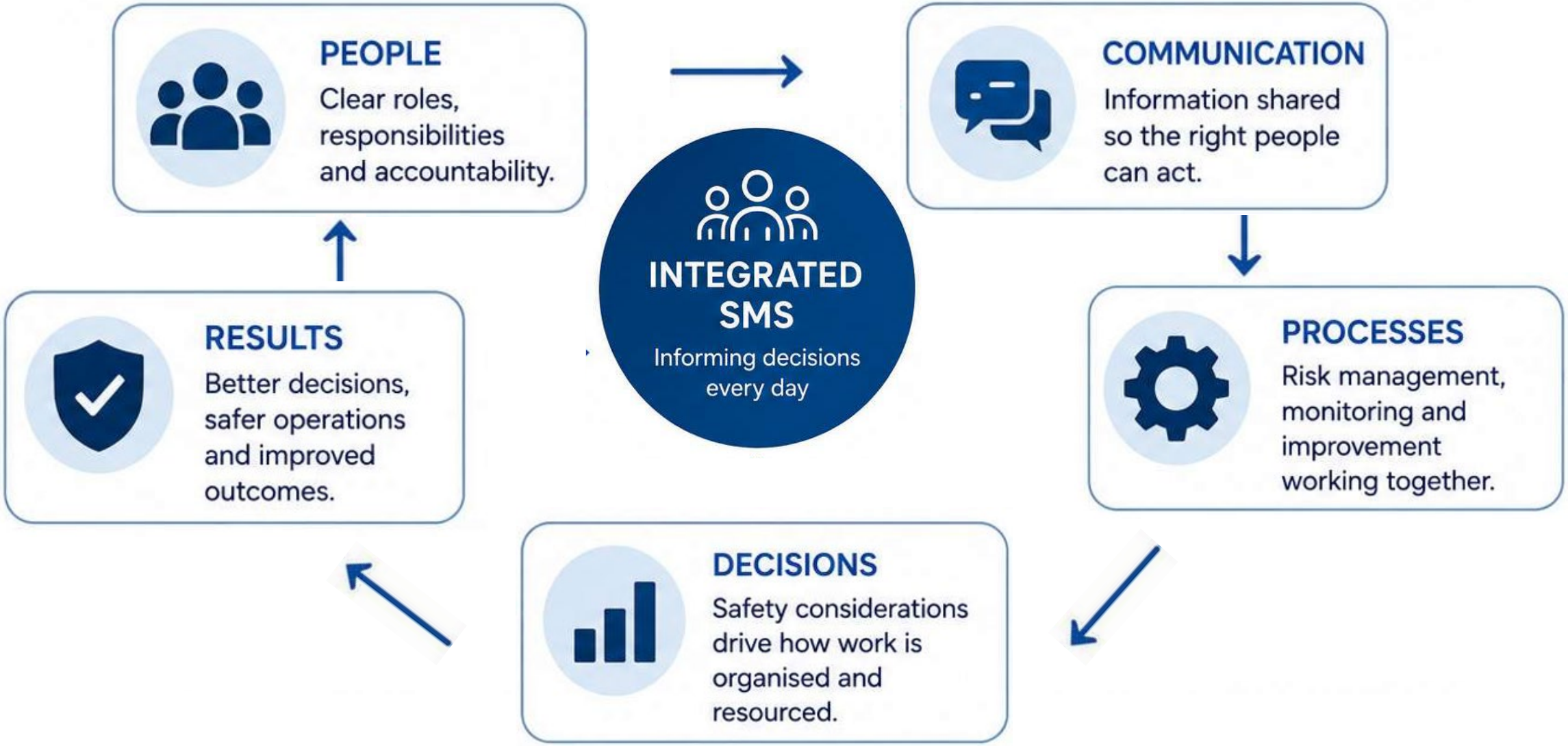
SMS Webinar Series for heavy vehicle operations.

SMS Webinar Series

1. Introduction to SMS – what is it, and what does it mean
2. Leadership & Commitment
3. Risk Management – Hazards, Risks and Controls
4. Risk Management – Ongoing Risk Review Incident Management
5. Assurance, Monitoring & Continuous Improvement
6. People
7. **Safety Systems**
8. Tying it all together with ACAs, MAP and PSOE

SMS Webinar Series

System Integration

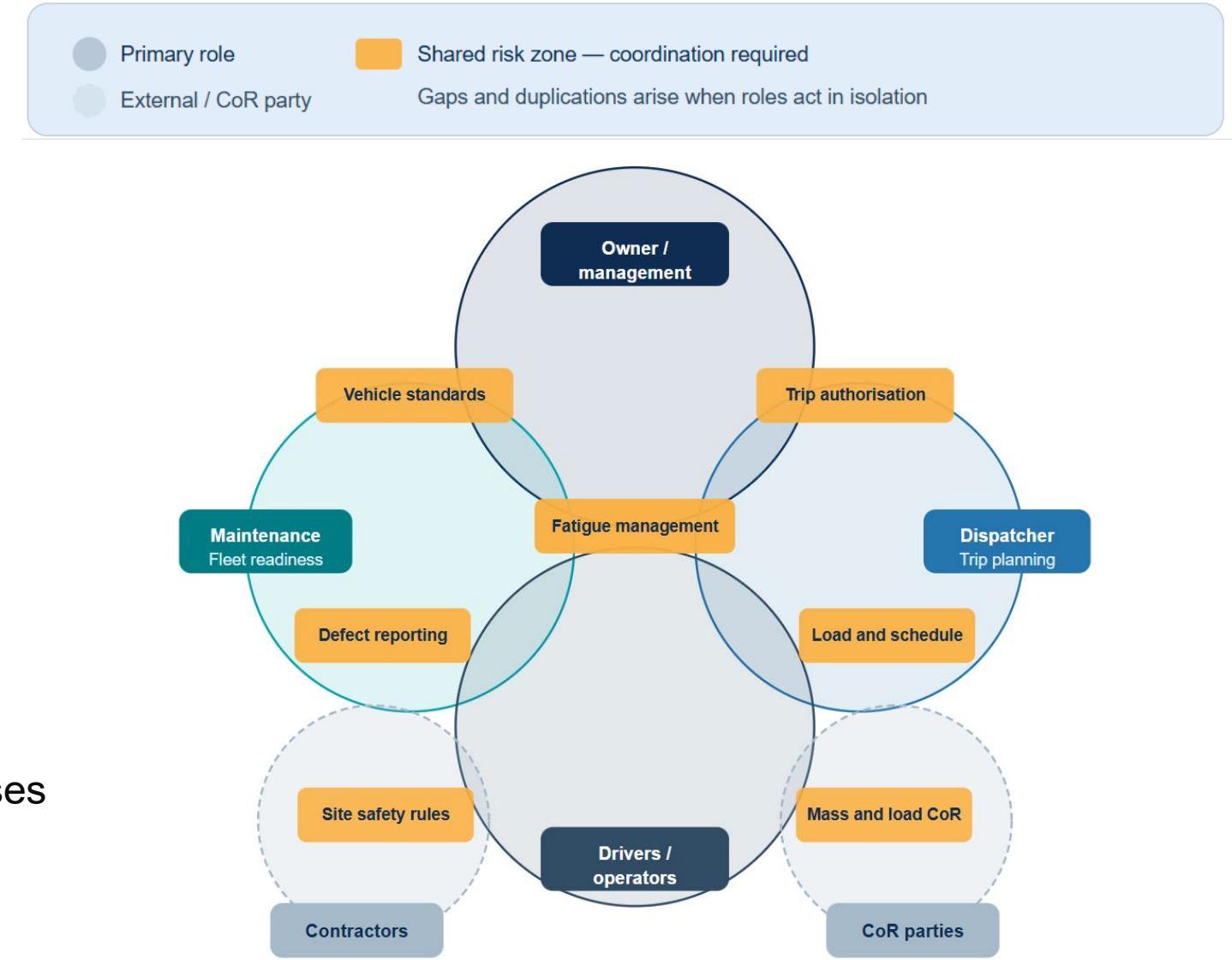


Proportionality

Small Operator	Larger Operator
Owner considers fatigue risk when allocating runs — it's part of the scheduling conversation, not a separate check	Scheduling system flags when a proposed run would breach fatigue limits before it is approved
Vehicle defects found at pre-trip are discussed with the owner before the run departs, not reported separately and filed	Maintenance defect log is accessible to dispatch so vehicles with open defects cannot be allocated
When a new customer asks for a tight turnaround, the owner's first question is whether it can be done within fatigue limits	New contract onboarding includes a hazard review before the first run is scheduled
Near miss reports are discussed with all drivers at the next catch-up, not filed and forgotten	Safety performance data is reviewed alongside operational performance in weekly management meetings

System Coordination

- Clear safety responsibilities
- Coordinated management of shared risks
- Alignment across roles and functions
- No gaps or duplication in controls
- Effective coordination with CoR parties
- Clear accountability and escalation processes



Same company. Same employee. Same near miss.

The siloed operation

Maintenance manager identifies a slow tyre leak

The issue is not communicated to operations

Vehicle is then scheduled for a long-distance run

Tyre fails during the journey

Incident results in delays and costs

The integrated operation

Maintenance manager records and flags the tyre fault

Operations sees the risk before scheduling

Vehicle is reassigned and the tyre replaced

Driver departs safely in another vehicle

Risk managed before an incident occurs

Integration with operations

- SMS integrated into daily operations
- Safety considered before and during work
- Decisions informed by the SMS
- Operational practices align with procedures
- SMS supports decisions under pressure
- Accessible and practical at the point of work

Safety System Summary

System integration: one system, not five parallel activities

System coordination: closing the gaps between functions

Integration with operations: safety in the room when decisions are made

Checklist

System operation
Safety considerations are consistently incorporated into planning, decision making, and task execution.
SMS requirements operate as a single, connected system rather than isolated processes.
Safety information flows to the right people in time to influence operational decisions.
Work is organised in ways that reflect identified risks and agreed safety controls.
SMS processes used in practice match the documented system, without parallel or duplicate work arounds.

Checklist

System coordination
Responsibilities and accountabilities are documented and coordinated across the organisation.
Safety activities are effectively aligned between functions and with external parties.
Coordination processes are current and operating as intended.

Integration with operation
SMS requirements are embedded and applied in daily operations.
Frontline staff and contractors consistently follow SMS procedures.
Operational deviations are corrected and used to strengthen SMS effectiveness.

Safety Management System

Embedding safety into every day practices helps operators

1. **Make safer decisions every day**
2. **Prevent incidents before they occur**
3. **Improve safety and operational performance**
4. **Build a positive safety culture**
5. **Protect people, businesses and the community**

Next Series & Questions

DATE	TOPIC	TIME
Wed 17 June	Introduction to Safety Management Systems (SMS) – what they are and why they matter	8am AEST
Wed 24 June	Leadership and Commitment	8am AEST
Wed 1 July	Risk Management – Hazards, Risks and Controls	8am AEST
Wed 8 July	Risk Management – Incident Management and Ongoing Risk Review	8am AEST
Wed 15 July	Assurance, Performance Monitoring and Continuous Improvement	8am AEST
Wed 22 July	People	8am AEST
Wed 29 July	Safety Systems	8am AEST
Wed 5 August	**Bringing it all together – Accreditation Compliance Accreditation (ACA),Maintenance Assurance Program (MAP), Present, Suitable, Operating and Effective (PSOE) Audit method**	**8am AEST**

Scan to register

8. Bringing it all together

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