

The Pilot for Global Cutting-Edge Metal Technology

MIRDC has focused on technology research and development, cross-field system integration, reinforcing the scope and depth of industries, and marching toward the field of high value, innovative metal technology since its establishment. Through its accumulated efforts, MIRDC expects to carry on and create new prospects in the future.

Located in Kaohsiung, MIRDC has created a metal industry base in the southern region and accompanied many manufacturers in critical times for more than 50 years. Tens of thousands of manufacturers have received comprehensive integrated services, including manufacturing process, equipment, system, management, electronic service, inspection, certification, and training from MIRDC. At the same time, MIRDC has put efforts into establishing industrial clusters of all sizes, integrating capabilities of the industrial chain, and fostering professional expertise. As represented by the "T" shape, MIRDC has spared no effort in reinforcing the width and depth of the metal industry.

In the 1960s and 1970s, Taiwanese industries gradually transformed from light industries into heavy industries. At that time, MIRDC made every endeavor to assist manufacturers in increasing yield rates and facilitated Taiwan to become an important supplier of global metal products in 1980s. After the 1990s, MIRDC was in the forefront of the industry. Aside from technology, MIRDC also provided the latest

marketing management and business information, and teamed up with manufacturers to transform from OEM through ODM to OBM (Original Branding Manufacturing).

The yearly production value of the metal industry is up to NT \$2.5 trillion. With 800 people, MIRDC R&D team is capable of providing services for 700 manufacturers every year. The number of employees of manufacturers who receive educational training from MIRDC is up to 10,000 annually. In recent years, MIRDC has continuously assisted manufacturers in implementing system integration in order to lead them into a more advanced technical field. At the same time, MIRDC has gone for the cross-field R&D of "5+1," which means automobile, medical devices, high-value metal material and fabricated metal products, optoelectronics and energy equipment, micro/meso mold & die and components industries, plus green manufacturing processes for reducing environmental pollution and energy use.

The core value of MIRDC is to allocate corresponding R&D resources according to different industrial demands so as to improve the metal industry's comprehensive capabilities, including design, technology, marketing, and inspection. Over the next 50 years, MIRDC will continue its effort step by step and look forward to becoming the most advanced R&D institute of metal technology in the world.