



# 三聯科技股份有限公司

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資料來源：【第20屆小巨人獎】得獎專輯

## 主要產品

感測器與量測儀器、地震預警系統、自動化儀器設備銷售服務與系統整合、地工儀器與工程安全監測技術服務、切割機設備、TAF實驗室儀器檢校服務（長度 / 電量 / 振動 / 力量 / 大力量）

## 企業沿革

- |       |   |
|-------|---|
| 1967年 | 公司成立，以配電盤製造施工、承包工廠機電工程起家  |
| 1970年 | 引進日本監測儀器及技術，參與十大建設多項基礎工程監測  |
| 1980年 | 引進自動化設備、人機介面工業元件，協助國內加速產業升級   |
| 1990年 | 導入Wire Bonder及Wet Station業務，引進國內第一座半導體晶圓洗淨蝕刻設備                                  |
| 1995年 | 榮獲第四屆國家磐石獎  |
| 1996年 | 取得CNLA長度實驗室認證（2005年轉換為TAF）  |
| 1997年 | 轉投資多聯科技，進入電子材料供應業務服務領域<br>取得ISO9002品保認證   |
| 1999年 | 取得CNLA電量實驗室認證（2006年轉換為TAF）  |
| 2000年 | 成功開發第一個國人自製地震預警感知儀  |
| 2001年 | 股票上櫃掛牌，股票代碼5493   |
| 2006年 | 榮獲國家人力創新-力行標竿獎  |
| 2012年 | 榮獲經理人月刊「台灣中小企業社會責任獎-職場環境與人才發展類」首獎<br>取得TAF振動實驗室認證                               |
| 2013年 | 設立高雄本洲研究發展中心<br>取得TAF力量校正實驗室認證  |
| 2016年 | 榮獲國家人才發展獎<br>取得國內首座200t以上之TAF大力量校正實驗室認證(上限1000t)<br>完成設置地震監測警報網之地震預警系統全台達610站   |
| 2017年 | 取得ISO 9001:2015認證<br>持續投入智慧環境監控，結合物聯網（IoT）和智聯網（AoT）科技，開發振動安全檢測及智慧城市防災監測方案相關產品服務 |



## San Lien Technology Corp.

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### Products and Solutions

Sensors and Measuring Instruments, Earthquake Early-Warning Systems, Automated Instruments and Equipment Sales & Services and System Integration Solutions, Geotechnical Testing Equipment and Construction-Safety Monitoring Services, Cutting Equipment, TAF Laboratory Certified Calibration Services (Length, Electricity, Vibration, Force, Great Force)



### History

- |      |  |
|------|--|
| 1967 | Sanlien was founded as a high voltage switchboard manufacturer as well as a mechanical and electrical contractor   |
| 1970 | Introduced monitoring instruments and technology from Japan and participated in major infrastructures projects in Taiwan as a monitoring service provider  |
| 1980 | Introduced automated equipment and human-machine interface (HMI) components to promote industrial upgrading in Taiwan  |
| 1990 | Launched Wire Bonder and Wet Bench Station Business in Taiwan by introducing the first wafer cleaning and wet-etching equipment in the local market  |
| 1995 | Received National Award of Outstanding SMEs  |
| 1996 | Certified by CNLA Laboratory for Length Calibration (Converted to TAF in 2005)   |
| 1997 | Invested in Kemitek Industrial Corp. to enter semiconductor electronic material supplies and services market   |
| 1999 | Certified by CNLA Laboratory for Electricity Calibration (Converted to TAF in 2006)  |
| 2000 | Developed successfully Taiwan's first domestically-made Earthquake Early-Warning Sensor  |
| 2001 | IPO, listed in TPEx Mainboard (Stock code: 5493)   |
| 2006 | Received National HRD InnoPrize from Ministry of Labor Affairs   |
| 2012 | Received top prize for SME CSR Award in the working environment and talent development category from Manager Today, one of Taiwan's prestigious business magazines<br>Certified by TAF Laboratory for Vibration Calibration  |
| 2013 | Established Research and Development Center in Kaohsiung City<br>Certified by TAF Laboratory for Force Calibration   |
| 2016 | Received National Talent Development Award<br>Certified first in Taiwan by TAF Laboratory for Great Force Calibration with scale over 200 tons (maximum 1000 tons)<br>Installed an earthquake early-warning system consisted of up to 610 earthquake monitoring stations throughout the island of Taiwan |
| 2017 | Received ISO 9001:2015 Certification<br>Devoted to smart environmental monitoring as well as developed vibration safety sensor and smart-city disaster prevention solutions by leveraging Internet of Things (IoT) and Analytics of Things (AoT)   |



## 企業簡介

三聯科技為國內一家專業計量科技服務之上櫃公司，跨足大地及環境的精密測量、監控、研發、檢測及量測服務。創辦50年，伴隨台灣經濟起飛、成長到轉型，「為科技作見證（創新）為工業寫歷史（負責）」正是公司一路走來的最佳註腳，也是對客戶之承諾。三聯科技以「協助人類了解環境（自然環境·工作環境）」為使命，1999年921地震更讓經營團隊誓言投入天然災害量測儀器設備的開

發。2016年206地震，拋磚引玉捐贈價值百萬的「複合型地震預警系統」給台南市，協助建置20所防震校園。另外，與中央氣象局簽訂強震即時警報合作備忘錄，提供區域地震預警服務。同時，協助地震頻仍的印度、中國等國家建立大型地震預警網絡，並將MIT的產品推展至鄰近的韓國、菲律賓、越南、印尼，至美國、墨西哥、紐西蘭...等國。近年來，積極開發整合型傳感器分析平台，發展振動安全檢測與智慧城市防災監測方案，如：結構物快篩安全檢測系統、噪振雲端檢測系統、無線地表土石監測系統、無線氣象站、無線數位擷取器...等。



## 國際競爭力

- 一、三合一戰略思維：全球化的長期佈局、區域化的資源整合、在地營運的務實操作。
- 二、開放式創新理念：善用地頭蛇行銷，掌握競合情勢商機，將MIT產品服務推展至國際市場。
- 三、國際結盟開發：透過築巢引鳳計畫，吸引國際夥伴，提升產品技術水準，確保創新與國際化。
- 四、聚焦利基市場：具有振動及地震預警關鍵技術，持續進行研發與設計，因應市場需求之變化。
- 五、產學互補：啟動原鄉人計畫，培養外籍學生為國際生力軍，以及長期產學合作開發技術與應用。

## 營運管理

- 一、公司治理：設有董事會及功能性委員會，積極推動誠信經營及企業社會責任，曾連續七年（2009~2015）榮獲資訊揭露評鑑A+級上櫃公司及兩屆公司治理評鑑名列前20%之殊榮。
- 二、營運方針：專注本業、前瞻投資、滾動經營、持續轉型。
- 三、品質政策：敏銳掌握客戶與市場對工業監測技術服務之需求，對客戶提供就地、迅速的滿意服務，並透過全球在地化(Glocal)佈局，整合國際相關產業資源，成為亞太區最卓越的計量科技服務公司。
- 四、財務管理：自2013年起，係採用國際財務報導準則之財





## Company Profile

Sanlien is a Taiwan-listed company specialized in engineering instrumentation business spanning across precision measurement, monitoring, research and development, gauging and measurement services. With five decades of growth, transformation, and support for the economy, our motto “The Living Proof of Technology (Innovation), The Proven Record of Industry (Responsibility)” is the best testament to our half century dedication and a relentless commitment to our clients. Fulfilling a mission to “help humanity understand natural and working environment,” Sanlien has vowed to fully devote its resources to the development of natural disaster detection and alert equipment after Taiwan’s devastating earthquake in 1999. We further donated “Interdisciplinary Earthquake Early-Warning System” to Tainan City Government for setting up 20 earthquake-resistant schools in

the wake of a major earthquake there in February 2016. We also signed MOU with Taiwan’s Central Weather Bureau regarding cooperation of launching earthquake instant alert system and providing regional warning services. Meanwhile, Sanlien assisted earthquake-prone countries like China and India in setting up a large-scale earthquake early-warning network, and further promoted our proudly Made-in-Taiwan products to neighboring countries including Korea, Philippines, Vietnam and Indonesia as well as expanded further into USA, Mexico, New Zealand, etc. Recently, Sanlien has been active in developing integrated sensor analysis platform and devised an integrated solution involving vibration safety sensor and smart-city disaster prevention measures, including structures quick-screening safety monitoring system, noise and vibration detection cloud-based system, wireless landslide monitoring system, wireless weather station, wireless digital capture device, etc.



## Global Competitiveness

- I. 3-in-1 Strategic Thinking: A globally long-term strategic plan, a regionally resources integration, and a locally adapted operation.
- II. Open-Market Innovation: Leverage local expertise on marketing, know your market, and promote Made-in-Taiwan products in the global market.
- III. Global Alliance: Attract global partners to improve products and technology that leads to innovation and globalization.
- IV. Focus on Niche Market: Based on our key technology in vibration and earthquake early-warning, we continue R&D and design upgrading to meet market demands.
- V. Business-Education Partnership: Treat foreign students in Taiwan as a source of local talent for overseas operation, coupled with business-education cooperation in technology development and application to help them thrive in local markets.

務資料；企業體質穩健，股東權益報酬長期穩定。

五、人力資源：導入TTQS人才發展品質管理系統、自建三聯數位學院、規劃多元組織學習活動、成立委員會機制與推行獎勵方案，協助員工與組織一同轉型與成長，塑造幸福職場。

六、顧客關係：訂定客戶滿意度衡量程序、售後服務與客戶問題處理作業，提供更優質的服務。

## 社會責任

一、訂定企業社會責任實務守則，落實企業社會責任，善盡企業公民角色。

二、遵守相關勞動法規，維護員工權益，建構友善健康職場，以及性別地位實質平等工作環境。

三、成立環安衛委員會專責單位，以及響應政府節能減碳政策，施行各項措施與獎勵辦法。

四、成立「財團法人三聯科技教育基金會」，推動高科技發展及人文教育之交流與贊助公益活動。

五、長期投入環境監控與地震預警系統研究發展，協助我們居住的環境品質更好、更安全。



## 綜合評語

- 一、於亞太地區、東協地區、歐盟、美國等地提供專業設計與計量科技，以雲端系統為服務拓展全球。
- 二、因應市場需求之變化，與各地領先者的行銷合作及國內累積的良好研發成果，拓展國際市場。
- 三、重視研發管理與企業電子化，持續進行產品研發與設計，掌握產品利基，連續獲得7次上市櫃公司資訊揭露A+級。
- 四、重視環保與產品安全及員工發展及訓練，建置學習平臺，且長期支持並舉辦學術及社會公益活動，善盡企業社會責任。





## Operation Management

- I. Corporate Governance: Board of Directors and Committees are well in place to drive business integrity and fulfill corporate social responsibilities. From 2009 to 2015, Sanlien has won A+ rating on regulatory disclosure for seven consecutive years and had twice been placed within the top 20 percentile among all Taiwan-listed companies in terms of corporate governance standard.
- II. Operation Guideline: focus on main business, invest in the future, remain a going concern, continue to transform.
- III. Quality Policy: A keen grasp of client's and market's needs for industrial monitoring instrumentation services, to provide on-the-spot, speedy, and satisfactory solutions. Through our "Glocal" Strategy, we aim for the best instrumentation and measurement services provider in Asia Pacific by integrating our global resources and talents.
- IV. Financial Management: Since 2013, Sanlien has adopted IFRS for financial reporting; our financial health is in a good shape and return on shareholder's equity is consistently stable.
- V. Human Resources: Implement TTQS talent management system, build up a self-developed digital learning program, roll out team building and diversity events, establish committees to reward employees, help talents and organization grow and adapt, and create a happy working environment.
- VI. Client Relationship: Standardize and optimize our process for customer satisfaction survey, after-sales management, and customer complaint resolution, to deliver better, high-quality services.

## Corporate Social Responsibility


- I. Define Code of Conduct to carry out our corporate social responsibilities and pursue responsible corporate citizenship in everything we do.
- II. Abide by labor laws to protect employee's rights, build a friendly, healthy working place, and promote equality and diversity at work.
- III. Establish a dedicated department for environmental safety and health, and support energy saving and carbon emission reduction efforts with rewards program.
- IV. Create Sanlien Foundation to accelerate technology advancement, facilitate cultural exchanges, and support charitable causes.
- V. Devote to environmental monitoring and earthquake early-warning system research and development, to improve safety and quality of life.





# 【第20屆小巨人獎】得獎花絮

**狂賀**  
三聯科技榮獲  
第二十屆小巨人獎



為鼓勵外銷績優之中小企業，積極開拓國際舞台，在國際市場上具高度競爭力，且企業營運管理健全，經濟部中小企業處每年主辦「小巨人獎」選拔活動，以肯定這些外銷績優中小企業對我國經貿的貢獻。

歷經書面審查、實地訪審、決審等層層嚴格關卡，三聯科技榮獲第20屆小巨人獎殊榮。

11/20頒獎典禮，由經濟部中小企業處處長吳明機頒獎，本公司由董事長林大鈞受獎。經濟部部長沈榮津與諸位貴賓也蒞臨會場。

