

Expert Engineering Solutions

Expert analysis and engineering consulting for mechanical systems in complex facilities.

Consulting Services

Services include peer review, conceptual design, and development of strategies and programs for expedited project delivery.

Bill frequently acts as an owner's agent as an extension of the owner's project team. On other projects, Bill serves as a subject matter expert assisting project delivery firms in development of viable solutions and review of construction documents.

As a project consultant, Bill assures the project starts right and provides expertise through completion and operation to maximize return on investment.

Bill's pragmatic approach to litigation consulting and project consulting is based on more than 40 years of real-world experience as a design professional, mentor, forensic analyst, and years as an instructor in professional and academic settings.

Complex Buildings

- Data Center Infrastructure
- Cleanroom Design and Performance
- Semiconductor Facilities
- Healthcare Facilities
- Institutional Laboratories
- Advanced Manufacturing
- Chemical Exposures in the Workplace

Design & Construction Defects

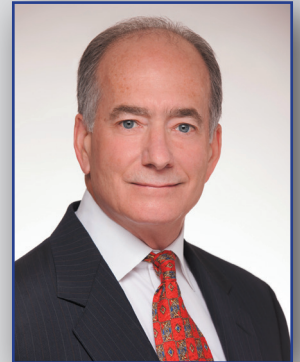
- HVAC and Refrigeration
- Process and Power Piping
- Plumbing Systems
- Standard of Care in Design and Construction
- Codes and Standards Compliance

Intellectual Property Disputes

- Trade Secrets
- Patents

Litigation Support

- Forensic Analysis
- Strategic Litigation Consulting
- Trial Demonstratives
- Expert Testimony
- Plaintiff/Defendant
- Experience throughout US, Asia, Europe
- Proven ability to explain complex issues to non-technical audiences, including juries, mediators and judges.



**William R. Acorn, P.E.,
DFE, FASHRAE, CFLC**

Consulting expertise includes:

- Project Design and Management Consulting
- Forensic Analysis and Litigation Consulting
- Mentoring & Advanced Education
- Registered as a Professional Mechanical Engineer in the States of Arizona, California, Colorado, Illinois, Iowa, Nevada, New Hampshire, New Mexico, Oregon, Texas, Utah and Washington
- Registered with the National Council of Examiners for Engineering and Surveying NCEES (Certificate No. 6999)
- Fellow in the HVAC industry leading organization ASHRAE
- Visiting lecturer at the Arizona State University Del E. Webb School of Construction in Tempe, AZ
- Board Certified Diplomate Forensic Engineering
- Certified Forensic Litigation Consultant



Acorn Consulting Services, LLC

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Offices in Arizona and Washington