



SynTerra process engineers have experience in the chemical and pulp and paper manufacturing sectors. We leverage our vast process knowledge to help clients meet business objectives. We partner with them to improve cost-effectiveness by optimizing process conditions and minimizing environmental impacts.

Process optimization and a reduced footprint can go hand-in-hand.

SynTerra process engineers help industrial, manufacturing, and chemical industry clients optimize plant operations while complying with increasingly complex and stringent environmental regulations. Our engineers investigate process conditions to evaluate options for optimizing environmental controls and modifying processes.

We work collaboratively with our clients to develop a strategy and a tactical plan for implementing proposed process modifications, as necessary. Our emphasis is on reducing the client's operational footprint, which in turn can reduce the cost of environmental compliance and potential liability.

We assist facilities in a variety of tasks, including:

- Process optimization
- Process alternatives evaluations
- Troubleshooting
- Process modification and expansion permitting and negotiations
- Process design and specifications
- Process control
- Process Safety Management documentation
- Process hazards analysis
- Environmental Management System implementation
- Risk Management Plan documentation
- Health and safety programs
- Industrial hygiene studies
- Training and program documentation
- Chemical Facility Anti-Terrorism Security (CFATS) Audits
- CFATS Site Vulnerability Analysis
- CFATS Site Security Plans
- Program documentation
- Ventilation System Assessment

