



AI Meets OSHA: How AI Is Reshaping Workplace Safety and Regulatory Oversight

Event

7.17.25

12:00 PM — 1:00 PM EDT

Register for Webinar

Join AI and workplace safety law professionals Dave Walton, AIGP, CIPP/US and Todd Logsdon for a comprehensive, forward-thinking session exploring how artificial intelligence is revolutionizing safety—and the legal risks it presents. We'll begin with a clear foundation of AI fundamentals and delve into how employers are deploying technologies—from real-time hazard detection via IoT sensors, wearable devices, and computer-vision tools, to predictive analytics and automated inspections using drones and VR/AR training. You'll learn how employers are using AI tools like wearable tech, computer vision, predictive analytics, and autonomous systems to reduce injuries, manage compliance, and improve operational efficiency—while also confronting new legal and ethical risks.

You'll also gain insight into how regulatory agencies, particularly OSHA, are adopting AI to enhance their own enforcement efforts. From conversational AI interfaces and drone-assisted inspections to predictive models that flag high-risk sites, the future of safety investigations is already here. Dave and Todd will discuss the legal and strategic implications for employers, including managing liability, developing AI-safe workplaces, preparing for AI-assisted OSHA investigations, and complying with evolving federal and state AI regulations. Our presenters will guide you through employer obligations during AI-assisted investigations, effective incident-response protocols, and future-proof governance strategies that respect emerging state and federal AI laws. You will also learn the critical elements of AI governance and how those principles can protect your organization in a world dominated by AI. This session equips you with actionable legal and operational insights to harness AI responsibly, defend against evolving regulatory scrutiny, and elevate safety culture in your organization.

If you have any questions, please contact [**Tessa Moran**](#).

Educational Credits

HRCI and SHRM

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Related People



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