

Let Us Be Your Engineering Solutions Provider

Day & Zimmermann was founded more than a century ago on ground-breaking engineering and design services.

We continue that legacy of innovation offering a comprehensive range of services, from concept through to the commissioning of grassroots facilities, retrofits, and upgrades.

What makes Day & Zimmermann truly unique is our promise—We do what we say.®—which embodies how we operate and how we have performed for our customers for more than 100 years.

Services We Provide:



Engineering & Architecture



Energy & Sustainability



Validation



Construction & Maintenance



Staffing Solutions



Supply Chain

WHY CHOOSE US?

Proven history of successful projects

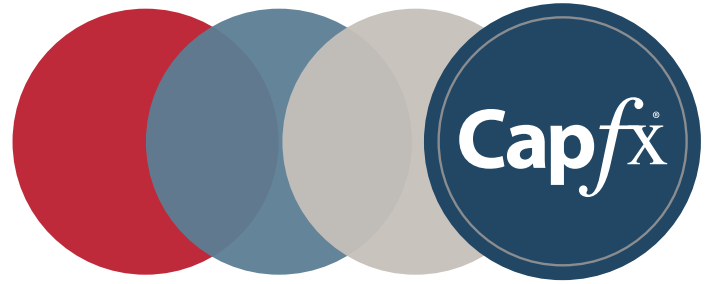
Excellent schedule and cost certainty practices

Success in lowering our customer's total cost of ownership

Strong safety culture

HOW DO WE DO IT?

With Capfx[®]



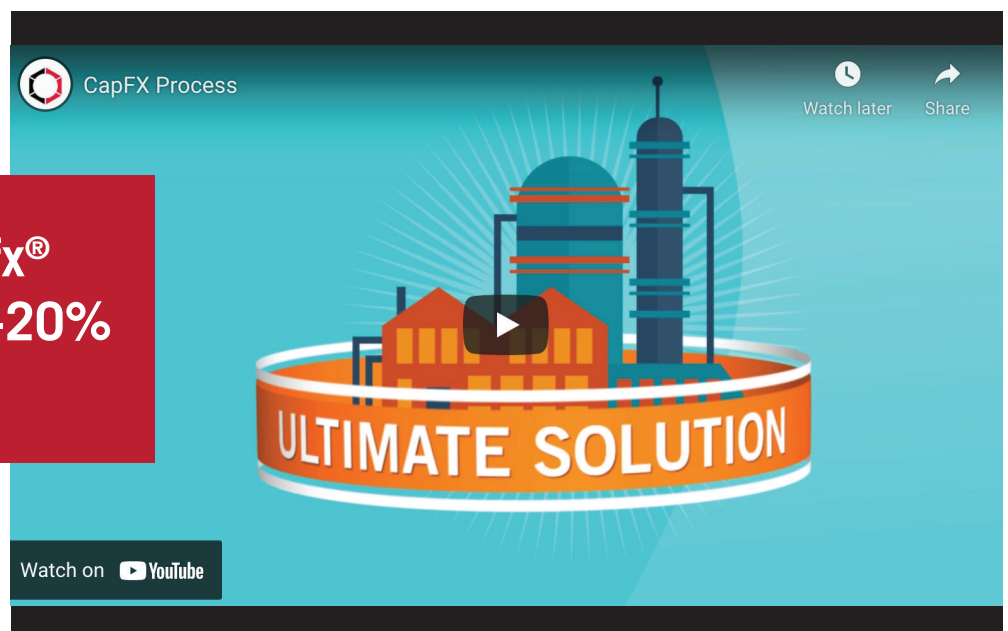
Capfx[®] is our process for delivering capital effectiveness, offering the opportunity for predictable cost savings compared to a conventional approach to project delivery.

Our process is designed for customers who demand improved overall Return on Invested Capital (ROIC). Working together, we can optimize your business outcomes through intensive planning—whether it's for the entire project or a portfolio lifecycle. We'll help drive stakeholder alignment and deliver well-documented project execution best practices, which can deliver a 10 to 20 percent savings or more.

Lowering Customers Total Cost of Ownership

We bring ideas to life and focus on lowering the total cost of ownership to our Consumer Products customers by delivering innovative engineering, procurement, construction management, maintenance, and other specialty services.

Watch how our Capfx[®] process provides a 10-20% cost savings!



[Click to watch the Capfx[®] video](#)

ENGINEERING

Day & Zimmermann brings big ideas to life by providing innovative, value-driven, engineering solutions across a broad range of industries.

Day & Zimmermann offers full-scope engineering and design services for projects that range from new facilities to revamps and upgrades. Our experienced engineering resources seamlessly deliver strategic planning, conceptual engineering, front-end engineering, detailed engineering, 3D digital facility lifecycle solutions, and more.

Engineering Services

- Full-service multidiscipline engineering
- Conceptual engineering through detailed design, startup, and commissioning
- Process simulation & optimization / technology selection
- Equipment, bulk material & subcontract services procurement
- Hazard analysis
- Laser Scanning
- Constructability
- Capital program/project management
- Small to mid-sized capital and maintenance projects
- Brownfield facilities, retrofits, and upgrades
- Full-service estimating for capital projects

Full Engineering & Architectural Services include:

- Process
- Mechanical Engineering
- Piping
- Structural Engineering
- Civil Engineering
- Architectural Engineering
- Electrical Engineering
- Instrument & Controls
- Telecommunications
- Technical Security Systems
- Life Safety / Fire Protection Engineering
- Contract Administration

Flexible execution strategies include site-based teams, in-plant staff augmentation and seconded personnel, and office-based project execution.



ENR
TOP 500

ENERGY & SUSTAINABILITY

Day & Zimmermann provides a full range of architectural, engineering, and sustainability services. As design specialists, we recognize that every client and project is unique. We integrate our collective resources to offer a customized, streamlined solution for every mission—focusing on communication and quality control.

We specialize in the following areas:

Energy and Sustainability Services

As a complement to our core design services, we provide significant analytical capabilities to evaluate alternate approaches, guide sustainability, and optimize the performance of existing buildings.

CFD Modeling

Through the pairing of computational fluid dynamics (CFD) modeling and advanced integrated energy simulation, we can communicate complex physics to provide new possibilities in the built environment. CFD is an excellent tool for modeling smoke migration, can significantly reduce the size of the smoke control systems in buildings.

It is also successfully applied to laboratory design, data center design, and external environmental flows.

Energy Auditing

Using sophisticated analytical tools, our experts can evaluate your facility's energy usage and provide you with comprehensive energy and water conservation measures (ECMs) to reduce costs and greenhouse gas emissions.

Energy Modeling

Most design firms provide whole-building energy modeling toward the end of a project to determine a building's relative energy and cost savings compared to a baseline project. We create energy models that offer simulations beyond this traditional approach. Simulation begins at the conceptual design stage, optimizing building orientation, envelope shading and HVAC systems.

Commissioning

Our commissioning and energy audit specialists work to make buildings perform as well or better than they were originally designed and to assist owners and operators to meet energy and water performance standards mandated by federal and local authorities.

Facility Condition Assessments and Evaluations

Our experts have evaluated millions of square feet of complex institutional and industrial spaces to allow for more accurate forecasting of maintenance, repair and replacement activities.



VALIDATION

With state-of-the-art processes, tools and data, our teams are able to get clients the most complete workforce in the industry. If a process needs revamping, we can do it. If a company needs a new candidate profile, we can introduce it.

Our model is set up to bring not just experienced Validation and Quality candidates, but value to the client over the long haul. Our results validate our work.

- Targeted Skills Sourcing
- Networking Skills Qualification
- Company Specific Screening
- Cultural Fit
- Reference Checks
- Interviews
- Market Expertise

Validation Services

- Process / Cleaning Validation
- Computer System Validation
- Validation Master Plan (VMP)
- Risk Analysis
- Commissioning (FAT, SAT)
- Integrated Commissioning
- Qualification Plans for all phase of a Life Cycle
- Execution of Qualification Plans
- Establishing Change Control Processes



CONSTRUCTION & MAINTENANCE

One of our core competences is in the maintenance and modification of existing plants and facilities. We generate and preserve project value performance management, and streamlined contracting models with balanced risk and reward sharing.

We stand by our Total Accountability Model that provides a single point of contact driving accountability across safety, human performance, cost, schedule, quality, and resource supply. Services include:

- Large-scale maintenance and modifications
- Routine, preventive, and corrective maintenance
- Shutdowns, turnarounds, and outages (STO)
- Managed operational & maintenance (O&M) services

Welding

Day & Zimmermann provides experienced, highly qualified welders to perform everything from large turn-key projects to small emergent scopes for various industries nationwide. Our team of professionals include project and construction managers, weld test shop supervisors, engineers and designers, manual and semi-automatic welders, welding machine operators, machinists, and ASME-certified welding technicians.

Construction & Maintenance Services:

- Stand-alone construction management services
- Subcontract management
- Union/Open shop experience
- Pre-construction planning
- Direct-hire construction
- Constructability
- Complete QA/QC Program
- Heavy lift and haul planning
- Site selection studies
- Work packaging
- Welding services



STAFFING SOLUTIONS

Yoh, A Day & Zimmermann Company

Yoh is the nation's first technology staffing firm and for over for 80 years has provided the talent needed for the jobs and projects critical to our client's success.

Whether you need the flexibility of a contract, long- or short-term resource or team to augment your regular staff, Yoh's specialized professional recruiting can find the right skills, experience and work engagement to meet your needs. Yoh's specialized contract recruiting comes from our focus on specialty practice areas where subject matter experts recruit and vet talent for our customers.

About Yoh

- Global Coverage – local attention
- Integrated Workforce Solutions
- Industry Focus:
 - Software Engineering
 - Creative and Interactive
 - ERP & Cloud
 - Finance
 - Health Care
 - IT
 - Life Science
 - Engineering & Validation





SUPPLY CHAIN

Day & Zimmermann's (D&Z) Supply Chain process offers a tailored approach designed to meet the requirements of our EPC/EPCm clients. Our Supply Chain has a deep knowledge of the source-to-pay process along with strategic supplier partnerships across all materials, services, rentals, and consumables categories required to deliver value to our clients.

Our Supply Chain services include the following:

- Project procurement strategy development
- Strategic sourcing
- Competitive bid evaluation
- Supplier negotiation
- Schedule and budget enforcement
- Purchase Orders (PO) and subcontract execution
- Expediting
- Procurement status reporting
- PO and subcontract closeouts

We use a Master Service Agreement (MSA) for industry-wide commodities that include:

- Piping
- Instrumentation
- Inspection
- Specialty services
- Equipment rentals
- Tooling and consumables



Contact Us

864.770.4500
capfx@dayzim.com
dayzim.com

Corporate Headquarters

1500 Spring Garden St.
Philadelphia, PA 19130

Regional Design Centers

80 International Drive,
Building 5, Ste 100
Greenville, SC 29615

300 West Vine Street, Suite 1300
Lexington, KY 40507

4880 Sadler Road, Suite 300
Glen Allen, VA 23060

