

CORPORATE PROFILE

A group of professionals specializing in measuring high speed phenomena

Nobby Tech. Ltd. was established in 1998 as a group of professionals specializing in measuring high-speed phenomena. Since then, we have continuously endeavored to provide products and services with "customer satisfaction" in mind.

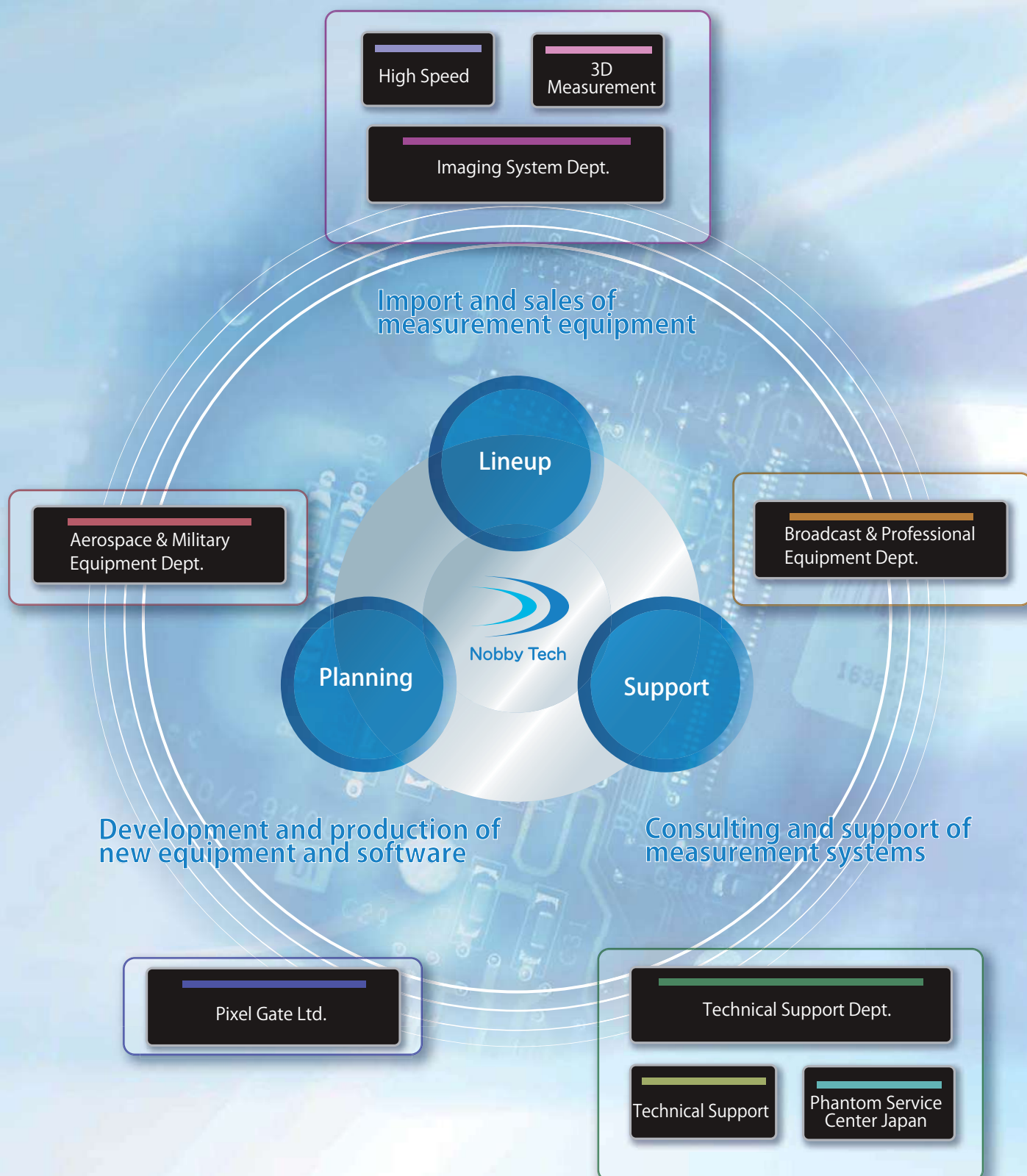
For the last 17 years, while centering on import of cutting-edge electronics, Nobby Tech. Ltd. has been expanding its business by offering a wide range of products focused on high-speed phenomena, including high-speed cameras, Doppler radars, super-slow cameras for the broadcasting industry and Nobby Tech's 3-D real-time motion measurement system based on motion capture technology. We aim not only to sell products but also to obtain and provide the data customers need. Through cutting edge measurement instruments and measurement technology, a wealth of experience and knowledge as well as an excellent support system, Nobby Tech continuously strives to expand its opportunities in a wide variety of areas. These areas range from mechatronics to biomechanics, including those in sophisticated research and development institutions, the manufacturing industry that is the root of monozukuri (making things), the aerospace and defense sector, medical sector, and entertainment sector that includes media outlets such as television and commercials.

Corporate Philosophy

- We support cutting-edge research and development by regarding measurement technology as the basis for contributing to the society.
- We develop a pleasant place to work for all employees and an environment to improve their abilities aiming to become a company regarded as "excellent company."

| U.K. | | France | | U.S.A. | |
|------------------------------|---------------------------------|--|--|------------------------------------|---------------------------------------|
| Specialised Imaging Ltd. | Ultra high-speed framing camera | IDIL Fibres Optiques | PDV | AMETEK Group Vision Research | High-speed camera |
| MS Instruments PLC | Ballistics Instruments | | | Physics Applications, Inc. | Two stage light gas gun |
| | | | | Dynasen Inc. | Pressure gauge |
| | | | | Visual Instrumentation Corporation | Hi-G Lightning, Battery, Camera mount |
| | | | | Xcitex Inc. | Motion analysis software |
| | | | | Zacuto | Universal camera support |
| | | | | Whithner SCREEN GRAPHICS, LLC | Trigger screen |
| | | | | L-3 Communications | Flash X-ray system |
| | | | | Hi-Techniques, Inc. | Data acquisition system |
| | | | | Arrow Tech Associations Inc. | Projectile design software |
| | | | | NaturalPoint, Inc. | Real time golf swing analyzing system |
| | | | | Reserch Energy of Ohio Inc. | Blasting equipment |
| Germany | | Denmark | | | |
| High-Speed Photo-Systeme | Nano flash system | Weibel Scientific A/S | Doppler radar system | | |
| Müller Instruments | Pressure sensor | | | | |
| RP acoustics e.K | Fiber optic probe hydrophone | | | | |
| AMO GmbH | Transient Recorder | | | | |
| Schill GmbH & Co.KG | Cable drum | | | | |
| Science & Motion Sports GmbH | Golf putting measurement system | | | | |
| soft2tec GmbH | 3D motion tracking system | | | | |
| | | Finland | | | |
| | | Cavitar Ltd. | Laser illumination | | |
| | | Sapotech Oy | Steel manufacturing line measurment system | | |
| | | Canada | | | |
| | | Instantel, a Division of Xmark Corporation | Vibration monitor | | |
| | | IMAGO Machine Vision Inc. | Video tracker | | |
| | | Japan | | | |
| | | Mitsui Photonics. Ltd. | Ratio temperature imager | | |

We strive to expand possibilities with measuring and analyzing



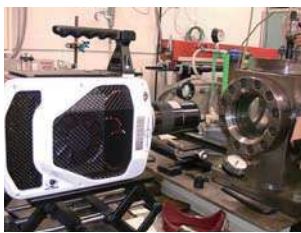
Imaging System Dept.

High Speed

Visualization for research and development, manufacturing industry, academic study, automotive industry, biomechanics, medical science, biology.

<Applications>

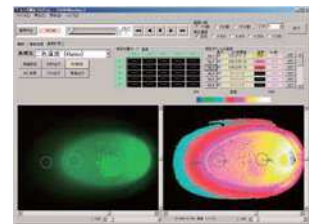
Combustion spraying, electric discharge, shock wave, destruction, fluid, transformation, projectile, ink-jet, collision, production engineering and etc.



<Measuring with Phantom high-speed camera >



<CAVILUX illumination laser >

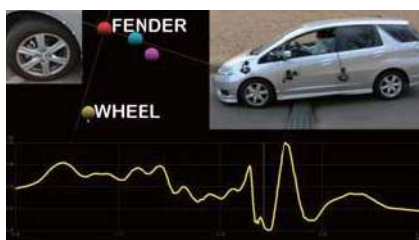


<Thermera measurement>

3D Measurement

3D measurement and analysis for research and development, factory automation, biomechanics.

- 3D real time motion measurement system
- Real time golf swing analysis
- Golf putting analysis system



<Measuring an actual vehicle run >



<3D motion measurement >



<Real time golf swing analysis >

Aerospace & Military Equipment Dept.

Various Measurement for Aerospace and Military Industry



<Doppler radars>

Tracking projectile and measuring Trajectory, speed, distance, drag coefficient.

Weibel Scientific A/S.



<Flash X-ray systems>

Capturing High-speed phenomenon as a still image.

L-3 communications.



<Two stage light gas gun system>

High speed launching device.

Physics Applications Inc.

Broadcast & Professional Equipment Dept.

For filming commercial, promotion video, sports broadcasting ,TV programs, movies, web movies and etc.



<PhantomFlex4K
high-speed camera >



<Filming with v641
high-speed camer>



<Gratical EVF >

Technical Support Dept.

Technical Support

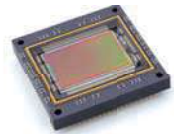
Engineering service, maintenance, and support service for various measurement equipment.



<Engineering service>

Phantom Service Center Japan

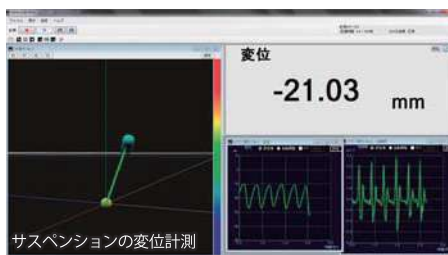
Technical support and repair center for Phantom high-speed camera in Japan.



Phantom Service Center Japan 

Pixel Gate Ltd.

Development and production of VENUS 3D motion capture measuring system and other software.



<Venus 3D-RTA
3D real time analysis software >



<PixelRunner G image and wave
pattern editing software >

 **Pixel Gate**

Corporate Profile

| | | | |
|-------------|------------------|------------|--|
| Name | Nobby Tech. Ltd. | Subsidiary | Pixel Gate Ltd. |
| Established | October, 1998 | Line Banks | The Bank of Tokyo -Mitsubishi UFJ. Ltd. Ebisu Branch |
| Capital | JPY50,000,000 | | The Bank of Yokohama, Ltd. Shibuya Branch |
| President | Nobuie Konishi | | Mizuho Bank Shibuya Chuo Branch |
| Directors | Tomoyuki Yoshida | | |
| | Hiroyuki Usui | | |
| | Akira Akichika | | |

History

| | |
|-----------------|--|
| October, 1998 | : Founded in Tokyo |
| August, 2000 | : Acquired distributorship of Flash X-ray system of L-3 communications |
| October, 2000 | : Acquired distributorship of high-speed camera of Vision Research |
| April, 2001 | : Acquired distributorship of Doppler radar of Weibel Scientific A/S |
| May, 2001 | : Acquired distributorship of high-speed launching device of Physics Applications Inc |
| January, 2002 | : Acquired distributorship of pressure gauge of Dynasen Inc |
| March, 2003 | : Acquired distributorship of projectile measurement equipment of MS Instruments PLC |
| April, 2003 | : Acquired distributorship of motion analysis software of Xcitex Technologies |
| September, 2004 | : Acquired distributorship of high-speed camera of Specialised Imaging Limited |
| November, 2006 | : Started handling data acquisition system of Hi-techniques |
| August, 2008 | : Opened Osaka branch in Umeda |
| December, 2009 | : Acquired distributorship of PRODAS trajectory simulation software of Arrow Tech |
| June, 2010 | : Established Pixel Gate Ltd. for software development |
| September, 2010 | : Started production and sales of Venus 3D in-house developed motion capture equipment |
| August, 2011 | : Acquired distributorship of High-speed 3D scanner of 4DDynamics |
| September, 2011 | : Moved to a new company building with well-equipped facilities |
| June, 2012 | : Opened Fukuoka branch |
| July, 2012 | : Opened Nagoya branch |
| January, 2013 | : Acquired distributorship of Cavilux illumination Laser of Cavitar Ltd |
| November 2014 | : Started handling GEARS real time swing analysis system of NaturalPoint, Inc |
| January, 2015 | : Opened Phantom Service Center Japan |
| February, 2015 | : Acquired distributorship of steel manufacturing line measurement system of Sapotech Oy |
| February, 2015 | : Started handling PutLab golf putting analysis system of Science & Motion Sports GmbH |

Customers

<Public Institutions>

Japan Ministry of Defense
 National Institute of Advanced Industrial Science and Technology
 The Institute of Physical and Chemical Research
 Japan Aerospace Exploration Agency
 National Institute for Fusion Science

<Universities and colleges>

Tokyo University, Kyoto University, Tohoku University, Hiroshima University, Nagoya University, etc.

<Corporations>

Electronics companies: Canon, Sony, Panasonic, NEC, Hitachi, etc.
 Automotive companies: Toyota, Honda, Nissan, Mazda, Yamaha, etc.
 Industrial companies: Mitsubishi heavy industry, IHI aerospace, etc.
 Energy companies : Osaka gas, Japan Nuclear Fuel, etc.
 Broadcasting companies: NHK, TBS, TV Asahi, etc.



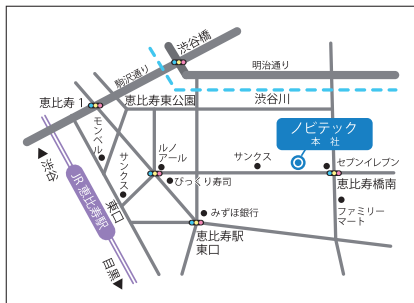
<http://www.nobby-tech.co.jp>
E-mail : sales@nobby-tech.co.jp

Headquarters

Tokyu Fudosan Ebisu Building 7F, 18-18, Ebisu 1-chome, Shibuya-ku
150-0013, Japan
TEL : 03-3443-2633 FAX : 03-3443-2660

Phantom Service Center Japan

TEL : 03-3443-2633



Osaka Branch

#1008, I&F Umeda Building, 10-2, Toyosaki 3-chome, Kita-ku,
Osaka-shi, Osaka 531-0072, Japan
TEL : 06-6292-7050 FAX : 03-6292-7075



Nagoya Branch

Hirokoji Garden Avenue 4F, 24-16, Meieki 4-chome, Nakamura-ku,
Nagoya-shi, Aichi 450-0002, Japan
TEL : 052-856-9582 FAX : 052-856-9501



Fukuoka Subbranch

#102, 39-20, Doi 2-chome, Higashi-ku, Fukuoka-shi,
Fukuoka 813-0032, Japan
TEL : 092-419-2633 FAX : 092-419-2660

Pixel Gate Ltd.

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