

COMPANY PROFILE



**Your World Leading Partner
for
Environmental Vibration and
Shock Testing Equipment**

HISTORY

- ▼ Corporation registration 10.02.2003
- ▼ Start of business activities 19.03.2003
- ▼ Employees at start of business activities
(Managing Director Harold Myers) 5 people
- ▼ Conclusion of a first contract: Entela (USA) June 23rd, 2003
- ▼ No. of finished systems in field of vibration testing ~ 153
- ▼ No. of employees at present 75
- ▼ Move into new production facilities and new administration
offices at Suzhou Hi-Tech industrial Park (China) Dec. 2006
- ▼ Production Area ~ 3000m²
- ▼ Administration Area ~ 600m²

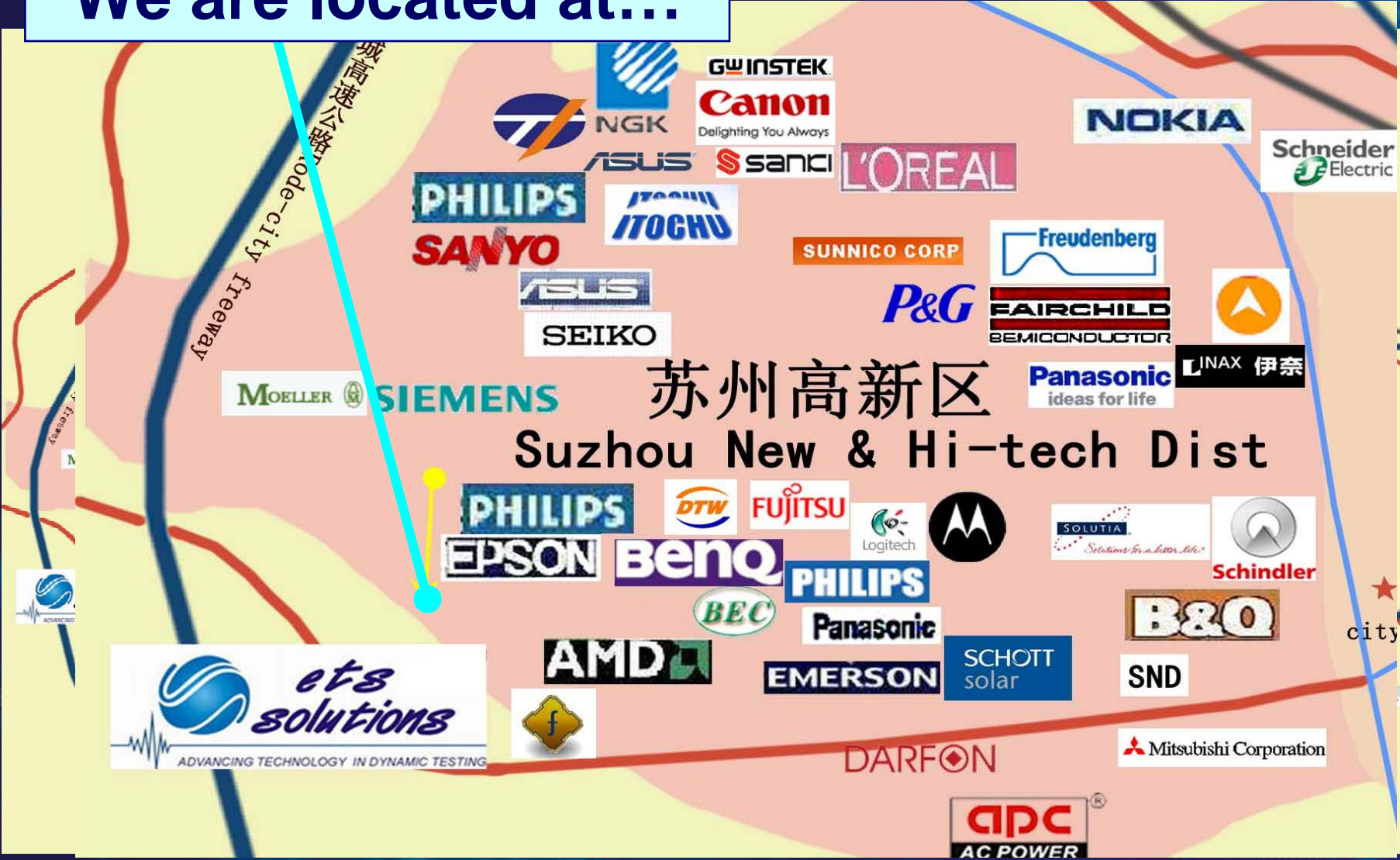


ADVANCING TECHNOLOGY IN DYNAMIC TESTING

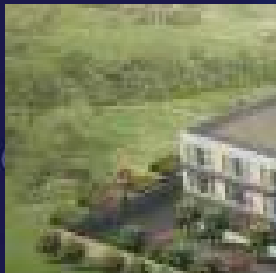
SUZHOU NEW DISTRICT

Se-on-Random

We are located at...



MANUFACTURING PLANT



©Load Bearing Pla

©Vibration Control System

©Vibration Control System



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

COMPANY PEOPLE

ETS Solutions is formed by a team of engineers with different professional experiences in the vibration testing industry. With vast exposures and experiences of more than 50 years in the industry, we have the virtue of being leaner and high adaptability to integrate different advanced vibration system technologies in our product.

Our superb engineering team works effortlessly in constant improvement of our product range with the latest available technology.

This enables us to improve our ability to deliver in a shorter time without compromising our excellent quality.



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

COMPANY VISION

The highly competent management with its world-wide experience in the development, production and sales in the field of vibration testing business, providing excellent products and services in the for:

- ❑ Expert Consultation
- ❑ Solutions for most tasks
- ❑ High Quality and Reliable Products



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

COMPANY GOAL

- The goal established by ETS Solutions was to manufacture vibration testing systems with performance and reliability features exceeding the performance specifications for units manufactured by the major global competitors.
- The primary objective established to meet the vision goal was to integrate the Chinese manufacturing capabilities with latest western technology and design to introduce affordable advance vibration testing technology into the international market.
- The main business interests are divided into two sectors:
 1. Vibration and Shock Testing Systems
 2. Consultation, Technical Services and Training



VIBRATION TESTING SYSTEMS

- **Vibration Testing Systems**

- Force rating from 440 lbf to 39,600 lbf equivalent to 200kgf ~ 18000kgf
- Up to 4 inch or 100mm Stroke

- **Slip Tables**

- Low Pressure Type – GT Series
- Journal Bearings Type – BT Series

- **Digital Power Amplifiers**

- 1 KVA ~ 300KVA

- **Head Expanders**

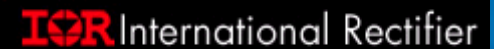
- **Fixtures and Test Jigs**

- **Supply of Accelerometers**



VIBRATION TESTING SYSTEMS

- All our vibration testing systems are developed and assembled with high quality parts from international manufacturers.



- Continual design improvement of vibration testing equipment to meet and exceed the performance requirement and international testing standards from the various industries:

1. Production and quality control
2. Laboratories
3. Electronic industry
4. Aerospace
5. Avionics
6. Automotive



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

VIBRATION TESTING SYSTEMS

ETS Solutions systems complies fully to the European CE standards with full testing and certification from TUV-SUD Product Service GmbH (Germany)

Tested according to EMC Directive 2004/108/EC :

EN61000-6-4:2001

EN61000-6-2:2005

Tested according to Low Voltage Directive 2006/95/EC :

EN60204-1:1997



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

THE ETS TECHNICAL SERVICES

- **Field Engineering Services, Maintain, Repair and On-Site Upgrades**
- **Preventative Maintenance Contracts, standard or tailor made**
- **24/48 hour Emergency Callout**
- **ISO & UKAS Calibration Service**
- **Site Planning & System Relocation**
- **Armature Rewinds and Replacement Field Coils**
- **Up-grading of Vibrators to Long Stroke Operation**
- **New and fully Refurbished Vibration Test Systems**
- **Oil-film Slip Tables/Bearings**
- **Spare Parts for most Manufacturers Equipment**
- **Customer Training On/Off-Site**
- **Power Module Repair**



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

CONSULTATION, TECHNICAL SERVICES & TRAINING

ETS provides services in the following area of expertise as according to customer requirements :

1. Consultation, project development and management
2. Existing and new system modification. Installation and commissioning
3. User training and qualified system after sales services

in the field of vibration testing for the targeted industries

1. Production and quality control
2. Laboratories
3. Electronic industry
4. Aerospace
5. Avionics
6. Automotive



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

LDS 964 – SYSTEM UPGRADE

Sine-on-Random

© Classical Shock

© Random Test



© Hydrostatic Bearing Slip Tables

© Head Expanders

© Motion Control System



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

DERRITRON VP600 - SYSTEM UPGRADE



©Vertical Guidance System

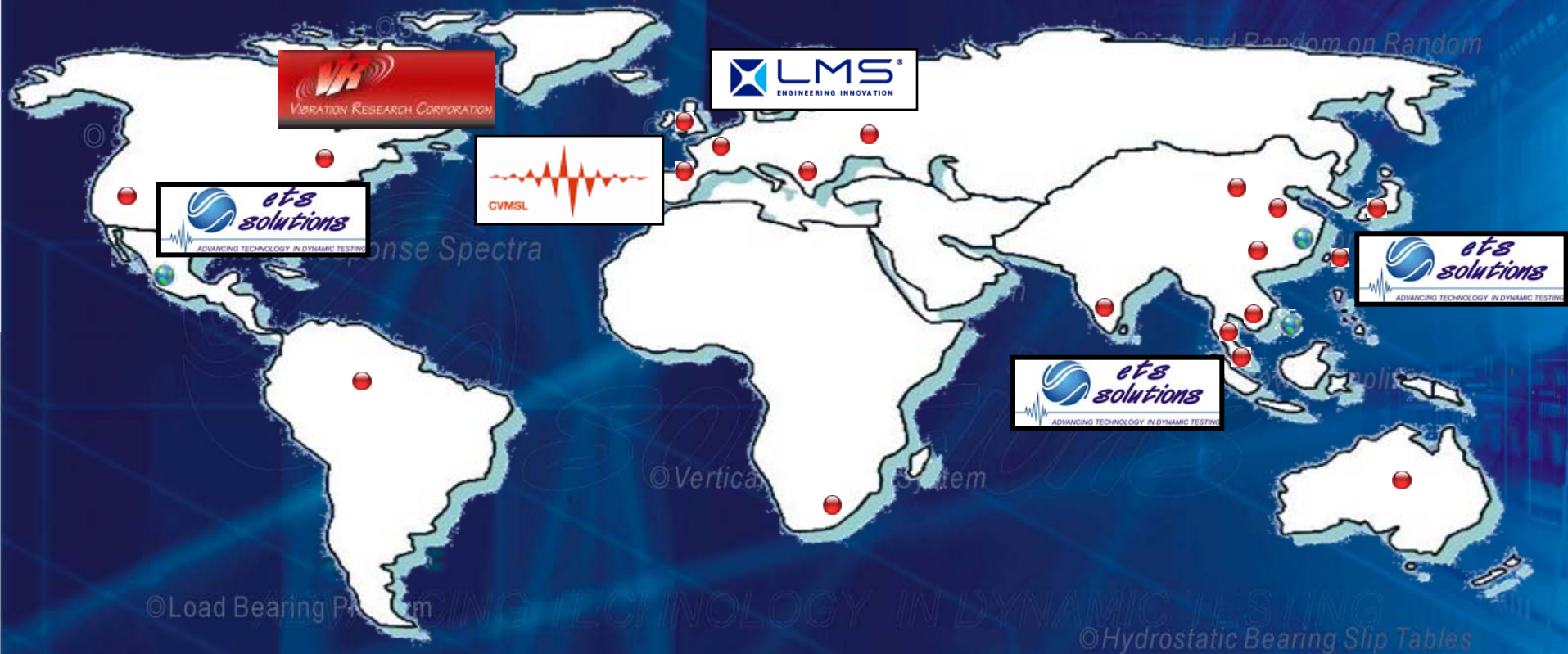


TESTING
Magnetic Bearing Slip Tables



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

GLOBAL PARTNERS



MAJOR SALES & SERVICE NETWORK PARTNERS

- Servotest Solutions (UK)
- J.J. Bos B.V. (Holland)
- Zetatek (India)
- AJ Service (France)
- EM-TEST (Russia)
- AB & AD (Israel)
- LCEC Certified Engineering Center (Russia)



GLOBAL PARTNERS

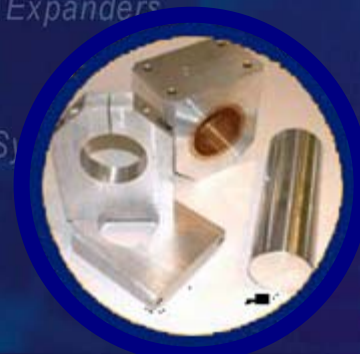
Our international partners have many years of experience in the field of vibration testing.

SERVICE ORGANIZATION

Service is centrally controlled by Suzhou Technical Support office. Current establishment of international direct technical service office are found in the following locations:

- ❑ U.K. since Jan 2006 (CVMSL)
- ❑ Singapore since June 2004 (Asia Pacific Office)
- ❑ India since June 2007 (Zetatek)

All representatives abroad are backed up by of experienced, well educated service technicians.



 **ets
solutions**

ADVANCING TECHNOLOGY IN DYNAMIC TESTING

TECHNICAL ADVISORY COMMITTEE



Geoff Parish



Mark Hagger



Harold Myers



Richard Chen



Mel Chen



Lee Fleming



ADVANCING TECHNOLOGY IN DYNAMIC TESTING

Our International Customers

THALES

RAFAEL
ARMAMENT DEVELOPMENT AUTHORITY Ltd.

FOXCONN®



BOSCH

Johnson
Controls



Valeo

tyco
Electronics

SELEX
Sensors and Airborne Systems

DELPHI

SIEMENS VDO

faurecia

Technical perfection, automotive passion.

Cape

QinetiQ

DAEWOO
INTERNATIONAL

RADSTONE
EMBEDDED COMPUTING

ets
solutions

ADVANCING TECHNOLOGY IN DYNAMIC TESTING

Our Chinese Customers

©Sine-on-Random

©Classic Shock

©Swept Sine

©Sine and Random on Random

