



About the Institute for Information Industry

The Institute for Information Industry (III) was established on July 24, 1979 as a nonprofit organization jointly founded by the private and public sectors, with a mission to “promote the effective application of information technology and improve overall national competitiveness; foster an environment for information industry development and strengthen its competitiveness.” In order to lead the development of Taiwan’s digital economy, III has recently positioned itself as a “Digital Transformation Enabler,” integrating its think tank, professional training, research and development and promotional capabilities. III develops solutions and application services to fit industry needs and drive the digital transformation of both the government and industry.

Over the past 40 years, III has grown from the ground up, constructing a variety of government information systems, training tech professionals to support industry development, as well as dedicating itself to ICT industry technology R&D, and the planning and promotion of industry-related government policies. III’s achievements have been recognized across all industries.

Technology Research and Development

As a part of the nation's innovation system, III proactively participates in innovation promotion mechanisms that bring together industry, government, academia, and research to drive development of emerging industries. In recent years, III has focused on core areas such as smart manufacturing, smart services, networking and cognition, cybersecurity testing, and cutting-edge applications, with a brief description of each area as follows:

• Smart Manufacturing

By developing heterogeneous network integration and big data analytics technologies, III assists in resolving interdisciplinary issues in industries such as textiles, PCB, precision machinery, and semiconductor packaging and testing. It also supports relevant industries in achieving optimized digital transformation spanning different processes, such as advancing from IC packaging to design.

• Smart Services

Through digital service models, such as robotic voice, imagery, emotional perception, understanding, and conversation, in combination with the newest trends and research methods in UI/UE, III creates new business opportunities and provide the service and retail industries with digital transformation solutions.

• Networking and Cognition

Strategically build international 3GPP and IoT standards, MEC communication technologies, related advanced technologies, and develop IoT platforms and smart services such as communications, energy, smart transportation, wearable devices, and more for application both in infrastructure and across sectors.

• Cybersecurity Testing

Develop cybersecurity detection and defense technologies using AI and deep learning models, develop and integrate IoT and automated testing technologies for the 5G era, and construct international-standard testing methods and environments.

• Cutting-Edge Applications

Drive the continued upgrade of domestic industry technologies and increase value through the application of cutting-edge technologies in future-oriented applications and next generation networking, to serve as the basis for 5G, Internet of Vehicles, and smart medicine.



Over the years, III continues to analyze worldwide industry and market trends and interacts closely with industry, government, academia, and research entities. III positions itself as a “government think tank and industry consultant” and actively participates in forward-thinking research on mid to long-term socioeconomic, technology and industry trends. III also supports the formulation of national ICT industry and digital economy policies, and assists industry to initiate necessary change management and digital transformation.

In addition, III operates in the spirit of “techno-cultural synergy” and has kept pace with international laws regarding R&D and innovation over the years. By consolidating industry, government, academia, and research knowledge, III continues to formulate breakthrough legal frameworks on topics such as intellectual property management, industry innovation systems, innovative regulatory sandboxes, and the shaping of a startup-friendly environment.

Think Tank



Industrial Promotion

III's main mission, which has been cultivated over the years, is to promote the effective use of information technologies and enhance overall national competitiveness. Since its establishment, III has assisted the government to promote the following key industries: information, communications, digital content, digital learning, technologized services, information services, and cybersecurity. In recent years, outside of promoting the informatization of Taiwan's society, III has worked proactively on the development of smart cities, cultural and creative industries, green energy, IoT and industry digital transformation.

III has also established strategic alliances with domestic local government and research organizations around the world to collaborate on mobile communications, network security, smart cities and IoT. III also provides technical support and consulting services to promote the realization of open innovative collaboration between industry, government, academia, and research bodies.

III provides professional talent development for ICT, technologized services, digital content, creative and cultural industry technologies, semiconductors, industry analysis, technology law, personal information protection management, intellectual property management, and corporate legal guidance in accordance with national government policies and industry demand. III offers training from basic courses to professional certification testing, as well as interdisciplinary talent training. III also provides employment counseling to increase the compensation for young professionals.

In addition, III has brought in the resources of large international corporations to collaboratively construct a digital learning platform to improve the performance of talent development and corporate competitiveness, thus strengthening industry development capabilities and increasing production value. By training high-level industry talent through international projects, III assists in the advancement and transformation of education operators, promotes the integration of learning and information industries, and cultivates new international learning technology opportunities.

Professional Talent Development

For many years, III has been dedicated to resolving the digital gap in Taiwan's rural areas. In an R&D100 award-winning project, III constructed an outdoor wireless network system for indigenous tribes, providing mobile health care, education, tourism, and industrialization services. This project also developed Hybrid MassLINK Bus Stop, providing public transportation information for rural residents at any time.

III also focuses on professional development, developed the Smart School Alliance for rural areas, breaking geographical barriers using livestreamed group learning models, bringing together resources from around the country to create a "shared education economy," and applying III's ICT capabilities in areas such as rural education, mental stimulation for the elderly, indigenous cultural inheritance, and new immigrant education.

Corporate Social Responsibility

Recent Awards and Recognition

▪ R&D100 Awards **1**

- Monitor and Diagnose Framework for Manufacturing Processes (MDFMP)
- Hybrid MassLINK Bus Stop
- Smart Glass Guidance System (SGGS) Visual Tour Solution
- CraneAbide Shipping Container and Dock Scheduling Technology
- BestLINK (iTribe) Wireless Private Network Mobile Monitoring System
- RFID-mf RFID Metal Object Detection Technology
- In-Snergy Cloud Smart Green Management System

▪ WITSA **2**

- Outstanding Digital Opportunity Award: Smart School Alliance
- Outstanding Mobile Application Award: X-Parking Smart Parking Guidance Solution
- Outstanding Medical Application Award: SaFePlay Smart Footwear Platform
- Outstanding Mobile Application Award: Remote Master Smart Industrial Eyeglasses Solution
- Outstanding Sustainable Development Award: Smart Energy Management System
- Global ICT Industry Outstanding Award Winner
- Global ICT Application Outstanding Contribution Award Winner

▪ eAsia Award

- Inclusive Digital Opportunity Creator Award: Bridging the Digital Divide and Rural Service Project
- Bridging the Digital Divide Award: Advanced Program of Healthy Diet for Students, Campus Ingredient Registry Platform

▪ APICTA

- Social Service Award: Digital Elite Study Cube
- Cybersecurity Award: CIA Cloud-Threat Intelligence Appliance



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