MDSystems® provides clients expert consulting services for construction projects. Our team of engineering consultants specialize in forensic engineering and expert witness services for domestic and international disputes at trial.

Systematic Approach to Construction Analysis

Preliminary Assessment
MDC®’s experience allows for an expeditious project overview identifying the strengths and weaknesses of relevant issues and recommending approaches that strengthen our clients’ position.

Fact Finding
MDC® reviews and organizes all available pertinent data to document technical issues, schedule performance and project management. We assist clients with document discovery, document management and strategy development for all elements of the litigation process.

Expert Analysis
MDC® utilizes scientific methods of investigation to determine the facts and validity of each party’s allegations. Where appropriate, schedule analysis tasks include establishing As-Planned and As-Built Schedules and preparing Time Impact Analysis (TIA)®. These and other fact-based models provide the basis for determining causation, identifying the responsible party and the appropriate allocation/quantification of costs and damages.

Presentation of Findings
If requested, MDC® prepares expert reports presenting our analysis and findings. Our expert witnesses have testified in foreign and domestic depositions, arbitrations and trials. MDC® also develops state-of-the-art demonstrative evidence for courtroom presentations.
Saving Clients Time and Money

Before investing a significant amount of time and money into your capital project, allow MDC® to perform a critical evaluation of your situation. MDC®'s systematic approach to construction analysis includes preliminary assessments, fact finding, scientific methods of investigation, and presentation of findings.

MDC® determines and verifies facts to facilitate problem resolution during the life of a project. Should the dispute require negotiation, arbitration or litigation, MDC® provides compelling and scientifically-based expert witness services. Let MDC®'s experts show your organization how to utilize the knowledge of science and engineering and MDC®'s wisdom, based on our years of experience, to help you avoid and/or resolve problems early in the life of your capital project.

Licensed Professionals

Expert Credentials
The multi-disciplinary consultants at MDCSystems® include licensed professional engineers (mechanical, civil, structural, electrical and environmental), licensed architects and accountants. Our senior professionals have an average of over 30 years of hands-on national and international design, construction and project management experience.

Expert Witness Testimony
MDC®'s experts are successful witnesses because of our impeccable credentials and field experience. Our professionals have qualified as expert witnesses in both State and Federal Court venues as well as International Arbitration. Expert qualifications are now more important than ever, given the recent impacts of the Daubert/Kumho requirements for expert credentials and their methodology. MDC®'s senior professionals have passed the stringent interpretations of Federal guidelines concerning expert testimony and have been accepted as experts for project and construction management, architecture, engineering, and construction cost estimating, schedule analysis, and damages.

Scientific Methods of Investigation
This expertise, in combination with our fact-based scientific methods of investigation outlined below, provides clients with reliable, consistent and persuasive expert analysis and credible opinions.

- Time Impact Analysis (TIA®)
- Forensic Project Management® (FPM®)
- Capital Project Management System® (CPMS®)
- Project Advocates®

CLIENTS

Coats Rose
Cozen O’Connor
Dean Mead
Decotis
Drinker Biddle
Donovan Hatem LLP
Faegre & Benson LLP
Foster Wheeler Corp.
Hale & Dorr LLP
Hatch
Hatzel & Buehler, Inc.
Huntsman
INTECH
Jones Day
Kirkland & Ellis
Lambert & Weiss
Lexington Insurance Company
Marshall Dennehey, et al.
Merck & Co., Inc.
Miller, Johnson, Snell & Crommie PLC
Morgan, Lewis & Bockius LLP
Nason & Cullen, Inc.
NDOT
NTPA
Orgain Bell & Tucker
Peckar & Abramson PC
Pepper Hamilton LLP
Powell Trachtman
PPG Industries
PSEG Enterprises, Inc.
Raytheon Company
Reed Smith LLP
Saul Ewing LLP
Siemens
Schering-Plough Corp.
Schiff Hardin LLP
Skellenger Bender PS
Stark & Stark
Stradley Ronon
Sun Oil Company
Tallman Hudders & Sorrentino
Taylor Colicchio & Silverman LLP
Trammel Crow Development
Turner Construction Company
Toll Brothers, Inc.
Toyo Engineering Corp.
Warner Norcross & Judd LLP
Williams Montgomery & John Ltd.

MARKETS SERVED: Process Plants, Laboratories, Transportation, Hospitals, Pharmaceuticals, Power Plants, Prisons, Refineries, Commercial Properties, Housing, Schools, Offices, Manufacturing, Universities, Institutions, Water Facilities, Pipelines

MDCSystems® conducts seminars & training for public and private sectors. Topics include:
- Design-Build Project Delivery Systems
- Contract Administration
- Strategic Planning for Complex Projects
- Restarting Stalled Projects
- Construction Contract Disputes
- Dispute Avoidance & Resolution Design Review & Analysis