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Risk mangement		Health and Safety	
Predictive Risk Analytics		Accident Prevention	
			
Tool Name: nPlan		Tool: Motive AI Platform	
Website: https://www.nplan.io/		Website: https://gomotive.com/	
Youtube Channel: https://www.youtube.com/@nplan		Youtube: https://www.youtube.com/watch?v=idMcpeAcAvw	
Quick summary: nPlan is an AI-powered platform that forecasts and de-risks construction projects by looking into the future of projects so teams can tackle risks before they become issues. The tool uses machine learning to analyze historical project data and predict potential schedule delays, cost overruns, and resource conflicts, enabling proactive risk mitigation strategies.		Quick Summary: An AI system using computer vision and real-time data analytics to benchmark and detect worker risks on jobsites, emphasizing transparency through independent testing.	
		Major updates: 2025	
		Health Monitoring	
			
Tool Name: ALICE Technologies		Tool Name: SoloProtect Lone Worker Device	
Website: https://www.alicetechnologies.com/home		Webstie: https://soloprotect.com	
Youtube Channel: https://www.youtube.com/@alicetechnologiesinc		Youtube Channel: https://www.youtube.com/@SoloProtectUS	
Quick summary: ALICE is an AI-powered construction scheduling software designed to optimize and de-risk capital construction projects. It enables users to rapidly explore numerous scenarios and surface multiple feasible schedules, integrating construction schedule, cost, and scope into every generated scenario. The platform uses AI to identify and mitigate schedule risks before they impact project delivery.		Quick Summary: A compact wearable sensor for isolated construction tasks (e.g., elevated work or remote sites), updated with advanced biometrics for solo health oversight. Detects falls, abnormal heart rates, and immobility; auto-dispatches SOS with GPS. Tracks vitals like pulse oximetry and temperature via wrist/clip-on. No-false-alarm AI filtering for rugged sites.	
		2025 cloud AI enhancements for predictive health alerts.	
Weather & Environmental Risk Assessment		Safety Training	
			
Tool Name: Kwant.ai		Tool Name: Metenga VR Safety Training	

Website: https://www.kwant.ai/	Website: https://metaenga.com/
Youtube Channel: https://www.youtube.com/@kwant-company	Youtube Channel: https://www.youtube.com/@Nexusdevstudio/shorts
Quick summary: Kwant.ai brings together predictive analytics, AI-powered workforce analytics, and real-time risk management in one unified platform. The tool specializes in environmental risk monitoring, weather pattern analysis, and their impact on construction project timelines and safety protocols.	Quick Summary: An AI-enhanced VR system for precision-based safety skills, focusing on interactive vehicle guiding and hazard avoidance through hand-signal simulations and environmental recreations.
	Updated with AI interactivity in August 2025
Financial Risk Monitoring	Site Safety Compliance Monitoring
	
Tool Name: ProCore Risk AI	Tool Name: Intenseye Chief
Website: https://www.procore.com/	Webstie: https://www.intenseye.com/chief
Youtube Channel: https://www.youtube.com/@ProcoreVideo	Youtube Channel: https://www.youtube.com/watch?v=1wSmDKvirZ0
Quick summary: Procore's AI systems can analyze a range of construction documents to identify inconsistencies and present them to the correct people on the project or quality teams. The platform uses AI to monitor financial risks, contract discrepancies, and cost variations that could impact project budgets and profitability.	Quick Summary: An AI-powered safety assistant that uses computer vision on site cameras to automate compliance audits and flag violations against safety regulations in real-time.
	launched November 2024
	
	Tool Name:viAct AI Point Cloud Monitoring
	Webstie: https://www.viact.ai/
	Youtube Channel: https://www.youtube.com/@viactai
	Quick Summary: An enhanced computer vision system combining fixed cameras and LiDAR for 3D site modeling and continuous compliance surveillance. Detects deviations like improper scaffolding or equipment placement. Automated compliance checklists with photo/video evidence for inspections.Real-time notifications and digital twin updates for regulatory reviews.
	Updated with LiDAR integration in September 2025
Schedule Risk Analysis	Predictive Safety Analytics
	
Tool Name: Merlin AI	Tool Name: Kwant AI Safety Platform

Website: https://www.merlin-ai.com/	Website: https://www.kwant.ai/
Youtube Channel: https://www.youtube.com/@merlin_ai	YouTube Channel: https://www.youtube.com/@kwant_software
Quick summary: Merlin AI is a project management tool designed for small construction teams, supporting features for task and milestone tracking with integrations including Procore, Autodesk, Microsoft Project, Primavera P6, SAP, Oracle, and other major construction software. The tool uses AI to predict schedule conflicts and optimize resource allocation to minimize delays.	Quick Summary: A workforce management system integrating wearables and sensors for AI-driven risk forecasting, focusing on predictive alerts for construction hazards. Analyzes real-time vital signs and site data to predict fatigue, falls, and high-risk behaviors. Historical incident pattern recognition for customized safety protocols. Automated scheduling adjustments to avoid peak-risk periods.
	Major predictive module update in Q2 2025
Supply Chain Risk Mangement	Emergency Response
	
Tool Name: Zepth AI	Tool Name: Guardhat Emergency Response System
Website: https://www.zepth.com/	Website: https://www.aatmunn.com/
Youtube Channel: https://www.youtube.com/@zepth-theconstructionmanag2915	Youtube Channel: https://www.youtube.com/watch?v=FeDGxq4ZUZY
Quick summary: Zepth AI optimizes the allocation of resources such as labor, equipment, and materials by analyzing current and historical data. The platform features automated risk assessment that assigns priority to issues and rates subcontractors. It helps ensure efficient resource use while reducing waste and controlling costs through predictive supply chain analytics.	Quick Summary: An AI-enhanced connected hardhat ecosystem that detects incidents via embedded sensors and triggers site-wide emergency protocols, updated for faster multi-device coordination. Real-time fall/impact detection with auto-SOS alerts to nearby teams and off-site EMS. AI-optimized evacuation routing using site maps and worker locations. Post-incident analytics for response drills and protocol refinement.
	Firmware update with enhanced AI response modules in April 2025
Geotechnical Risk Assessment	Incident Management
	
Tool Name: MIDAS GTS NX	Tool Name: Fiedwire AI Incident Reporting
Website: https://www.midasgeotech.com/	Website: https://www.fieldwire.com/
YouTube Channel: https://www.youtube.com/@MIDASGTSNX/videos	Youtube Channel: https://www.youtube.com/watch?v=sptNzx3oUX4
Quick summary: ZMIDAS GTS NX is an AI-enhanced geotechnical risk assessment tool used for analyzing and simulating soil-structure interactions. It offers both 2D and 3D modeling capabilities with machine learning algorithms that assess various geotechnical challenges such as slope stability, foundation design, tunnel stability, and ground settlement predictions. The software uses AI to identify potential failure modes and optimize design parameters.	Quick Summary: A mobile-first AI platform for field teams to report and manage construction incidents, leveraging data insights for efficient closure and prevention. Voice/photo-enabled instant logging with AI-suggested causes and fixes. Trend analysis across projects for systemic issue identification. Exportable reports for OSHA/insurance with embedded analytics.
	AI-driven insights and reporting overhaul in August 2025
Regulatory Compliance Risk	Environmental and/or Surrounding Hazards
	
Tool Name: SmartCompliance AI	Tool Name: Visionify AI

Website: https://smartcompliance.co/	Website: https://visionify.ai/
Youtube Channel: https://www.youtube.com/@SmartComplianceInc	Youtube: https://www.youtube.com/watch?v=r1OqID_OI8Y
Quick summary: SmartCompliance utilizes AI-driven Optical Character Recognition (OCR) to scan and store certificates of insurance accurately, eliminating time-consuming manual data entry and minimizing the risk of human error. Machine learning algorithms help identify compliance risks early, using historical data to predict and prevent issues before they arise. The platform enables proactive compliance management in construction projects.	Quick Summary: A cloud-based computer vision platform that scans construction sites for environmental risks using integrated cameras and sensors, providing proactive alerts for conditions like poor air quality or unstable ground.
	Major platform update with enhanced predictive modules in February 2025
	
	Tool Name: FYLD AI Risk Assessment Platform
	Website: https://fyld.ai/solutions-safety
	Youtube Channel: https://www.youtube.com/@FYLD-AI
	Quick Summary: An AI-driven system for point-of-work hazard identification, emphasizing surrounding environmental factors like temperature fluctuations and chemical spills through mobile and sensor data. Instant alerts for unsafe conditions (e.g., heat stress zones, toxin buildup) with rerouting recommendations. Environmental data fusion from IoT for dynamic risk mapping. Personalized worker notifications via app for immediate mitigation.
	Updated with real-time environmental monitoring in October 2024