



Unified Theory, Inc.

**Innovative Engineering &
Management Solutions**



Serving
Industrial Clients
with Engineering and
Architectural Resources, Solving
Processing and Facility

- ✓ **Save Time**
- ✓ **Save Money**
- ✓ **Utilize Industry Experts**

Now you can expand and supplement your in-house resources capabilities
with out
hiring additional staff or purchasing expensive equipment...



Our Staff

- Our talented and diverse staff has many years of experience working in widely varied industries.
- Dedicated to giving our clients personal attention with multifaceted, state-of-the-art design services.
- Our Engineers, Architects, Designers, Consultants, and Construction Management Personnel work as your team to fulfill your project vision.
- Integrated Full-Service Engineering and Architectural capabilities allow for turnkey process of facility projects.



Services

The following is a short list of our Engineering Disciplines that we can provide to your company:

- Civil
- Architectural
- Structural Engineers
- Mechanical Engineers
- Electrical / Power Distribution
- Electrical / PI&C Engineers
- Metallurgy
- Chemical Engineers
- Thermal Process Modeling and Equipment Sizing
- Process Engineering
- PSMs, PHAs, PSSR's Including Audits
- Project Management
- Construction Management
- ACAD Systems, Mechanical Desktop 2004, Rebis and MicroStation
- Design Build



Why UTI?

- Majority of Engineers have 25 – 40 years experience
- Key Professional Engineering Skills to Compliment Your Business and Manufacturing Needs
- Focus on Improvements that Drive Productivity Increases through Cost and Design Control
- Foster Teamwork and Collaboration through Effective Communication in the Midst of Change
- Focused and Flexible Company with Rapidly Deployable Resources
- Knowledge of Industrial Standards and Specifications.

Save Time & Money

*When Utilizing our
"Industry Experts"*

Unified Theory, Inc.



Locations:

Brookings, SD
605-691-5889

Camarillo, CA
805-389-7420

Decatur, IL
217-876-7730

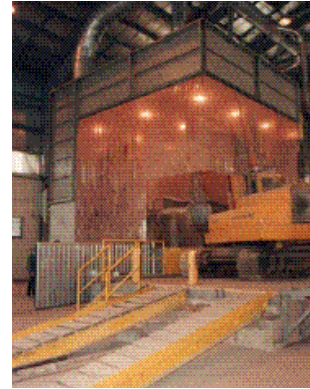
Kohler, WI
920-467-1440

Madison, WI
608-825-4959

St. Paul, MN
651-578-8100

Professional Services Provided by UTI

- Full Service Engineering for Industrial Facilities and Processes
- Preliminary Engineering and Development of Appropriation Grade Engineering Estimates
- Development of Process Flow Drawings & Process Instrumentation Drawings
- Project Management
- Construction Management
- Process Optimization
- Process Modeling with ChemCAD
- Process Modeling Empirically
- Process Hazard Analysis (PHA)
- Process Safety Management (PSM)
- Process Safety Management Audits
- Pre-Startup Safety Reviews (PSSR)
- Incident Investigations
- Technical Training
- Commissioning, Shake Down and Start Up
- Due Diligent Reviews for Acquisitions
- Temporary Technical Resources, i.e.
 - ✧ CAD (ACAD-2004, Mech. Desktop 2004, Rebis, and MicroStation)
 - ✧ Engineering & Design
 - ✧ MIS
 - ✧ PLC-Programming
 - ✧ Project Scheduling
 - ✧ Technical Writing
 - ✧ Training



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Specific Process Expertise (Partial Listing)

- Web Coating Systems, Web Converting and Slitting Systems
- High Tech. Manufacturing
- Pharmaceutical Processes
- Research Labs
- Clean Rooms (class 10 through 100,000)
- Dry Rooms to -60° dew-point
- Ultra Pure Water Systems
- High Temperature Water and Hot Oil Systems
- Food Processing (USDA, FDA & AIB)
- Beverage Processing (FDA)
- Sanitary Designs
- Agricultural Processing
- Agricultural Solvent Extraction Facilities and Process Systems
- Grain Milling and Processing
- Personal Care Products Manufacturing
- Volatile Organic Material Handling and Destruction (T.O.s)
- Specialty Gas Systems
- Solvent Storage and Unloading Facilities
- Hazardous Chemical Materials Processing and Handling Systems
- High Speed Packaging and Equipment Optimization
- Blow Molding and Extrusion Molding
- Burner and Blower Designs
- Compressed Air Systems
- Industrial Ventilation Systems
- Process Systems
- Batch and Continuous Liquid Processing Systems
- Calciner Design and Process Systems
- Sand Milling and Mixing Systems
- Process Safety Management for Covered Processes



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List Of Recent Projects by UTI

- Improving VOC Capture Efficiency
- Beta Gauging Systems
- Relocation and Consolidation of Web Handling Facilities and Processing Lines
- Filtration Paper Coating Process
- Coater Process System Upgrades with Doctor Die Blades and Knurl Rolls
- High Speed Packaging and Equipment Optimization
- Milling and Particle Clarifying
- Extrusion Process Manufacturing
- Inline Moisture Process Control and P&ID (Process Dwgs) Development
- Development of Pulp & Paper Plant P&ID Drawings
- Development of Process Flow Drawings & Mass Balance
- Pharmaceutical Plant Process Layouts and Certification
- Tether (Life Line) Certification
- Foamer Web Mfg Process
- Calendaring Roll Design and Consultation
- Overhead Material Handling Systems and Hoist Certification
- Polyester Fiber Handling System
- Trim/Weed Conveying System
- Pharmaceutical Process Design
- Ammonia Engine Room Redesign and Certification
- Sewer System Design
- Solvent Storage and Unloading Facilities
- Solvent Extraction Systems and Design
- Construction Management for Chemical Plants, Food Plants and Greenfield Facilities
- Furnace Gas Train Evaluation and Design
- Gas Train Design and Specifications
- Laminator and Sputter Platform Equipment Design
- Automotive Plant Expansions



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Unified Theory, Inc. Locations



LEGEND

- Offices
- Locations where our Associates have provided professional services.

Offices:

Brookings, SD	(605) 691-5889
Camarillo, CA	(805) 389-7420
Decatur, Illinois	(217) 876-7730
Kohler, Wisconsin	(920) 467-1440
Madison, Wisconsin	(608) 825-4959
St. Paul, Minnesota	(651) 578-8100

Web Site: <http://www.unifiedtheory.net>



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