

# INDUSTRIAL DISPLAY SOLUTIONS

# NLT Technologies, Ltd.: Your Best-in-Class Industrial Display Solutions Provider

Currently NLT Technologies supplies Industrial Display solutions to more than 2,000 companies world-wide, with exports accounting for nearly 70% of total sales. Historically NLT has focused on specialized LCD solutions required for higher-end Industrial display markets, rather than the more volatile Consumer markets supported by many other display suppliers.

Our goal is to be the premier supplier of industrial display solutions globally. We remain committed to this market by maintaining a strong customer focus across all our internal and external processes from research, development, design, engineering, production and sales. We also have a strong commitment to innovation and a willingness to take on new challenges in order to maintain our technical advantage.

NLT's corporate slogan remains "to create an affluent society friendly to people, through innovation of new display markets". To this end, my goal as president of NLT Technologies is to continue our corporate quest to nurture our relationships and communications with our global customers as we strive to develop new display solutions that meet the stringent and evolving requirements of the markets they serve. We intend to remain our customers' supplier of choice for their industrial display needs.



NLT Technologies  
Head Office



President  
Deshu Yu

于德樹



**New Innovation**  
**New Impression**  
**New Imagination**

New "I"s inspire our mission  
to create next-generation displays

# The very best solutions — only from NLT Technologies

## NLT Technologies' quality standards are evident in every product

NLT Technologies is known for its quality and reliability among customers the world over. Our excellent reputation is based on a combination of advanced and powerful technologies, particularly in high-end products, along with innovative solutions and comprehensive technical back-up and support. We will continue to supply leading edge display solutions backed by the exacting quality standards of NLT Technologies, primarily to the target industrial field.

## Technology

### Uncompromising technological standards in high-end products

It is important to select the best display technology to suit the requirements of each display application.

NLT has the expertise to facilitate this process and then to follow up with detailed advice and guidance to customers after product installation. Our commitment to finding the optimum technology solution for every application, especially in high-end fields such as broadcasting and health care, has won us the admiration and respect of our customers.



## Solutions

### Solutions predicated on the most advanced technology

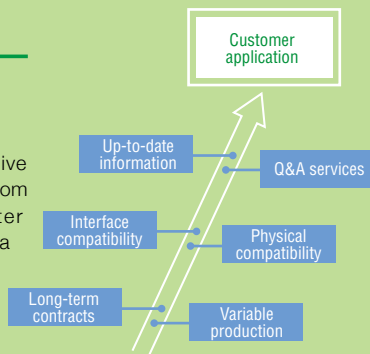
NLT Technologies is committed to ongoing research and development programs in tandem with application development in conjunction with our customers. From outdoor mobile equipment to high-resolution hospital radiologic interpretation machines, we offer a wide range of advanced liquid crystal display solutions for a variety of applications.



## Support

### Technical support for peace of mind

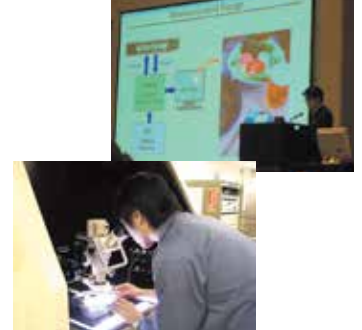
NLT Technologies offers one of the most comprehensive range of support services for our liquid crystal displays, from the design stage through to back-up support after installation. Only NLT Technologies offers such a comprehensive range of support services, which are better tailored to the various requirements of industrial machinery and equipment providers.



# Steady evolution predicated on our four core technologies

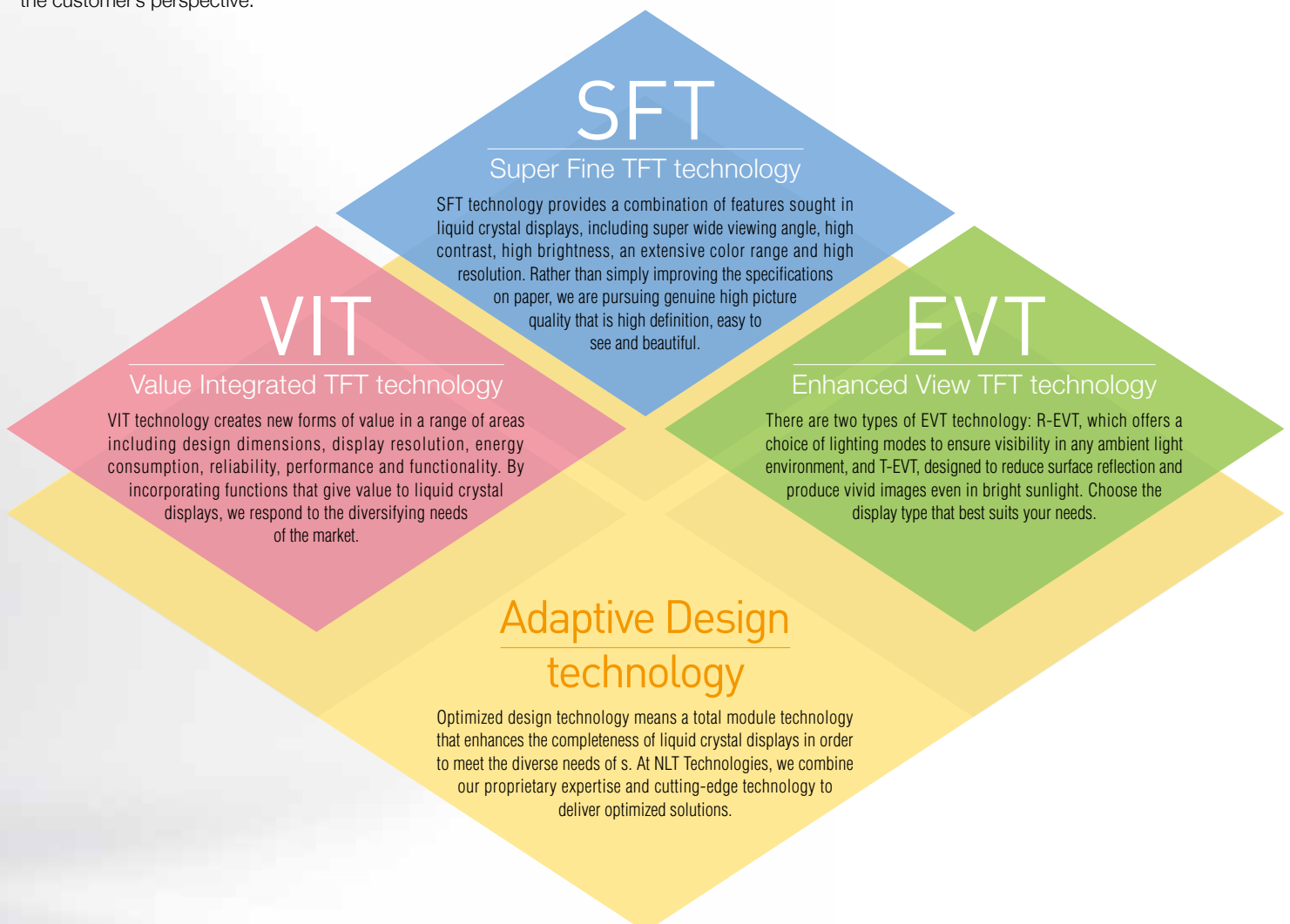
## A leader in innovation with the finest technology and development standards in the industry

Since producing the world's first TFT LCD modules for laptop computers, NLT Technologies has been at the forefront of the industry as a leader in innovation with some of the finest technology and development standards in the industry. Engineers from a range of fields such as device physics, electronic engineering, liquid crystal optics, color science, information engineering and ergonomics are able to pool their expertise in a coordinated research and development structure. Driven by a unique engineering spirit predicated on our strong customer focus, we are dedicated to continuously producing the latest technologies for next-generation displays.



## The four core technologies behind our advanced display solutions

NLT Technologies offers four core technologies: SFT Technology for optimum image quality, EVT Technology for images viewable even in bright sunlight, VIT Technology for greater value added to the display through integration of advanced and diverse functions onto the display, and Adaptive Design Technology which enhances display usability to meet a wider range of needs. These are the four core technologies that deliver optimum display solutions based on an unwavering commitment to the principles of customer focus from the customer's perspective.

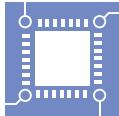




## Supplying products to some 2,000 customers around the globe Our field is the world

### Using our international network to develop global standard technologies

NLT Technologies is a global supplier. We ship high- definition liquid crystal display units to more than 2,000 companies around the world, with exports accounting for nearly 70% of total sales. A broad customer base with strong global sales are the result of a keen focus on world markets combined with high technical standards to ensure the supply of advanced products. Our world-class technology is the result of a strong research and development base that utilizes our network with overseas companies in regions such as Asia, North America and Europe.



## Every employee is a precious asset in our quest for innovation

### Cutting-edge research and development is augmented by extensive study and training programs

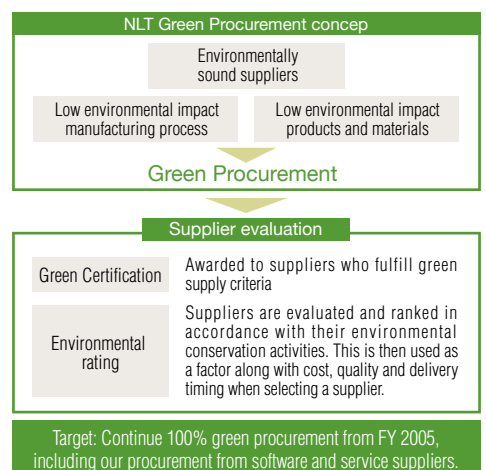
NLT Technologies provides a range of in-house and external study and training programs designed to maximize the potential of each and every engineer. The On-the-job training (OJT) engineer development program is conducted in conjunction with actual cutting-edge research and development work. A globally active innovation group is nurtured in a workplace environment that promotes curiosity and encourages new challenges.



## Manufacturing with minimal environmental impact to contribute to a sustainable society

### Environmental initiatives such as our 100% green procurement policy

NLT Technologies is dedicated to supplying environmentally-friendly liquid crystal displays manufactured using environmentally-friendly production systems. We are strongly committed to environmental management that contributes to a sustainable and plentiful society that allows full expression of the innate humanity of all the people of the world. Our Green Procurement Policy gives preference to materials with low environmental impact. We have also instituted a Green Certification system that requires suppliers and trading partners to fulfill certain criteria to reduce environmental loads. Since 2005 we have maintained a 100% Green Procurement record with the objective of building environmental compliance into all of our products.



# NLT Technologies will continue to move ahead with new and innovative display solutions

## Company Outline

Company name	NLT Technologies, Ltd.
Head office	Shin-Kawasaki Mitsui Building West Tower 28F 1-1-2, Kashimada, Saiwai-ku, Kawasaki, Kanagawa 212-0058
Established	April 1, 2003
President	Deshu Yu
Stated capital	4.3 billion yen
Business area	Research, development, design, manufacture, sale, and maintenance of color / monochrome display modules and related electronic devices
Employees	Approximately 600

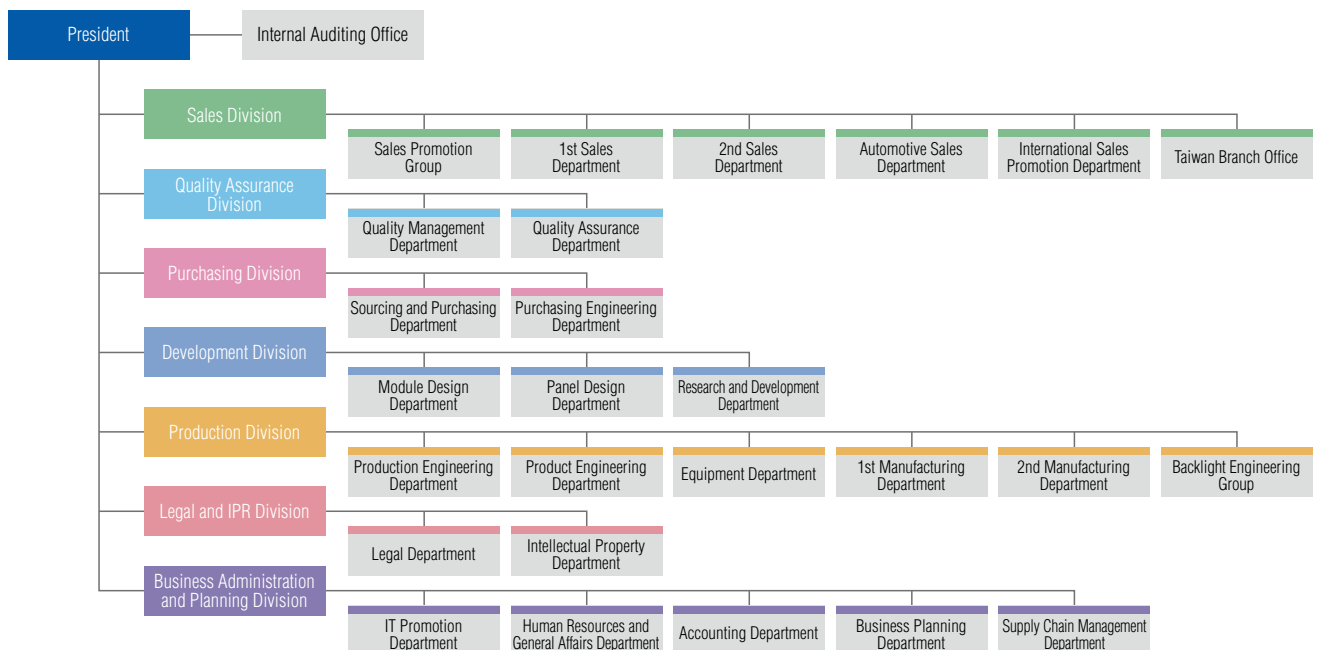
## History of the LCD Business

March	1989	• NEC Corporation established Color LCD Development Promotion Headquarters
April	2003	• NEC LCD Technologies, Ltd. established
July	2011	• Company name changed to NLT Technologies, Ltd. resulting from joint venture with Shenzhen AVIC Optoelectronics, Ltd. and becomes a member of the Tianma Microelectronics Group companies

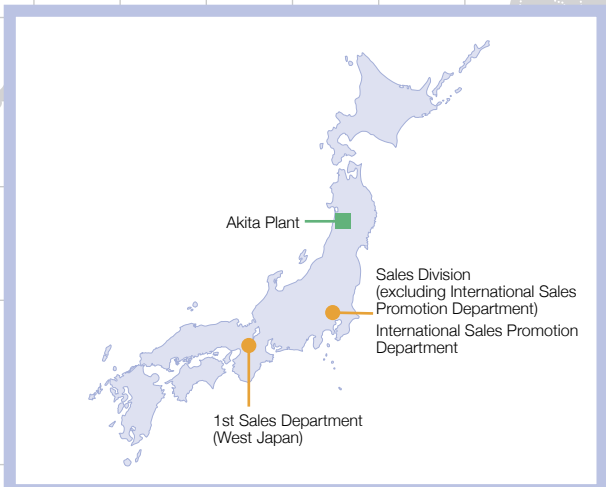
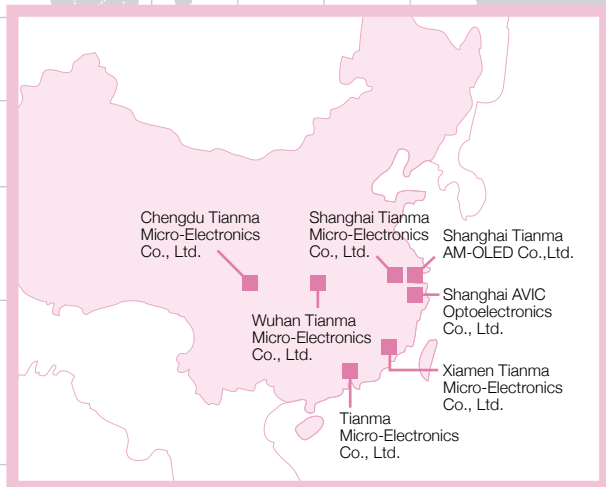
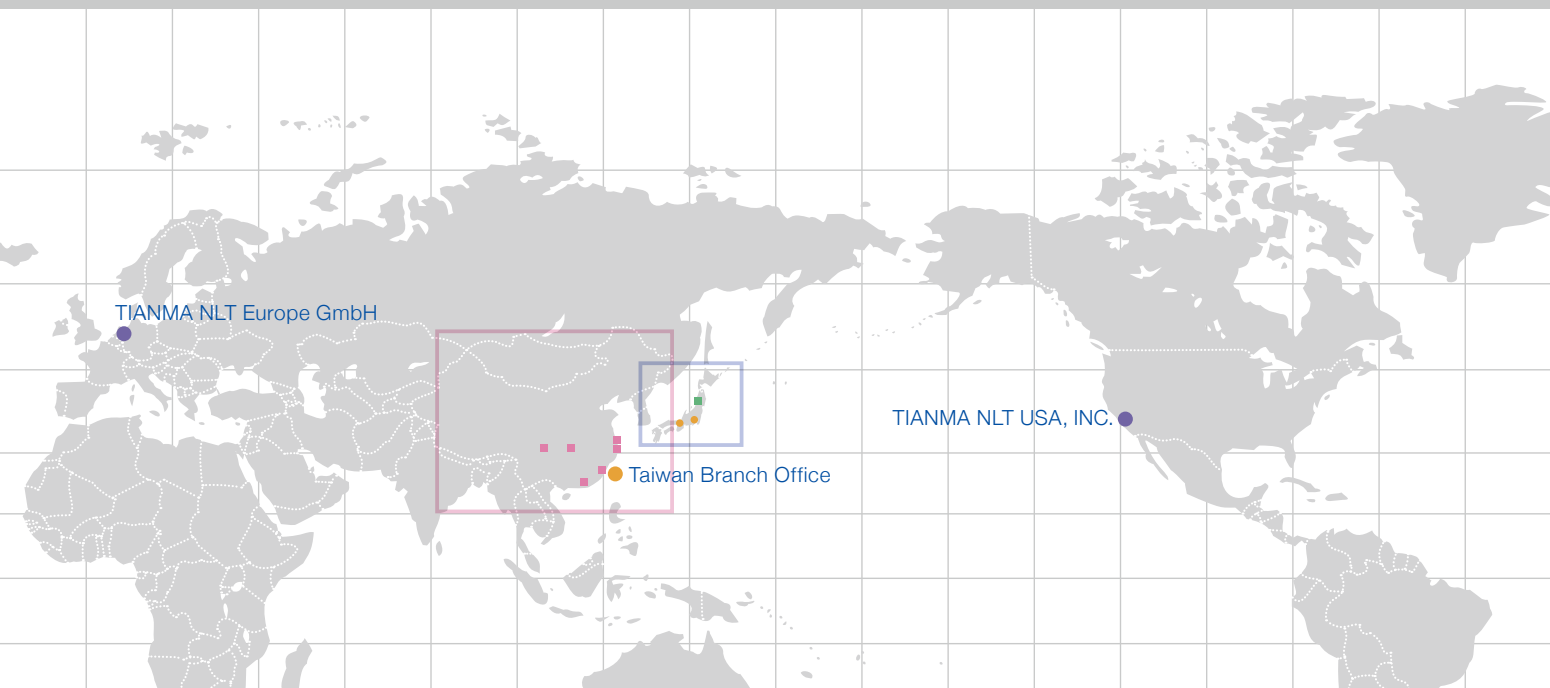
### 【 ISO certificate 】

November	1993	• Acquired ISO9002 certificate
February	1994	• Acquired ISO9001 certificate
July	1997	• Acquired ISO14001 certificate
August	2014	• Acquired ISO/TS16949 certificate

## Organization Chart



(as of August 1, 2016)



**■ Tianma Group**

Tianma Micro-Electronics Co., Ltd.  
天馬微電子股份有限公司

Shanghai Tianma Micro-Electronics Co., Ltd.  
上海天馬微電子有限公司

Shanghai Tianma AM-OLED Co.,Ltd.  
上海天馬有機發光顯示技術有限公司

Shanghai AVIC Optoelectronics Co., Ltd.  
上海中航光電子有限公司

Chengdu Tianma Micro-Electronics Co., Ltd.  
成都天馬微電子有限公司

Wuhan Tianma Micro-Electronics Co., Ltd.  
武漢天馬微電子有限公司

Xiamen Tianma Micro-Electronics Co., Ltd.  
廈門天馬微電子有限公司

**● Sales Offices**

**NLT Technologies, Ltd.**  
Shin-Kawasaki Mitsui Building West Tower 28F  
1-1-2, Kashimada, Saiwai-ku, Kawasaki, Kanagawa 212-0058, Japan  
Sales Division (excluding International Sales Promotion Department) ..... Tel:+81-50-3823-9010  
International Sales Promotion Department ..... Tel:+81-50-3823-9014  
1-4-24, Shiromi, Chuo-ku, Osaka, Osaka 540-8551, Japan  
1st Sales Department (West Japan) ..... Tel:+81-6-6945-3211

**Taiwan Branch Office**  
15F, No.181, Fu-Shing North Rd., Taipei, Taiwan R. O. C.  
..... Tel:+886-2-2717-5775

**TIANMA NLT USA, INC.**  
2801 Scott Boulevard, Santa Clara, CA 95050, U.S.A.  
..... Tel:+1-408-816-7029

**TIANMA NLT Europe GmbH**  
Peter-Müller-Straße 22, 40468 Düsseldorf, Germany  
..... Tel:+49-211-68818-188

**■ Production Site**

3-1-1,  
Goshonoshimotsutsumi,  
Akita, Akita 010-1412, Japan

Akita Plant  
..... Tel:+81-18-839-1111



Akita Plant



NLT Technologies

## NLT Technologies, Ltd.

Shin-Kawasaki Mitsui Building West Tower 28F  
1-1-2, Kashimada, Saiwai-ku, Kawasaki, Kanagawa 212-0058  
Tel : +81-44-330-9933

<http://www.nlt-technologies.co.jp/en/>

As of September, 2016

Cat.No.NLT-178  
©NLT Technologies, Ltd. 2016