

Company Profile

Services

KTT Hightech Co., Ltd. is a Consultancy Company providing the client **Key Technology Topics** to implement High-tech Solutions in professional Environments and Applications, mainly operating on five core scopes.

1. Process Design

Good process design helps to increase plant and production operational safety. The return of an optimized and carefully designed process is an increase of quality, a reduction of waste and savings of resources and costs. It facilitates earlier return of investment and therefore a higher benefit. We help you to improve your process, to make it more economic and to reduce downtime by process optimization or advanced process control design.

2. Selecting and Implementing High-tech Machinery and Equipment

The most carefully designed process and the best IT solutions will not offer long term profit and operational safety if equipment of wrong choice has been selected. Our international contacts to several equipment and machinery vendors allow finding the best and costing optimized solution.

3. IT Expertise

Industrial environment and quality assurance makes the implementation of professional Manufacturing Execution Systems (MES) necessary to comply with the International Standard (ANSI/ISA S95) which defines the terminology and models used in the integration of business systems and the Quality Assurance Standard (ISO). We offer the implementation of low cost as also enterprise wide IT solutions.

4. Change Management

Well defined business process structures are still items which are neglected in emerging markets and new founded enterprises. Most of such enterprises organised in the old hierarchical fashion, well known from the time of industrialisation in Europe are failing due to inadequate, untimely, unproductive and inefficient business processes. KTT provides expertise in business process improvement, business process engineering, business process reengineering and in changing NPL companies in PL companies. Change Management is including all major management processes which are fundamental to determining the success and efficiency of every business.

5. Business Consultancy

KTT is essentially providing assistance in business decision making issues, faced by most business owners. The advisory ranges from adequate sources of funds, technology selection and identification of economic and low risk processes in each operation field. We are also concerned with organisation structures, having the "right people in the right

job” and cost effective management of the operation. If necessary, KTT provides assistance in company establishment and BOI applications.

Objectives

Focusing on *Plant Design, Commissioning, Start-up, Plant Revamping, Change Management and Quality Assurance* our approach is to offer economic, customized solutions. With our team of experts we conduct expert assessments and issue survey reports on market and project analysis to make clients decision for new investments easier. Our turn-key assistance is to provide the clients with support in making the right financial and production decision, manage the technology selection, implementation and operation. Our objectives are to find economic and environmental friendly solutions and to improve selected technologies.

Management

The management consists of highly experienced peoples working for many years in senior management positions in industries such as, financial institutions, aviation and industrial enterprises such as Petrol-, Polymer- and Paper Chemistry, Food, Telecommunication, Fragrances and Flavours, Building Automation.

Management Profile

Dr. Gilles Baenziger (Managing Director)

Dr. Gilles Baenziger, a Swiss citizen takes the responsibility as Managing Director of KTT. In Thailand, Dr. Gilles operates in function of Engineering Consultant for different companies. His extensive experience includes participating in several leading functions in internationally operating Swiss enterprises as Sulzer Chemtech AG or the Ems Holding. His solid education an excellent practical understanding of Project Management includes Process, Safety and Hazardous Risk Operation Analysis and is an asset for technical risk assessment and process research and development. In the past 10 years Dr. Gilles has worked in more than 8 countries worldwide in functions like Research & Development Manager, Start-up Manager and Project Manager.

Dr. Gilles' educational background is trained as a Chemical & Process Engineer. He has a Master Degree in Chemical Engineering and a PhD in Science & Technology, both from Federal Institute of Technology Switzerland. He is also a certified Safety Engineer for the Chemistry and Petrochemistry and has training in Business Administration for Engineers. In function of Start-up Manager in China, Thailand, USA and South Africa Dr. Gilles had the opportunity to implement his theoretical and practical expertise into successful operations.

Ms. Amanda Baenziger (PR & Service Manager)

Ms. Amanda Baenziger is Thai national and takes the responsibility as public relation manager to follow up KTT's administrative and public affairs and the contacts to the authorities. Ms. Amanda was working as Quality and Service Manager for many years in the Plastic Industry and the Service sector. Her extensive experience in Quality Management and Human Resource Management is an asset for corporate administration.

I.P. Singh (Executive Engineering Consultant)

I.P. Singh is an Indian Engineering Professional with over 13 years of extensive experience in Operation of Petrochemical Plant & IT Data Centre - Polyester, Textile, Dyeing & Weaving Operations, Facilities, Electrical & Instrumentation, Mechanical Expert, SCADA BMS and DCS. Furthermore his extensive experience extends in fields of Polyester Plant Operation, Plant Trouble Shooting, Fire & Safety Equipment Remedy, Internet Data Center Operation, Purchasing, International Sales, Engineering Field-Erection, Commissioning, Start-up and Preventive Maintenance cooperating with different Technology Suppliers.

Alexander Wenzel (Executive Engineering Consultant)

Alexander is a German citizen living the past 8 years in Malaysia. Alexander is specialized in process and mechanical adjustments on cutter systems. He was working 10 years for Rieter Automatic as service and start up engineer.

Max A. Braendli (Executive Business Consultant)

Max is a Swiss and Belgian citizen with an Executive MBA degree. He resides in Thailand. His work activities extend throughout Asia including the Middle East and the Pacific region. His extensive experience includes downsizing, closing, set-up and reorganization of companies. He also works as Interim Manager for European and American companies in the region. He has broad knowledge of the different cultures of most of the Asian countries including China. As a former Financial Director of worldwide operating companies, he has profound knowledge of US-GAAP and IAS / IFRS.

Dr. Raoul M. Waldburger (alevo ag Senior Consultant and Interim Manager)

Raoul is a Swiss citizen with a solid background of Engineering and Management Consulting. He holds a Master Degree in Chemical Engineering, a PhD in Science & Technology of ETH Zurich and an Executive MBA degree of University St. Gall, Switzerland. He resides in Switzerland. His work activities extend throughout Eastern Europe. His extensive experience includes M&A projects, privatizations, downsizing, closing, turnaround and reorganization of companies. He also works as Interim Manager for international companies. He has broad knowledge of the different cultures of East European countries. As a former Chief Executive Officer of worldwide operating companies, he has profound knowledge in management, M&S, production, purchasing and legal affairs.

Product Selection

Labmate R1

Labmate is a new, web-based software product for the administration of materials sampling and laboratory analyses in factory environments. Its clearly comprehensible and user-friendly structures, combined with a high degree of flexibility, assist you in your daily tasks in the context of quality assurance and process control. Its scalable architecture adapts easily to your performance requirements.

Witte Gear Pumps

Special Polymer-, Chemistry and Food Gear Pumps, designed complying customers demand. Besides new pump systems with all kind of gears spare parts for WITTE gear pumps which are stocked locally in Europe, USA and China service for other gear pump brands are offered.

Rieter Cutter Parts

We are ordering Cutter Parts & Systems from the worldwide leading Cutter Systems Supplier directly from its mother house in Germany. Our specialist located in Malaysia is supplying support on system revision and installation all around Asia.

Zimmermann Water Treatment

Zimmermann Verfahrenstechnik, a Swiss Company supplies industrial water treatment plants and systems on Diaphragm Electrolysis Technology. Selective amounts of Chlorine dioxide enable antimicrobial and antibacterial treatment of freshwater.

Siemens Electrical parts and Control Systems

In extension to our supplier for QA and APC software, Dynamic Systems, we provide technology from Siemens as P7 control systems or electrical parts and controllers.

Boilers and Energy Saving Systems from Thermax

If you have to think about energy saving or just want to replace your old boiler system or installing a new or an extension system we offer you the best solution from Thermax. With Thermax we are also able to work out solutions for your water treatment and co-generation systems using absorption chillers.

Metal Forming Equipment from Haeusler

The world leader in Metal Forming Technology, Haeusler Switzerland, is our supplier for big size machinery in the heavy industry.

Selected Contacts for the Polymer, Petrochemical and Machinery Industry

High Pressure Gear Pumps for polymer, extrusion, and chemical applications, Static Mixers for polymer, extrusion, and chemical lines, filters, valves, heat exchangers, control systems, heavy machinery and agitators for the polymer industry.

Selected Suppliers

Dynamic-Systems AG

Control Systems and special IT Design

<http://www.dynamic-systems.ch/>

Witte Pumps & Technology GmbH

Gear Pumps Supplier

<http://www.witte-pumps.com/>

Rieter Automatik GmbH

Cutter Systems & Parts Supplier

<http://www.rieter.com/>

Zimmermann Verfahrenstechnik AG

Water Treatment Plants and Systems on Diaphragm Electrolysis Technology

<http://www.zvt.ch/>

Siemens Ltd.

Control Systems and Electrical Parts

<http://www.siemens.co.th/>

Thermax Limited

Boilers and Energy Saving Systems

<http://www.tbwindia.com/> or <http://www.thermaxindia.com/v2/index.asp>

HAEUSLER AG

Metal Forming Machine Technology

<http://www.haeusler.ch/>

AREOPA

CM Change Management --- KM Knowledge Management --- IC Intellectual Capital

RA Risk Auditing --- PSG Public Sector Governance

<http://www.areopa.com/>

Professional Affiliations

Membership Chambers
Membership Int. Org.

Swiss Thai Chamber of Commerce
OSEC Business Network Switzerland – Pool of Experts, UNIDO
(United Nations Industrial Development Organization) – Pool of
Experts

Reference Selection

Year	Reference	Location	Industry	Solutions and services
2006	Dynamic Systems AG Dr. Hans Musch +41 (44) 4225250 http://www.dynamic-systems.net	Zurich, Switzerland	Polymer Industry	Design of an Advanced Process Control System (APC) for PE Process
2006	Barmag / Saurer Mr. Heinrich Dreyer +49 (21) 91671581 http://www.barmag.de	Pingdingshan (China)	Technical Yarn Plant	Start-up Manager, Process optimization, Laboratory installation
2005	ThermoEx Co., Ltd. Mr. Chalalai Smoesuk +66 (81) 8193849	Rayong, Thailand	Petrochemistry	TRIM Cooler and Alkylator Interstage Cooler Design
2005	Peroxythai Ltd. Dr. Sombat Pyharnvichitnooch +66 (38) 6836169 x 103 http://www.solvay.com	Map Ta Phut, Rayong 21150 Thailand	Peroxide production	Review of "Recalculation Hydrogenator Project"
2005	Electrowatt-Ekono (Thailand) Ltd. Mr. Alexander Skaria +66 (2) 6552676 http://www.energy.poyry.com/general/general_8_7.html	Bangkok 10400, Thailand	Power, Oil & Gas	Consulting services, process design.
2005	ThermoEx Co., Ltd. Mr. Chalalai Smoesuk +66 (81) 8193849	Rayong, Ging Amphur Nikompattana 21180, Thailand	Petrochemistry	Heat Exchanger Sizing for CO ₂ Super heater
2004	Thai Polyethylene Co., Ltd. Mr. Wibulkiet Wongsampun +66 (38) 6850408 x 1060 www.siamcement.com	Maptaphut (Thailand)	PE/PP Pilot Plant Design	Process design of a polyolefin pilot plant

Year	Reference	Location	Industry	Solutions and services
2003	Hosaf Fibres Mr. Peter White +27 21 521 2276 www.hosaf.co.za	Durban (South Africa)	Polyester Fiber	Start-up Manager, Project Management, Process & Plant Safety Operation
2003	Starsoleil Mr. Theo Schupbach +66 81 987 0222 www.starsoleil.com	Rayong (Thailand)	Polyester Fiber	Start-up co-leader, Process & Plant Safety Operation, Staff Training
2002	M&G Polymers USA, LLC Mr. Jeff Black +1 304 576 4573 www.mgpolymers.com	Point Pleasant, Apple Grove (USA)	Polyester Bottle Grade	Start-up Manager, Project Management, Process & Plant Safety Operation, Staff Training
2001	Hangzhou Daoyuan Chemical Fibre Co., Ltd. Mr. Fritz Ferschin +41 81632 6883 www.inventa-fischer.ch www.uhde-inventa-fischer.com	Xiaoshan (China)	Polyester Fiber	Start-up co-leader, Process & Plant Safety Operation
2000	Ems Chemie AG (internal client Ems Grivory AG) Mr. Fritz Kupferschmid +41 81 632 7980 www.emschem.com	Taiwan – Switzerland	Polyamide 12	Project Management, Market Implementation, Product Development and Production Cost Estimation
1999	Ems Chemie AG (internal client Ems Grivory AG) Dr. Hans-Rudi Luck +41 81 632 6740 www.emschem.com	Ube (Japan) – Domat/Ems (Switzerland) – Castellon (Spain)	Polyamide 12, Polyamide Raw Material	HAZOP study of new production plant & process, Safety Analysis and Design of Extraction and Separation Unit.
1994	Folien Fischer AG Mr. Jules Fischer +41 56 616 7600 www.fofi.ch	Dottikon (Switzerland)	Web finishing and coating	Project Management, Process & Plant Safety Operation
1992	Sulzer Chemtech AG Mr. Philipp Süess +41 52 262 6188 www.sulzerchemtech.com www.sulzer.com	Zurich – Oberwinthert hur (Switzerland)	Chemistry & Petrochemistry	Project Management of a Research & Development Project in cooperation with Swiss Government and Federal Institute of Technology Zurich (Dep. Mech. Eng.)



KTT Hightech Co., Ltd .

120/207 Maneeja Ville, Soi Vachirathamsathi 12, Sukhumvit 101/1 Rd.,
Bangna, Bangkok 10260, Thailand
Tel. +66 2 743 7109, Fax +66 2 747 7108

