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# ***The Right Process & Mechanical Engineering Partner Is The Key To Your Success.***

- Design Services
- Construction Support
- Operational Performance



**Employee Owned. Customer Focused.**

**Process & Mechanical Engineering**





## ***Clients Achieved Process & Mechanical Project Success Since 1981 From Design & Collaboration With Industry Leading Expertise.***

Wunderlich-Malec specifically tailors services to meet your unique requirements. As an Engineering News-Record Top 200 engineering company, Wunderlich-Malec delivers valuable engineering services that help Industrial process systems be efficient, user friendly, reliable, robust, flexible, serviceable, safe & cost effective. Through a nationwide network of offices virtual engineering resources accelerate project timelines, improve quality & reduce costs. Over 500 passionate engineers & subject matter experts are one of the largest and most well-established engineering, system integration, process automation & process mechanical providers. Wunderlich-Malec has successfully delivered projects to its Fortune 500 clients & has the financial resources to ensure that we will meet or exceed your project expectations.



### ***Comprehensive Mechanical & Process Services***

Your projects diverse requirements are achieved by our comprehensive services that include mechanical engineering services for mission critical HVAC, clean rooms & laboratories, offices & manufacturing, steam, condensate & hydronic systems, process water & wastewater systems, compressed air & gas systems, fire protection systems & boiler & chiller systems. Experienced engineers specialize in sustainable buildings, resilient & complex systems.

### ***We Utilize Software That Lowers Costs & Accelerate Schedules***

We've invested in the most advanced software tools, BIM Technologies & training available, giving our engineers the resources they need for modeling, lowering engineering costs, creating higher quality, documentation & accelerating your schedules. Our skilled engineers are proficient with:

- **AutoCAD®**
- **Revit®**
- **Siemens NX PLM**
- **Navisworks**
- **SysQue® Revit® MEP Managed Content**
- **PIPE-FLO® Fluid Analysis & Design Modeling**
- **Trane TRACE™ Design & Analysis**
- **ReCap 360**

### ***Where Innovation & Diverse Experience Meet***

Clients benefit from our company culture of innovation & diverse experience. Our subject matter experts provide supplemental electrical, automation & fabrication solutions that complement our mechanical & process design solutions. Innovation is embedded in our company culture as proven by our patented & trademarked products & services.

### ***Commitment To Quality & Customer Loyalty***

Our commitment to quality, customer collaboration & loyalty to our clients is rewarded with 80% of our company revenue from repeat business.



## ***The Wunderlich-Malec Team Will Solve Your Most Challenging Industrial Mechanical & Process Applications.***

Wunderlich-Malec engineers collaborate with clients to design, build & manage successful projects. Servicing Food & Beverage, Dairy, Brewing & Distilling, Life Sciences, Refinery, Chemical, Pulp & Paper, Primary Metals, Sustainable Power Generation & Discrete Manufacturing industries.

### ***Feasibility Studies With Conceptual & FEED Designs***

Our engineers, skilled in front end planning, collaborate with you to develop & provide a conceptual design for a capital project plan & financial analysis. A FEED study will provide a defined scope, budget, & schedule. FEED helps reduce project risks & create greater success.

- ***Project Objectives & Scope of Work***
- ***Site Analysis***
- ***Technical Design & Cost Estimate***
- ***Environmental & Sustainability Assessment***
- ***Schedule & Procurement Plan***
- ***Technical & Financial Feasibility Study***
- ***Health, Safety & Environmental (HSE) Plans***

### ***Experienced Design Services For Diverse Applications***

Wunderlich-Malec specialists provide design & engineering services for your process applications & facilities in a broad range of industrial markets.

- ***Detailed Specifications***
- ***Process Flow Diagrams***
- ***Piping & Instrumentation Drawings***
- ***Isometric & 3-D Drawings***
- ***Equipment Arrangement***

- ***Site Layouts***
- ***Functional Tests***



### ***Construction Management Services & EPC***



- ***Qualify Contractors & Vendors***
- ***Prepare Bid Packages, RFPs, Evaluate & Award Contracts***
- ***Procure & Or Install Equipment***
- ***Schedule & Supervise Work***
- ***Cost & Schedule Control***
- ***Commission & Startup***

### ***Customer Staff Augmentation***

Wunderlich-Malec will provide key personnel to augment a client's staff or as Owner Representative during:

- ***Design & Construction***
- ***Testing & Commissioning***
- ***Plant Operations***





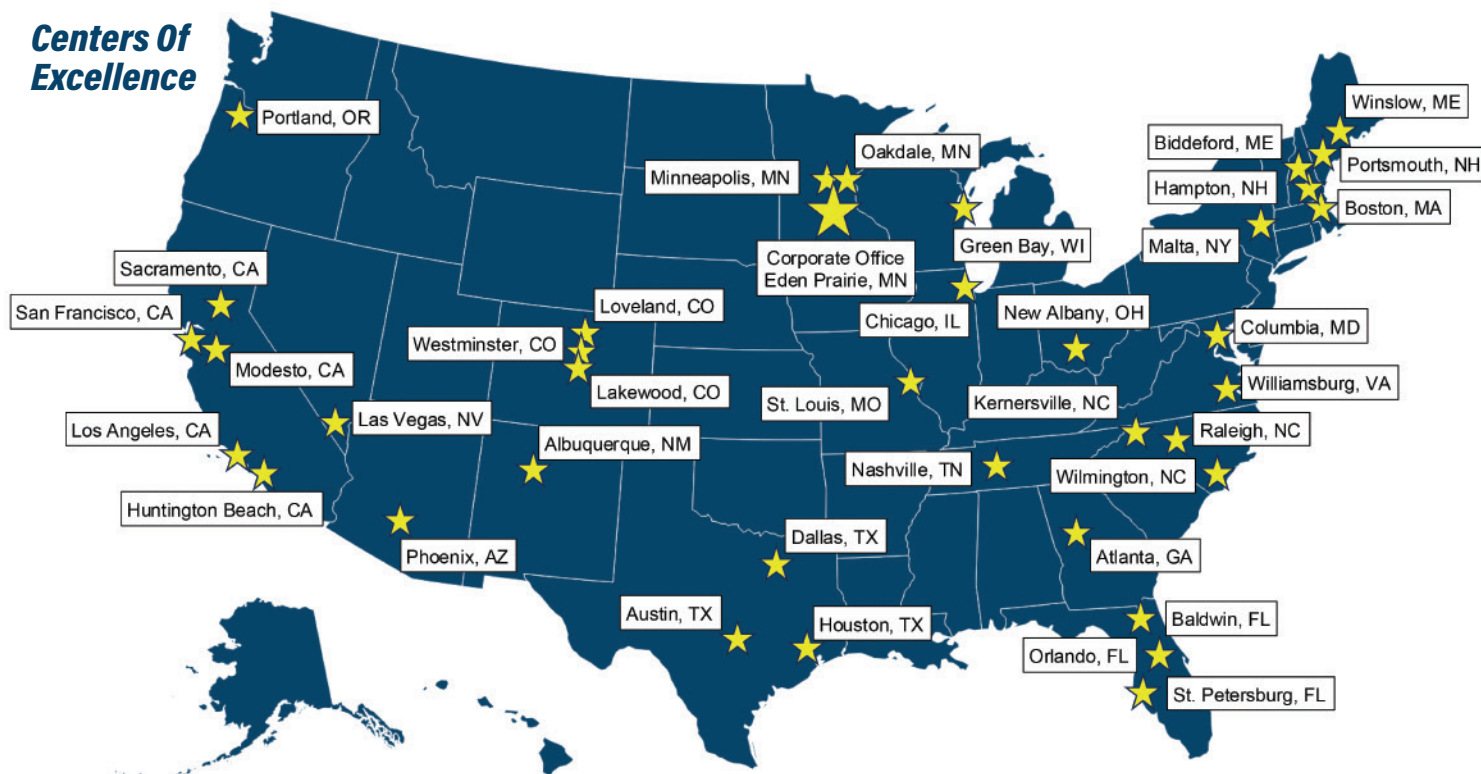
Learn More



## Engineering Experience You Can Count On Since 1981

- **Control System Integration**
- **Manufacturing Execution Systems**
- **IT/OT Convergence Systems**
  - Industrial Foundation Networks
  - Cloud Based IIOT Applications
- **Panels & Modular Manufacturing**
  - Control Panel Fabrication
  - Substation Modular Enclosures
- **Facilities Engineering**
  - Mechanical Designs
  - Process Engineering
  - Electrical Engineering
- **Electrical & Power Engineering**
  - Power Engineering For Substation T&D
  - Power Automation, Monitoring & SCADA
  - Electrical Testing & Commissioning
- **Architectural & Civil/Structural**
- **Federal A-E Design Service**
- **Design Packaging Solutions**
- **Rotating Equipment Control System**
- **Environmental Information Systems**
- **Energy Sustainability & Microgrids**
- **Industrial Water Treatment**
- **Capital Project Management**

### Centers Of Excellence



### Our Alliance Partners



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**Corporate Capabilities**