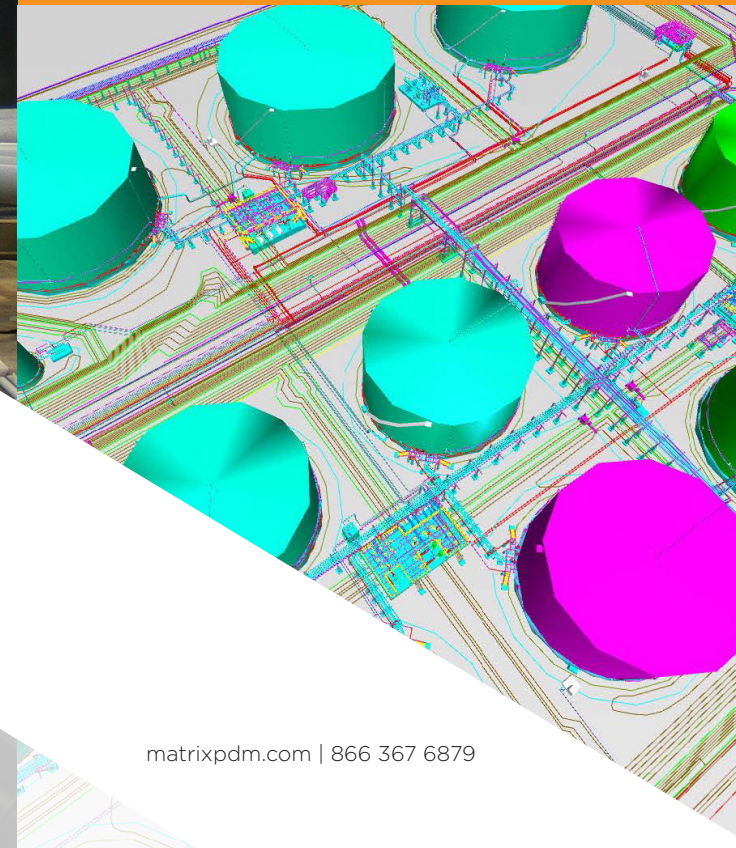


# LIQUID HANDLING & STORAGE EPC SOLUTIONS

Our liquid terminal experts understand the challenges and regulations our clients face. Whether delivering greenfield facilities, new storage capacity at existing terminals, blending systems, metering systems, or loading/unloading facilities, our designs meet industry standards, operational needs, and budget requirements. Matrix PDM is a member of the International Liquid Terminal Association (ILTA).

From terminal expansions and tank design to the development of greenfield facilities, Matrix PDM designs solutions to move and store your liquid products.

**A HIGHER STANDARD IN ENGINEERING.**





# LIQUID PRODUCT SPECIALISTS

Matrix PDM Engineering provides comprehensive, EPC solutions with industry-leading expertise in aboveground storage tanks and terminals. From conceptual layout through final design, construction and commissioning, our experience encompasses fundamental components liquid product storage, handling, blending, loading and receiving.

## Services

- Feasibility studies and conceptual development
- Economic analysis and facility cost estimates
- Preliminary and final design
- API tank design and inspection
- Permitting support
- Procurement services
- Project and construction management
- Construction
- Start-up and commissioning

## Products

- |             |                |                |
|-------------|----------------|----------------|
| • Gasoline  | • UAN          | • Sulfur       |
| • Biodiesel | • Kerosene     | • HFO          |
| • Crude Oil | • Naptha       | • Methanol     |
| • Asphalt   | • AGO/VGO      | • Ethane       |
| • Caustic   | • Condensate   | • Propane      |
| • Ethanol   | • NGLs         | • Organic acid |
| • LNG       | • Diesel fuels | • Chemicals    |
| • LPG       | • Jet fuels    | • Resin        |

## Design expertise

- Site layout
- Foundations and secondary containment systems
- Foam and water fire protection systems
- Environmental and regulatory standards
- Heat tracing and insulation systems
- Rail, ship, barge or truck loading and receiving systems
- Transfer pumps, piping, racks, and manifold design
- Power distribution and controls
- Floating roof conversions and retrofits
- Vapor recovery systems and conversions
- Tank gauging and automation systems
- Pigging systems
- Blending and mixing systems
- Marine structures
- Ancillary buildings

