



outcome engineering

BIO

David Marx, JD
CEO



David Marx is Chief Executive Officer of Outcome Engineering, a Dallas-based risk management firm. David has a BS in Mechanical Systems Engineering and Juris Doctor in Law. David's firm currently spends the majority of its effort on helping high-risk organizations develop safety supportive practices and culture.

David began his career as a Boeing aircraft design engineer. In his final years at Boeing, David organized a human factors and safety group where his team won the International Whittle Award for the development of a human error investigation process now used by air carriers around the world.

In 1997, David launched a research and consulting practice focusing on the management of human error through the integration of systems engineering, human factors, and the law. David has served as an advisor to the Federal Aviation Administration's Human Factors Research Program and to the NASA Space Shuttle Program.

In the healthcare sector, David was the principal consultant to guide the State of Oregon and the Oregon Health Care Association to build the first state-wide, quantitative model of medication safety risk. In the area of safety culture, David authored for the National Institutes of Health the document "Patient Safety and the 'Just Culture': A Primer for Healthcare Executives." David's Just Culture tools have now been implemented at a statewide level in both Minnesota and North Carolina. In November of 2005, David's firm launched the Just Culture Community, a web-based resource for organizations on the journey to more open learning cultures. In December 2005, the Institute for Safe Medication Practices awarded David the Cheers award for his work in developing the "Just Culture."