



THAILINE RESOURCES LTD.



CONTENTS

- ▶ **About our company**
- ▶ **Our products & services**
- ▶ **Our company facilities**
- ▶ **Our clients & business partners**



ABOUT OUR COMPANY

2007

Established as a founding investor in an independent Oil and Gas well services provider in Thailand providing slickline, electric line and well operations support services. Soon after Explosives & H2S support license management, sales of seismic explosives were added to ThaiLine business line.

2010

Entered an agreement with Technical Petroleum Training Institute (TPTI)1 to provide services and training programs at Sirikit Oil Field (S1), straddling Kamphaengphet, Phitsanulok, and Sukhothai provinces.

2016

Obtained the **1 of the only 10 trading permit** from the Ministry of Interior to be able to store explosives in-country and supply to customers in Thailand.

Since late 2016 we have focused on building up our sales of products for Enhanced Oil Recovery, with several principals recently joining us.

ThaiLine officially becomes a distributor of Diamondback Industries and DynaEnergetics products.

2017

Obtained the **DMF Privilege under section 69-70** of the Petroleum Act B.E. 2514 (1971)

Partnered with Thru-Tubing Systems, Inc. (TTS) to establish Thru-Tubing System Asia (TTS-A) which will promote and stock TTS Products in the SEA region based in Bangkok.

Partnered with Manutechs who is Specialists in industrial automation for manufacturing industries, to provided IT and Software services

Became a business partner with Real Time Measurement (RTM) to distribute the pressure gauge in the Thailand market.

2018

ThaiLine officially becomes a distributor of Enercat in the AsiaPac market.

2020

Continue delivering high quality products and services to the Oil & Gas industry

Now ThaiLine is the country wide recognized private sector expert in explosive licensing

2021

Partnered with Reservoir group and Black Mamba Rod Lift.

Entered under **Southern Region Industrial Estate Songkha Province – Free Zone Area**

Obtained a **certificate as an entrepreneur in a free trade area**

Supply safety equipment such as gas detector from Blackline Safety brand



2022

Adding more products line into business.

Distributor of Giant Oil Tool and Silver Fox, the completion Tools.

Distributor of SRTP, the Reinforced Thermoplastic Pipe [Specialty RTP-Non Metal Tubing]

Distributor of Bohai Equipment New Century Machinery Manufacturing Co.,Ltd. for supplying Sucker Rod.

2023

Became a Sales Representative serves as the Exclusive Authorized Agent for **Deacero** E-line Cable throughout Asia.

OUR SERVICES AND PRODUCTS



Explosive license management
Export/Import/Storage/ Usage/Movement/ Disposal of explosive in Thailand.



Thru-Tubing Systems Asia
Thru-tubing System Product



Black Mamba New designed rod guide



Seismic Service
Land & marine seismic Data Processing, QC & Data management



Completion Tools
Packer, TRSV, Completion accessories



Seal-Tite
Sealant Technology, sealing solution



Diamondback Industries
Self-setting bridge plug



Solution for wax, scale, asphaltene



TGT Diagnostics
Well Integrity Tool



DynaEnergetics
Explosive products, wireline hardware & accessories



RTM / GEOPSI
Downhole Monitoring



ITT-BIW Penetrator
Wellhead penetrator, Packer penetrator, Mechanical splicing



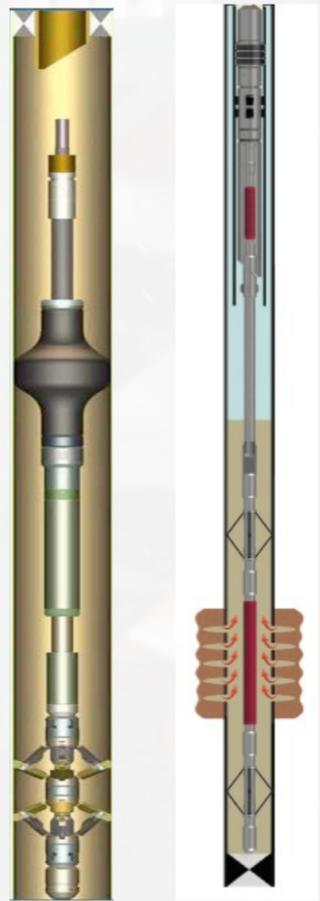
Deacero
E-line cable

EXPLOSIVE LICENSE MANAGEMENT

- ▶ **Full service of all permit and license for explosive as per requirement of Gun, Bullet, Explosive, Firework and Imitation Weapon Act 1947 under Ministry of Interior and Armory Control Act 1987 under Ministry of Defense.
(Import / Export / Usage / Disposal)**
- ▶ **Professional freight management, permit application, and transportation service for inbound and outbound explosive**
- ▶ **Explosive inventory management**
- ▶ **Explosive Storage**



OUR SERVICES AND PRODUCTS



- ▶ Thru-Tubing Gravel Pack (TTGP) Sand Control Completion Systems
- ▶ Plug & Abandonment (P&A) Product & Service
- ▶ Thru-Tubing Packers & Well Intervention System
- ▶ Wireline Plug Back Thru Tubing Bridge Plug
- ▶ Engineering and design services (Special projects)



- ▶ Eliminator Plug : Self-Setting Bridge Plug
- ▶ Disposable Setting Tool, Explosive Setting Tool, Power Charges



► **Pipe Recovery**

► **Perforating Gun Hardware & TCP**

► **Explosive products**



Unconventional Systems

Unparalleled flexibility when designing unconventional wells. DS perforating systems are also the lightest and most compact on the market, meaning more clusters per stage and more stages per day.

Conventional Systems

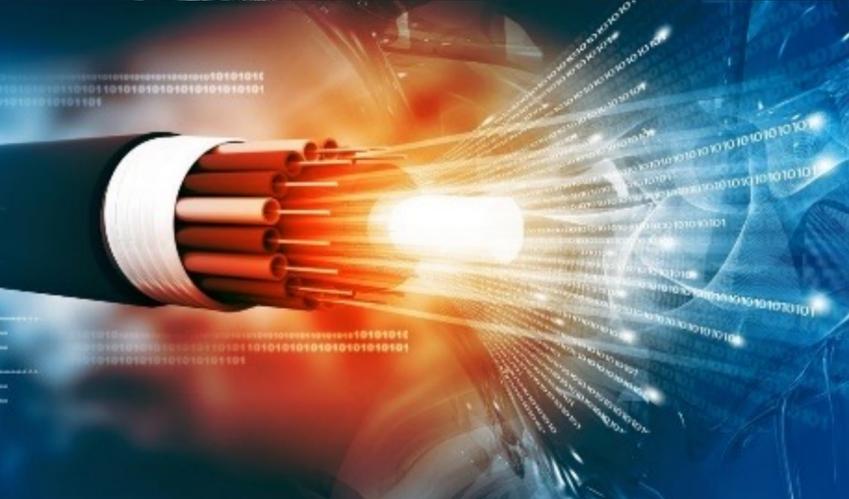
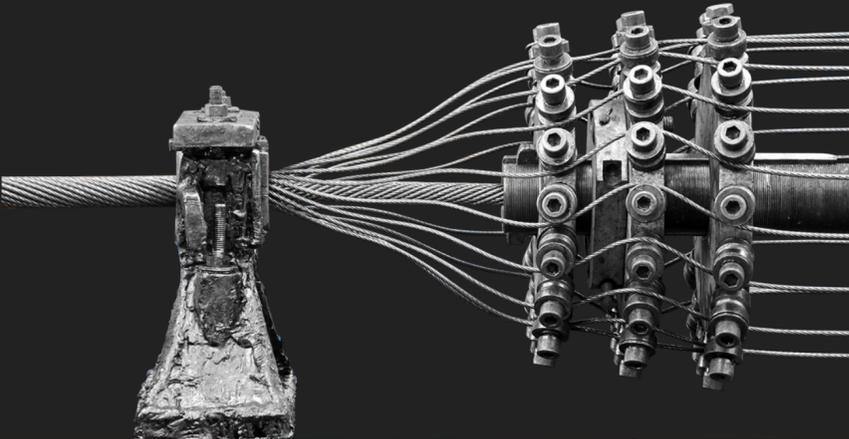
Available in a wide range of configurations, from Hollow Carrier Gun Fragmenting Gun Systems, there is always a DynaEnergetics solution for each well design and completion layout.

Specialty Systems

Unique solutions such as our DynaSlot™ perforating system, provide peace of mind in well abandonment, while our Igneo™ initiating system has you covered in high temperature mining applications.

Shaped Charges

DynaEnergetics' formation-tuned shaped charges are designed specifically for today's complex unconventional wells. They deliver uniform entry holes, regardless of position within the well casing.



Deacero E-Line Cable

- ▶ One of the largest manufacturers of cable for the Oil & Gas industry.
- ▶ manufacturing processes comply with several certifications in the US and Mexico that guarantee quality, security, and durability requirements of different industries.
- ▶ Cables are manufactured under ASTM A475 and A363 standards.



OUR SERVICES AND PRODUCTS

▶ Memory Gauge

▶ Permanent Downhole Gauge

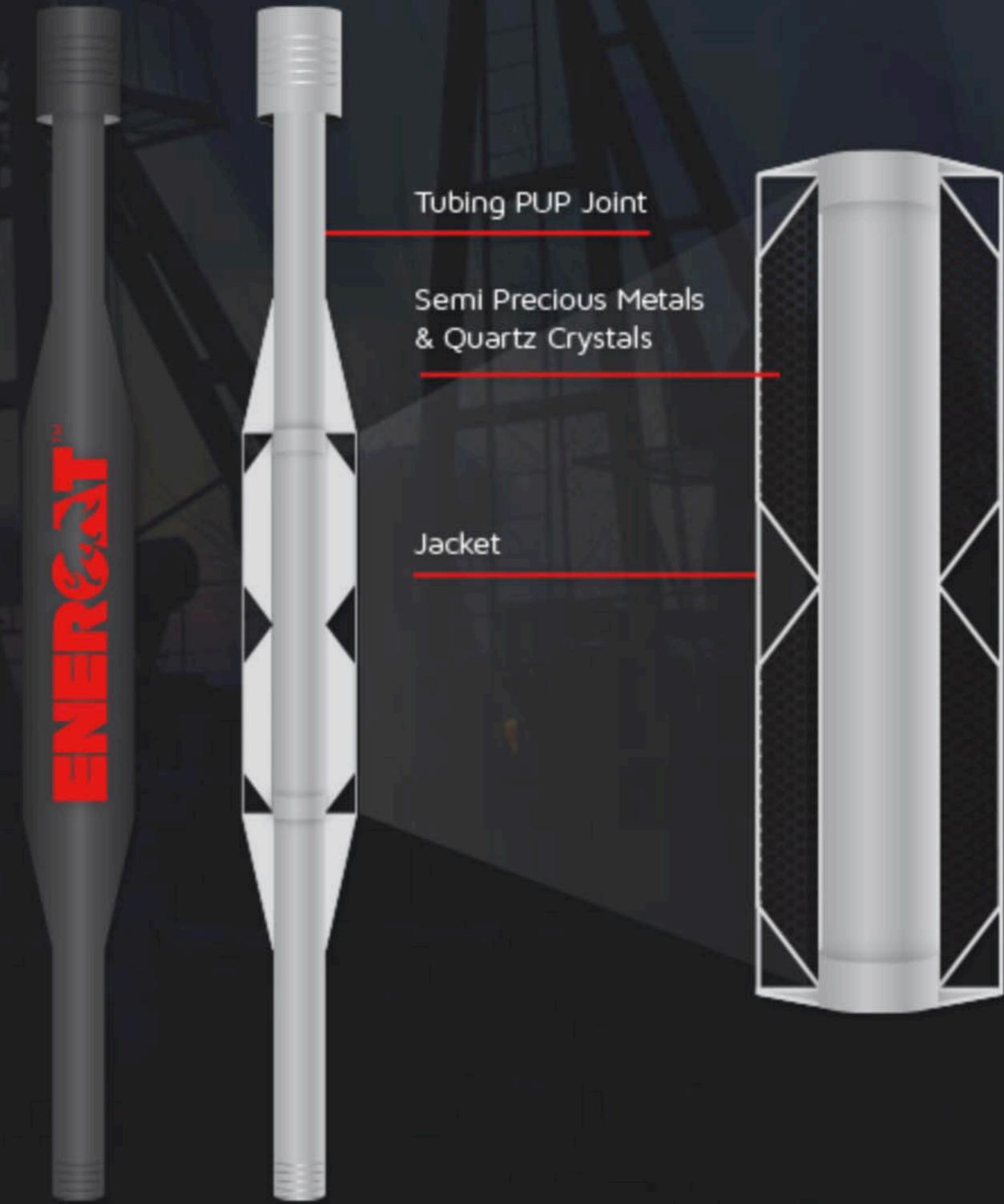
▶ Ancillary Support



REDUCE OPERATING COSTS

Save money AND the environment with cutting edge Oil and Gas production optimization

- ▶ **Solution for wax, scale, asphaltene**



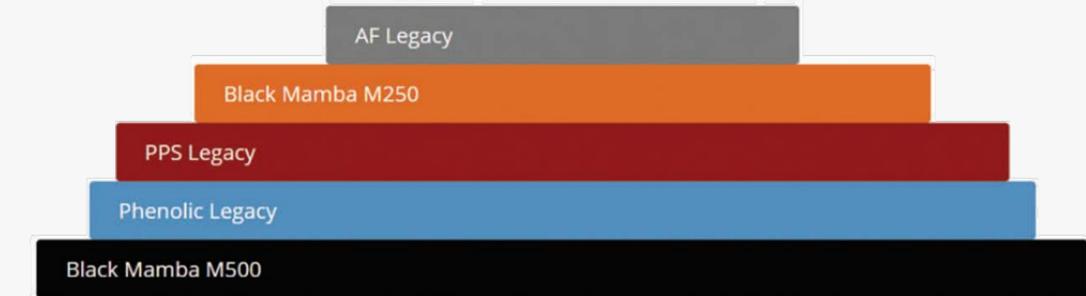
Highlights

- Complete rod control, an industry first
- Sucker rod instability, buckling, and bending moments completely eliminated
- Direct substitute of legacy sucker rod guide products
- Engineered materials for wear, temperature, and immersion service
- Creative design, maximizing plastic wear rate and erodible wear volume
- Hydrodynamic design, minimizing erosion/corrosion behind the guide
- Cutting edge manufacturing; proactive manufacturing control system & cure insurance
- Absolute traceability - each component is laser etched with serial number

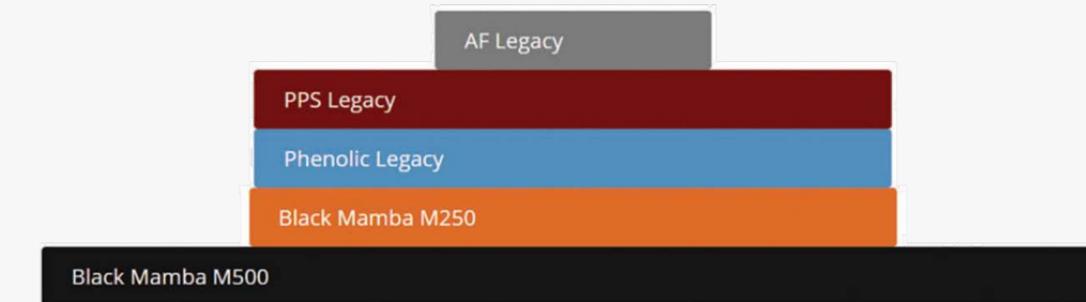
Services

- String design influenced by solid understanding of Black Mamba and traditional string dynamics
- Material science and selection based on basin specific basin demands
- Offering complete well packages from polished rod to the down-hole pump
- Generating reliability in the most difficult wells

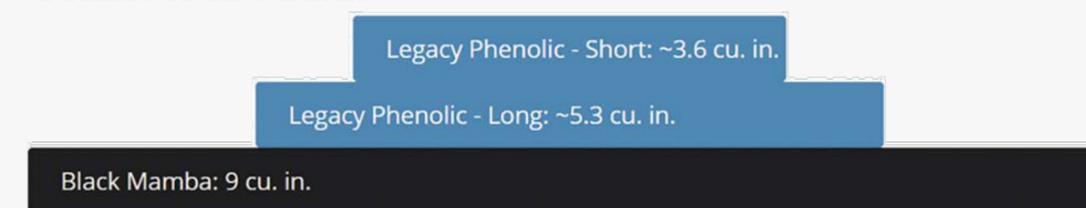
Product Temperature Rating



Product Wear Life



Erodible Wear Volume



► Complete Well Integrity Solutions

- Cased Hole
- Open Hole
- Distributed Fiber-Optic Sensing



ARRAY NOISE TOOL (ANT)



ACOUSTIC LEAK FLOW ANALYSER (ALFA)



ENHANCED PIPE DETECTION TOOL (ePDT)



MULTI-FINGER CALIPER (MFC)



MAGNETIC THICKNESS DETECTOR (MTD)



RADIAL BOND TOOL (RBL)



CONTINUOUS FLOWMETER (CFM)



PRESSURE-TEMPERATURE-FLOWMETER (PTF43)



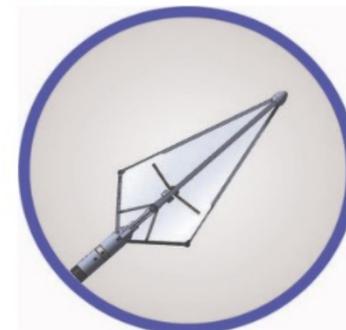
COMBINED WATER HOLDUP TOOL / DENSITY TOOL (QCD)



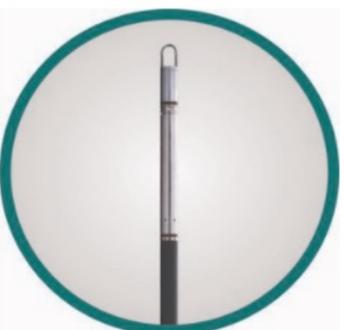
QUARTZ PRESSURE TOOL (QPS)



INLINE FLOWMETER SUB (IFS)



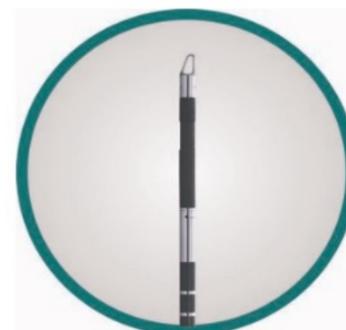
FULLBORE FLOWMETER (FBM43)



ARRAY INDUCTION LOGGING TOOL (AILT)



DUAL INDUCTION LOGGING TOOL (DILT)



DUAL LATERAL LOGGING TOOL (DLLT)



AURORA PRO- PORTABLE MM DTS



VIABI PORTABLE - DUAL WAVELENGTH SM DTS

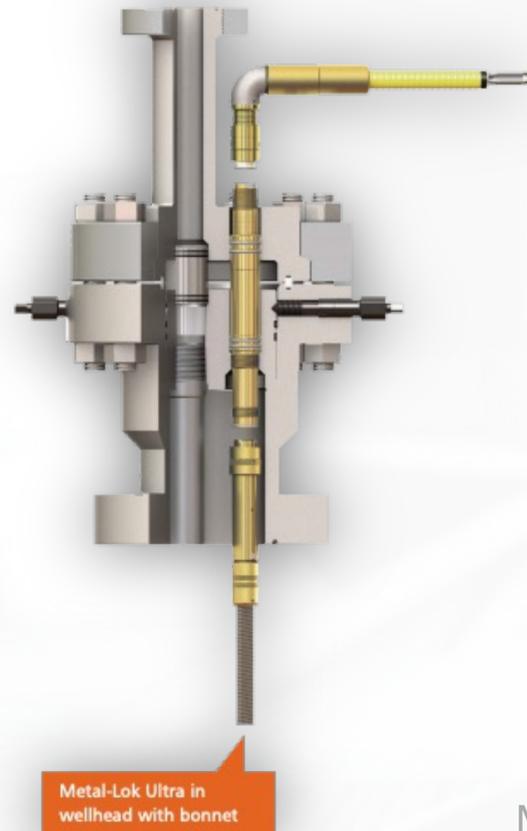


AP SENSING - MM DTS

Electrical Penetrator Systems for Oil and Gas Wells

- ▶ **Wellhead Penetrator**
- ▶ **Packer Penetrator**
- ▶ **Mechanical Splices**

Wellhead penetrator



Packer penetrator



Mechanical splices



Chemical Products

OUR SERVICES AND PRODUCTS

Separation Technology

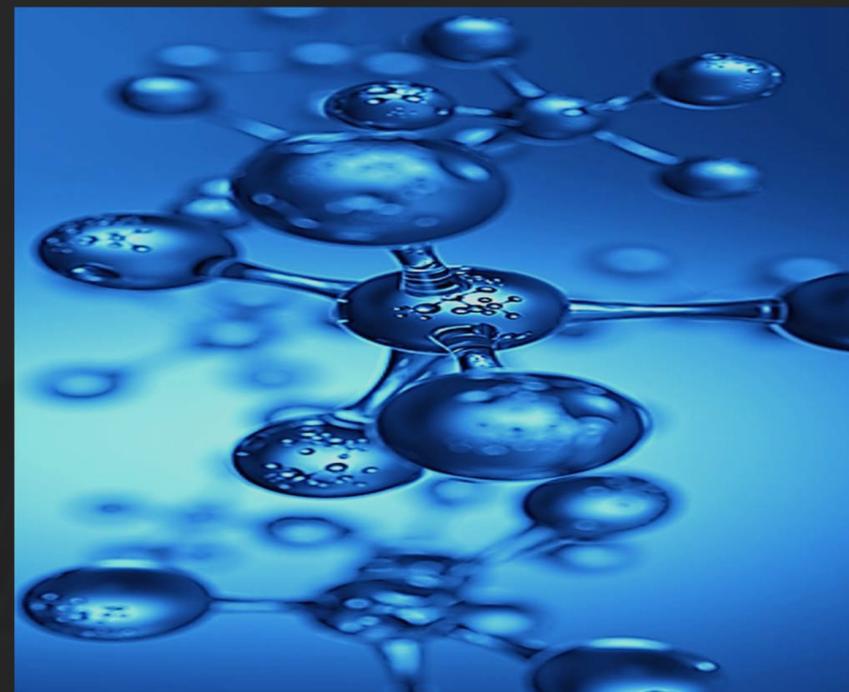
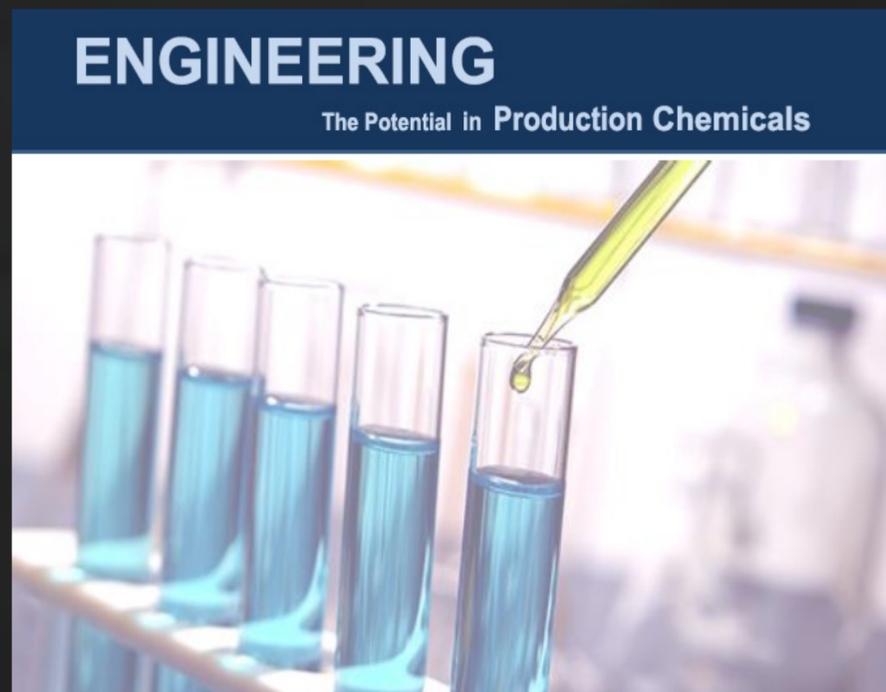
- ▶ Descaling
- ▶ Dewaxing
- ▶ Demulsifier
- ▶ Deoiler
- ▶ Sludge Breaker

Integrity Chemicals

- ▶ Corrosion Inhibitor
- ▶ Biocide

Complementary Chemicals

- ▶ Triethylene Glycol (TEG)
- ▶ Vanadium Pentoxide
- ▶ Triethanolamine (EA)
- ▶ Methyl Diethanolamine (MDEA)
- ▶ Hydrogen Peroxide 50%
- ▶ Catalyst Ari 100 EXL
- ▶ Potassium Hydroxide 45% (KOH)
- ▶ Diethanolamine (DEA)
- ▶ CMC Hivis
- ▶ Rig Wash 5410
- ▶ Ethyl Mercaptan
- ▶ Diethylene Glycol
- ▶ Mono Ethylene Glycol



Information Technology and Software

▶ Automation Systems

proven project execution methodology ensures success in PLC, DCS, HMI and SCADA implementations.

▶ Management Information Systems

specializes in Batch Management, MES and Enterprise Integration Software implementations.

▶ Industrial Internet of Things

connects sensor data with big-data analytics to save money, improve efficiency and lessen environmental impact.

▶ High Availability Solutions

high availability solutions monitors on-premises system performance and stability to prevent failures before they occur.

▶ Audit, Training & Certification

provides audits and training programs on HAZOP, validation, compliance and cybersecurity.



▶ **Bangkok Office Location**

444 Olympia Thai Plaza, 5th Floor, Ratchadapisek Rd.
Samsennok, Huay Kwang, Bangkok

▶ **Lan Kra Bue Location**

Moo 8, Lan Krabue, Lan Krabue, Kamphaengphet

▶ **Songkhla Location**

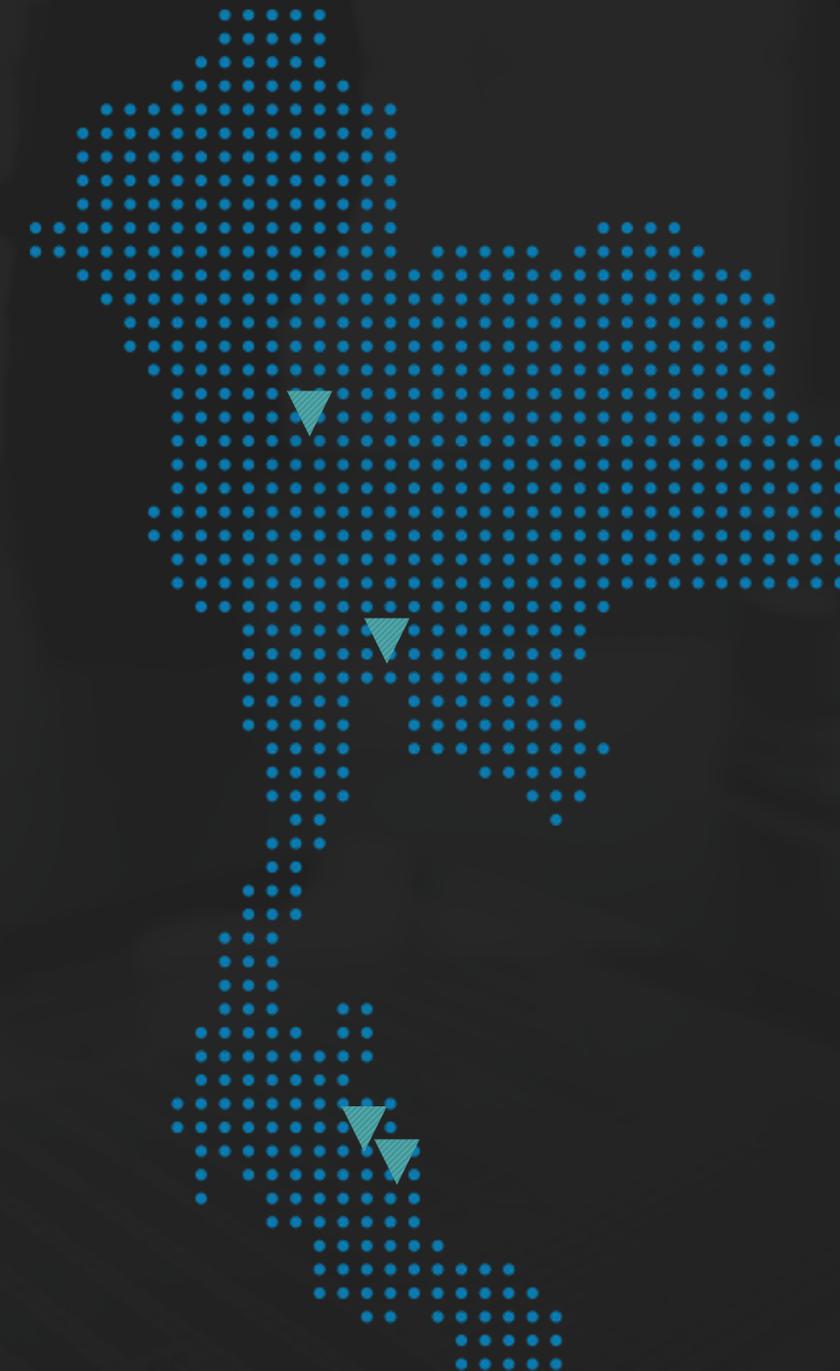
132/7 Moo 1, Khao Rup Chang, Muang Songkhla district, Songkhla

▶ **Southern Region Industrial Estate Songkhla Province – Free Zone Area**

89/2 Moo 4, Chalung Sub-district, Hatyai district, Songkhla



OUR COMPANY FACILITIES



OUR COMPANY FACILITIES



- ▶ **SRIE , IEAT (Freezone) Hatyai Facility can support stocking without import tax before delivery**



- ▶ **Songkhla Workshop / Storage facilities are more than 2,000 sq.m. of building area**
- ▶ **LKU facility (under planning) is to be utilized for stocking completion equipment**

TL PAST AND PRESENT CLIENTS



ThaiLine has been successfully provided high-quality products and services to more than 30 Clients in the SEA region.

BUSINESS REPRESENTATIVE



We are a membership of organisation promoting the highest standards of excellence in the explosives industry.





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THANK YOU