

Senergy Holdings – System Architecture Overview

1. Introduction

The architecture of Senergy Holdings' digital and operational systems is designed for scalability, resilience, and security. It integrates refinery operations, logistics management, trading platforms, and analytics solutions into a unified enterprise system.

2. Key Components

- **Refinery Operations Layer**: Real-time process control and monitoring.
- **Logistics Layer**: Tank farm, pipeline, and fleet management systems.
- **Trading Platform**: Integrated trading and risk management (ETRM).
- **Data & Analytics Layer**: Centralized data warehouse, predictive analytics.
- **Security & Compliance**: Role-based access control, cybersecurity safeguards.

3. Benefits

- Enhanced operational efficiency
- Seamless data integration
- Improved decision-making with real-time insights
- Stronger compliance and risk management
- Scalable and future-ready infrastructure