Readi™ /

The EHS Buyer's Guide to Readi

Your Predictive Fatigue Management
System for Safety-Critical Operations

Fatigue Can't Be Ignored—But It Can Be Predicted with Readi

Over 100 clients worldwide have used Readi to reduce costly fatigue-related incidents, increase worker productivity, and create safer, more productive shifts.

In industries with 24/7 operations, fatigue contributes to over 20% of serious transportation incidents and nearly doubles the risk of workplace injury. A single misjudgment or lapse due to fatigue can result in serious injury, downtime, or worse.

Fatigue is the hidden risk that puts every shift at risk.

Readi allows your supervisors, operators, and leadership teams to see it coming—and take action before safety or productivity is compromised.

This guide walks through what Readi delivers, how your team will evaluate and seek purchase approval and how we support implementation from start to scale.

About Readi

Readi is the predictive fatigue risk management platform trusted by safety-critical industry leaders worldwide.

Built on the SAFTE™ model, it delivers personalized, hour-by-hour fatigue risk predictions through a combination of wearables and machine learning.
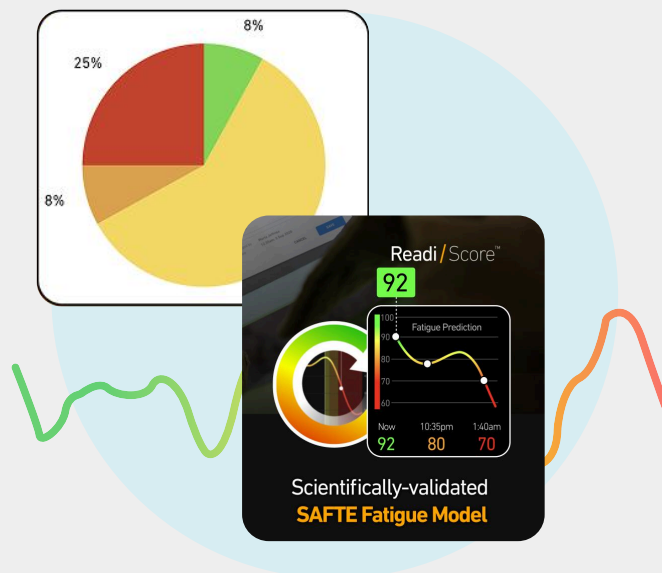
Who We Serve

Readi helps safety-critical industries predict and prevent fatigue risks before they lead to costly incidents.

Mining Operations

Reduce haul truck accidents, optimize shift schedules, and monitor underground fatigue where cameras can't be used.

Transportation & Fleet

Predict driver fatigue, prevent microsleeps, and improve safety decisions

Heavy Machinery

Reduce operator errors, improve maintenance scheduling, and enhance warehouse safety.

HSE & Safety Teams

Access real-time fatigue dashboards, compliance reports, and risk trends to prevent workplace injuries.

KINROSS   THIESS   Newmont   ANGLO AMERICAN   GLENCORE

Why Use Readi?

De-Risk Your Operations & Comply with Safety Regulations

Optimize Shift Schedules for Safer, More Productive Shifts

Improve Performance of In-Cab Cameras and Other Fatigue Technologies & Reduce False Alarms

Reduce Total Lost-Time Incidents by 13% on average

Move to Predictive and Proactive Prevention

Quantify the Risk of Fatigue-Related Incidents

"Fatigue Science's Readi platform allows us to proactively manage and substantially reduce our fatigue risk every day. We can now pinpoint fatigue hotspots and implement targeted countermeasures tailored to the specific needs of our workers."

— Hector Miranda, General Manager, Orica

The Readi Fatigue Risk Management System at a Glance

Readi / Watch™

High-accuracy sleep tracking validated to >92%

Readi / Supervise

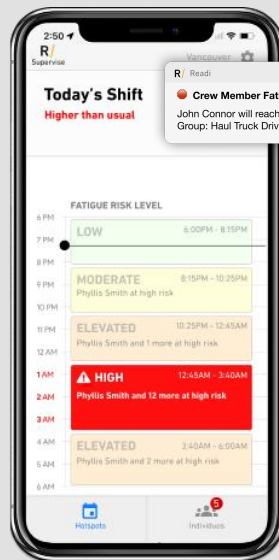Daily individual and crew-level risk forecasts for supervisors

Readi / Analytics

Fatigue trend dashboards for operations and safety leadership

Choose the configuration that fits how your business already runs

Wearable, ML, or hybrid.

ReadiML

AI and machine learning-driven sleep modelling based on ELD data, globally validated sleep profiles, worker demographics, and 15 years of sleep data

Instant Insights

Fatigue avoidance scheduling tool that helps you instantly design safer shifts that reduce fatigue risk

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The Buying Committee: Who Needs to Approve Readi?

Here's what each buying group typically needs:

☑ **IT**

Review integrations (Time & Attendance, ELD, FMS), security, and technical support

☑ **Health & Safety**

Ensure alignment with safety protocols, supervisor workflows, and KPI frameworks

☑ **Executives**

Confirm strategic alignment with long-term corporate initiatives and metrics, confirm potential for phased expansion

☑ **Finance/Procurement**

Review licensing, CAPEX/OPEX, and total cost of ownership

☑ **Legal**

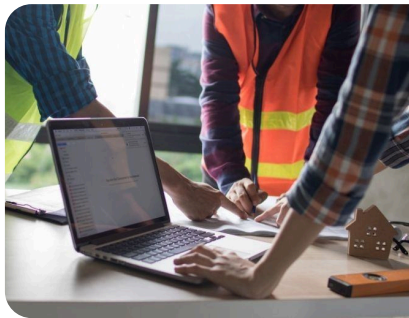Analyze SaaS terms, validate union compliance, data retention, and privacy policies

☑ **Supervisors**

Ensure minimal disruption and relevance to daily shift execution

☑ **Operations**

Confirm usability, training needs, and impact on shift planning

	Your Team Responsibilities	Fatigue Science Responsibilities
Kickoff	✔ Confirm scope, align stakeholders	✔ Host kickoff call, configure Readi
Deployment	✔ Distribute devices, manage rosters, onboard team	✔ Train supervisors, deploy ReadiWatch and ML setup
Midpoint Check-In	✔ Provide usage feedback, escalate concerns	✔ Analyze KPIs, recommend course corrections
Final Review & Next Steps	✔ Evaluate pilot outcomes, recommend next steps with additional phases of Readi deployment	✔ Present disruption analysis and success metrics

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Defining Success Criteria

Success should be clear, measurable, and tied to business goals.

Behaviour Success Criteria

✓ 80%+ daily supervisor log-in and ReadiScore usage within 30 days

✓ Documented countermeasures applied in response to fatigue scores

✓ Supervisor feedback indicating usefulness and usability

Operational Success Criteria

✓ Improvement in task planning and break scheduling

✓ Fatigue scores used in daily crew briefings

Cultural & Change Management Success

✓ Field-level endorsement from supervisors and end users

✓ Visible support from leadership during pilot and expansion

✓ Self-serve reporting adoption by safety/ operations teams

Enterprise Expansion Readiness

✓ Integration with T&A/FMS systems validated

✓ Supervisor workflow institutionalized across teams

Examples to Consider

☑ 80%+ supervisor engagement within 30 days

☑ Active usage of dashboards for reporting at the site and leadership levels

☑ Participant feedback indicating increased trust and fatigue awareness

☑ Demonstrated improvement in schedule planning or task reallocation
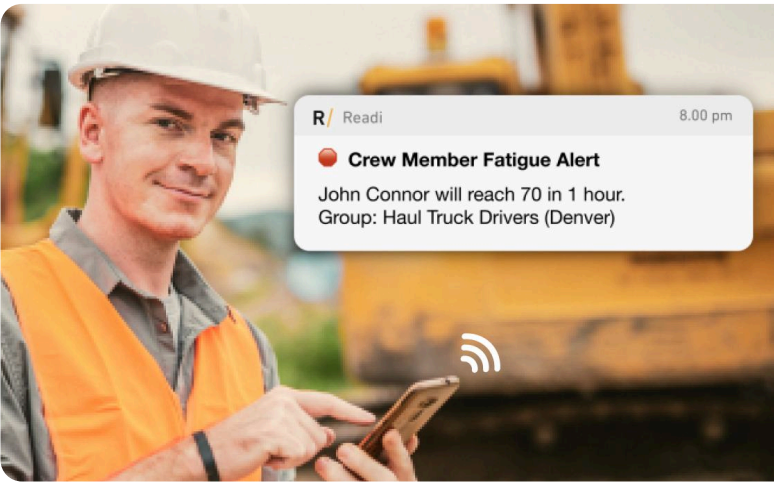
☑ Change management acceptance from field teams

☑ Supervisor workflow integration without increased administrative burden

☑ Measurable reduction in fatigue-related alarms or safety events

R/ Readi   8.00 pm

🔴 **Crew Member Fatigue Alert**

John Connor will reach 70 in 1 hour.
Group: Haul Truck Drivers (Denver)

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Readi Pilot & Implementation: What to Expect

Implementation Checklist with Timeline

PILOT SCOPE

3-6 month deployment
100–150 operators
3–10 engaged supervisors

Weeks 1-2

- ✓ Project kickoff
- ✓ Define objectives and roles
- ✓ Finalize site configuration and schedules
- ✓ Deploy baseline questionnaire

Weeks 2-3

- ✓ ReadiWatch shipping and wearable pairing
- ✓ Supervisor and stakeholder training
- ✓ ML setup and system integration (T&A/roster)

Weeks 4-6

- ✓ Active data collection begins
- ✓ Supervisors begin reviewing ReadiScores
- ✓ Weekly Fatigue Science check-ins

Week 6

- ✓ Mid-pilot check-in
- ✓ Review KPIs and user feedback
- ✓ Adjust configurations or training as needed

Weeks 7-12

- ✓ Monitor Readi usage and trends
- ✓ Supervisor reminders and refresher coaching
- ✓ Track KPI performance (alarms, actions, engagement) Monitor Supervisor satisfaction

Week 12

- ✓ Final evaluation with project team
- ✓ Disruption analysis (if applicable)
- ✓ Expansion decision & rollout plan

Our Support Includes

- ✓ Supervisor enablement
- ✓ Data integration support
- ✓ Weekly touchpoints and KPI tracking
- ✓ Disruption analysis (if applicable)
- ✓ Access to our Technical Support team

Pilot Success Indicators

- ✓ Supervisor engagement and ReadiScore visibility
- ✓ Countermeasures documented and repeated
- ✓ Data insights leading to changes in operations
- ✓ Stakeholder consensus to expand
- ✓ Technical feasibility (referring to integrations)

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Integration Support & Timeline

Integration Timelines

Fatigue Science integrations are completed with the majority of our customers. Integration timelines vary from customer to customer and are largely impacted by customer resource availability and third-party vendors involved in the process.

Key Integration Points

Time & Attendance (e.g., Workday, Kronos, SAP)
ELD systems (e.g., Samsara, Geotab)

Driving Frontline Adoption

Supervisor adoption is the linchpin of a successful FRMS deployment.

R/ Readi   8.00 pm
🔴 **Crew Member Fatigue Alert**
John Connor will reach 70 in 1 hour.
Group: Haul Truck Drivers (Denver)

✅ **27 users** will remain above 70 throughout today's shift.

Support Tactics

- ✓ Share early success stories with crews
- ✓ Provide mobile-friendly access to dashboards
- ✓ Use monthly check-ins to spotlight teams with high usage

What Works

- ✓ Embed ReadiScores into daily pre-shift briefings
- ✓ Assign fatigue champions on each crew to encourage adoption
- ✓ Reinforce countermeasure logging as a required part of safety reporting
- ✓ Create friendly competition using dashboards across crews or sites

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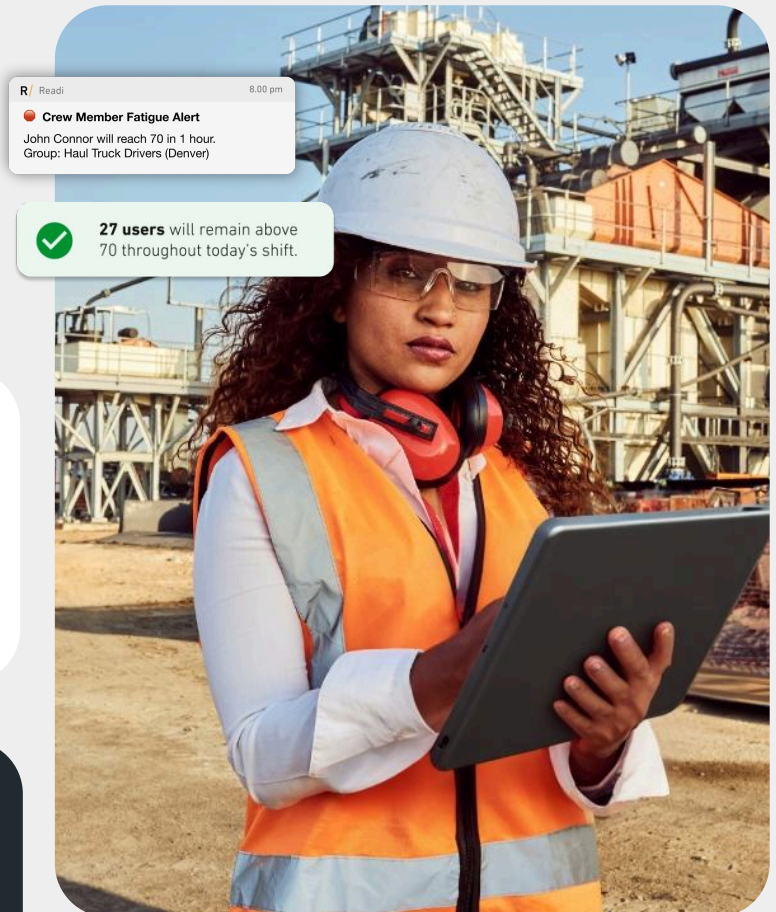
Making Fatigue Risk a KPI

Once the Readi system is in use, it's critical to make fatigue a regularly measured and reported part of your operation. This is how you'll create real impact with Readi long term.

Recommended Cadence

- **Weekly**: Review ReadiScore trends and supervisor countermeasure use within ReadiSupervise
- **Monthly**: Site-level adoption rates and camera alarm comparisons
- **Quarterly**: Executive review of fatigue risk trends across sites with ReadiAnalytics

Metrics to Track

- **Supervisor log-ins** per week
- **Number of actions**/countermeasures logged or scheduled
- **Reduction** in in-cab fatigue-triggered camera alarms/incidents
- **Time spent above fatigue risk** thresholds by group or site

Final Readiness Checklist ☑

Before taking next steps, ensure:

- ☐ Fatigue Science and your stakeholders are aligned (IT, Safety, Ops, Legal, Exec)
- ☐ Time & Attendance or roster data is accessible
- ☐ End-user communication plan is in progress
- ☐ You have a pilot site and 3–10 committed supervisors
- ☐ Internal success criteria are documented
- ☐ You're ready to participate in weekly reviews with Fatigue Science

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Expansion:
What Happens After the Pilot?

A successful Readi pilot should serve as a launchpad for an expansion to more Readi users, departments, and sites.

Here's what typically comes next:

Final Review

✓ Disruption analysis (when available — a detailed comparison of operational alerts such as fatigue camera alarms or incidents before and during the pilot, to demonstrate whether Readi's predictive capabilities reduced real-world fatigue events)

✓ Presentation of success metrics to steering committee

Expansion Planning

✓ Choose next departments or sites based on leadership strength and operational readiness

✓ Socialize budget expansion requirements with stakeholders during the pilot process

✓ Formalize onboarding playbooks and operational procedures

✓ Prepare IT integrations for additional time and attendance or ELD systems

Long-Term Program Sustainability

✓ Quarterly business reviews with your customer success representative

✓ Refresh training for new supervisors

✓ Update internal SOPs to include fatigue management actions

Ready to Take the Next Step with Readi?

Want to see how Readi works in practice?

Request a personalized demo to explore Readi's predictive dashboards, reporting tools, and supervisor workflows firsthand.

Sales Inquiries +1 (604) 408-0085 Canada/US | +52 (5) 568278152 Mexico / Latin America (hablamos español) | +61(0)432519434 APAC
sales@fatiguescience.com | www.fatiguescience.com

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