



Operating Plant and Systems Professionals

Inc.

'Your Increased Profitability is Our Bottom Line'

ROY H. LANE

SENIOR-LEVEL ENTERPRISE AND INDUSTRIAL CONTROL SYSTEMS ARCHITECT

Professional Degreed Engineer with results orientation and passion for building high performance teams able to deliver solutions spanning IT and Industrial Control Systems. Brings 30 plus years of expertise in aligning technology with business needs at corporate headquarters, R&D and marketing centers and large manufacturing facilities in the refining, chemicals, plastics and pharmaceuticals industries. Control systems experience includes DCS, SCADA and terminal management systems.

PROFESSIONAL EXPERIENCE

CELANESE CORPORATION, Dallas, TX

1977 - 2003

A unique career comprised of strategy, plan, design and build experience for IT and Industrial Control Systems (ICS)

- Developed strategy for SAP and non-SAP plant centric applications to integrate functions including operations, mechanical integrity, facility enhancement and administrative
- Performed lead architect role for all aspects of business and process control systems resulting in increased operational effectiveness
- Managed six multi-million dollar process control modernization projects involving manufacturing of commodity chemicals and engineering polymers to achieve a flexible, maintainable plant-wide control system standard
- Introduced PLC based control and Emergency Shutdown Systems (ESD)

FACILITATED INTEGRATION TECHNOLOGY, INC. (FIT), Flower Mount, TX

2003 - 2005

Consultant assigned to Tesoro Corporation; San Antonio, Texas Headquarters, 2004 - 2005

Traveled to Tesoro's six refineries and documented applications architecture in seven weeks

- Assessed refinery applications and presented standardization and consolidation opportunities
- Prepared standards and guidelines for Refining IT and IT Infrastructure Groups

Consultant assigned to Western Refining; El Paso, Texas Headquarters, 2003 – 2004

Led teams for IT portion of Western Refining's startup as an independent refining company through acquisition of the Chevron El Paso refinery

- Delivered IT and terminal management systems for Day One operation under Western Refining
- Achieved accelerated 30 day schedule to cutover from Chevron to market leader terminal management system including integration with instrumentation and control equipment such as PLC, card readers, presets and additive injectors, ERP system for customer billing and third party SaaS solution for credit authorization and Bill of Lading (BOL) transmission
- Configured all aspects of terminal management system for a multi-stakeholder terminal including loading bays, loading interlocks, products, recipes, customer hierarchy, customers, carriers and drivers
- Doubled product throughput at marketing terminal via throughput analysis and streamlined automation

TESORO COMPANIES INC., San Antonio, TX**2005 – 2015**

Ranked 75th in 2014 Fortune 500, Tesoro is a leading independent refiner and marketer of petroleum products within the oil and gas industry, with \$37.6B in annual revenue.

Strategy and Enterprise Architecture Director, 2012 - 2015

Led a Strategy, Governance and Architecture department of 25 with four director level staff delivering strategies for all business capabilities and IT functions.

- Strategies for technology and information enabled business capability improvements to add value
- Strategies for technology management to optimize retained services, manage IT spend according to spend tolerance and manage IT reliability according to risk tolerance
- Programs for compliance and cyber security to manage information risk according to risk tolerance
- Programs for communication and workforce planning to build high performance teams

RESULTS INCLUDED:

- Built a high performance team comprised of enterprise architects, cyber security and compliance professionals and business management professionals serving in an office of the CIO capacity
- Introduced Lean Six Sigma based technology management
- Led development of enterprise strategy for information risk and cyber security
- Extended cyber security strategy coverage to operational technologies such as DCS and SCADA

Enterprise Architecture Director, 2005 – 2012

Introduced an inclusive, collaborative service for selection of business applications and technologies to influence enterprise architecture at the point of investment

- Built a high performance team of Enterprise Architects and introduced strategy, assessment and planning services adopted across the enterprise
- Introduced an enterprise capability improvement framework and facilitated business led creation of IT strategies encompassing the value chain including commercial, refining, logistics and marketing

EDUCATION AND RECENT PROFESSIONAL DEVELOPMENT

BS, Electrical Engineering, The University of Texas at Austin, Austin, Texas

Lean Six Sigma Certification (2014)