

Title: **BIM Technology, Crossing Design & Construction Team Boundaries**
Topic Area: **Business and Professional Practice**
SEI-Committee on Building Information Modeling

INTERTECH Design, Inc., Structural Engineers

Will F. Ikerd II, P.E., C.W.I.

7502 Greenville Ave., Suite 800

Dallas, Texas 75231 USA

Phone: (972)-699-8000

Fax: (972)-437-6432

Email: lwikerd@IDlse.com

Web: IDlse.com

Building Information Modeling (BIM) has been heralded as a catalyst leading the profession towards an "Integrated Practice" that crosses many traditional design and construction borders. But how is this new technology changing the way projects are designed, documented and constructed? Why is the change in technology happening now? How will BIM technology influence small, medium and large firms differently and what do firm owners and project managers need to understand about the technologies used in today's design environment? What are the steps involved for training and successful implementation of the technology in your office? What can BIM do and what are its limitations? What is the total cost of implementing this technology from a hardware, software, and "sweat"-ware aspect. How should we consider the Return on Investment (ROI) of the technology? What are the best resources in BIM technology to help firms to make well informed decisions? What considerations should firms make when evaluating BIM software as it relates to the integration with structural engineering analysis and design software?

This session, which focuses on software, training and implementation, will answer these questions surrounding BIM technology. The presentations in this session will examine the challenges, dispel the myths, explain the trends, and discuss where BIM technology is rapidly heading in the design and construction communities. It will also address what firms should consider when assembling design teams and how radically BIM technology changes the workflow process.