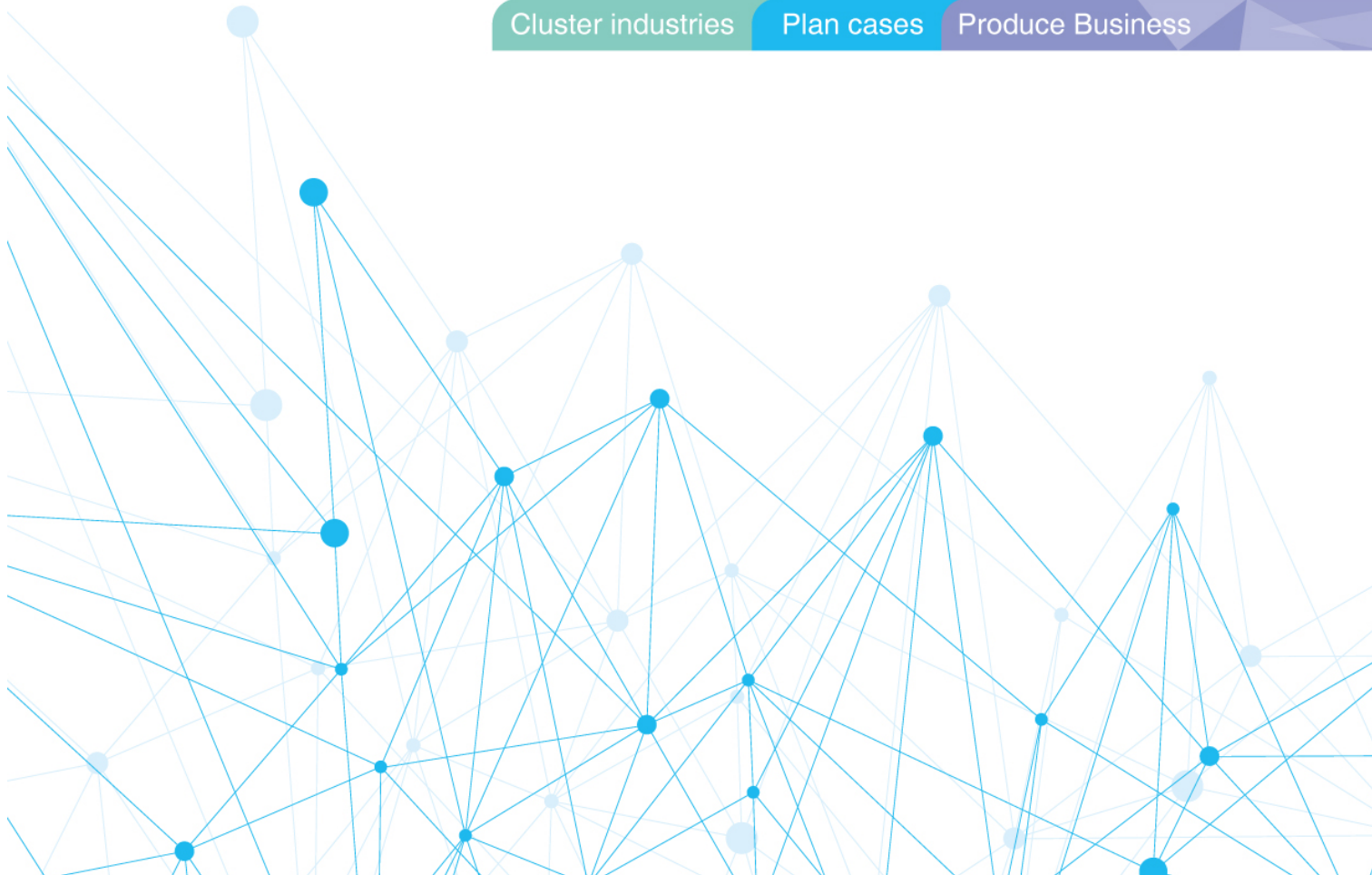


Cloud Computing & IoT Association in Taiwan

Cluster industries

Plan cases

Produce Business

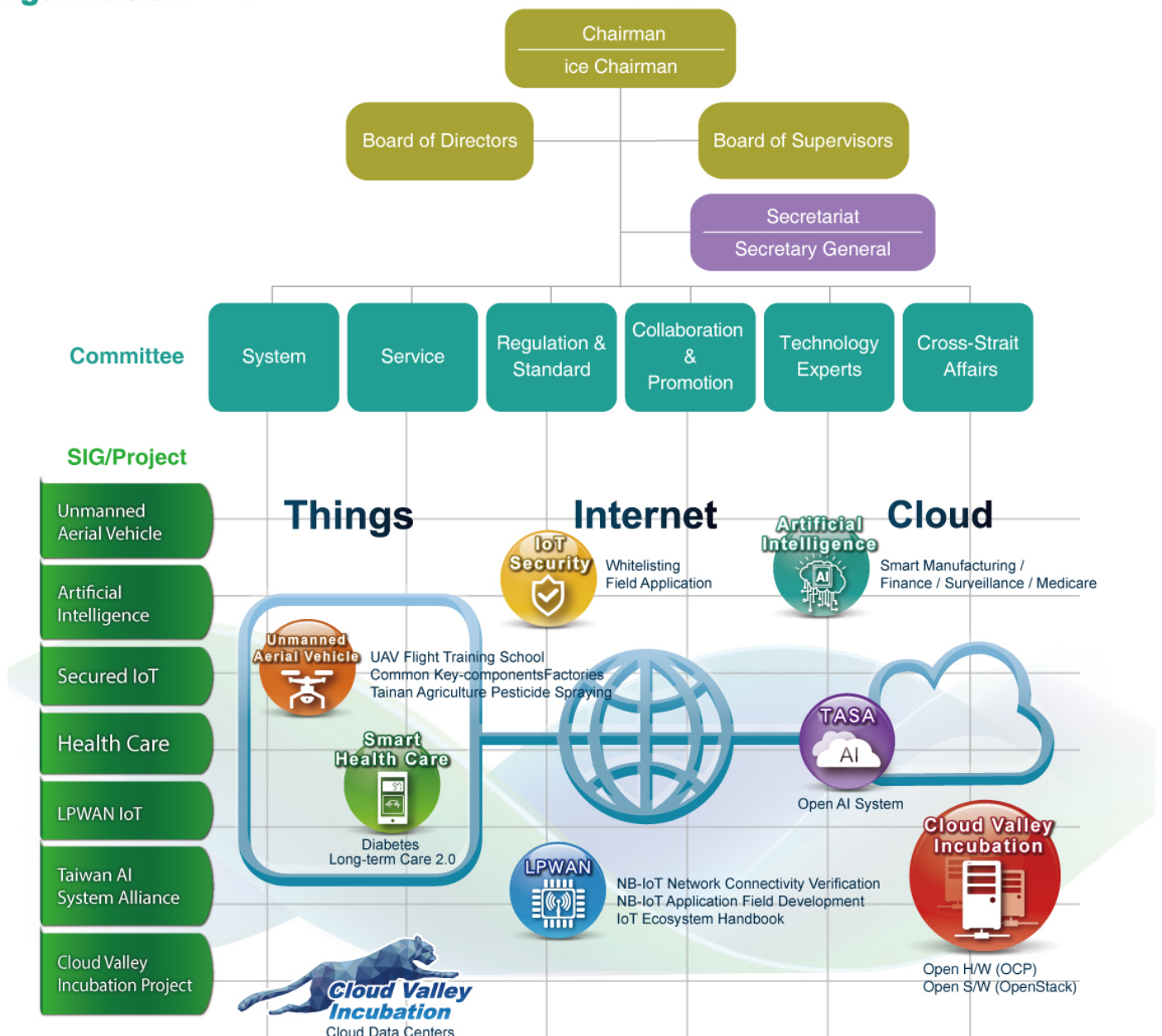


About CIAT

Cloud Computing and IoT Association in Taiwan (CIAT) currently has more than 140 member companies jointly creating the most complete industry chain in information and communication technologies. Member companies include Nonprofit R&D Organization, industry leaders in telecommunications, major hardware manufacturers and software developers as well as vendors in systems integration and services. Since establishment, CIAT has facilitated the Taiwan Data Center's structural transition as it pivots from hardware to systems solutions and software services, solidifying the industry's cloud system platform, which integrates high-level hardware and software. A very long industry chain is the unique facet of the development from IoT to cloud computing. CIAT has thus enabled Taiwan to become the bedrock of innovation in cloud computing technology as well as leading the domestic cloud computing industry to the international stage.

In response to the needs of members, CIAT established Special Interest Groups (SIG) to focus on cloud-based drones, IoT security, artificial intelligence, smart health care, and LPWAN for IoT. The SIGs consolidate multi-faceted industry needs, such as relevant government policies, business models, and technological development, to arrive at specific policy proposals or joint development project proposals, while functioning as an important platform to study the industrialization of technology between legal entities and their industries. In short, CIAT focuses on the industrialization of technology and the promotion of systems and services based on a user-oriented approach, to stay ahead of the competition and redefine the cloud IoT industry chain in Taiwan.

Organization



Core Mission

System Committee

- Promoting the development of Cloud Computing/IoT/AI and other international open source hardware/software standard technology
- Sharing Cloud Computing & IoT software/hardware system platforms and system integration experiences
- Establishing software & hardware integrated energy-efficient cloud data centers and exporting turnkey solutions to overseas

Application Service Committee

- Promoting cloud computing & IoT application service operation models and building demonstration services
- Gathering and attracting domestic content service and application software companies to invest in related services
- Sponsoring "Cloud Computing & IoT Innovation Award" to encourage and boost innovative application services

Policy and Regulation Committee

- Instantly sharing of development trends of the international cloud computing & IoT industry and directions of regulation progress
- Collecting members' opinions and proposing policy recommendations for optimizing industrial development to the government
- Promoting the revision of industrial regulations and strengthening links with government applications.

Collaboration and Promotion Committee

- Assisting members to organize relevant domestic and international promotion activities
- Planning exhibitions and promoting exchanges and cooperation between members and relevant domestic and foreign companies/parties
- Sponsoring relevant seminars to help members grasp the latest industry developments and trends

Technology Experts Committee

- Analyzing the development trend of technology in the field of cloud computing and Internet of Things and assisting the government in drafting relevant policies
- Cultivating relevant domestic talents and establishing the Taiwan's industrial competitive advantages in the world.
- Assisting members to master new knowledge and technology development at home and abroad, and accelerating technology R&D and application solutions

Cross-Strait Affairs Committee

- Handling cross-strait cloud computing related mutual communication activities to help members expand business opportunities
- Promoting exchanges and cooperation opportunities between the Association (CIAT) as well as its members and relevant mainland authorities/entities
- Mastering the cross-strait development trends and related regulations of the cloud computing and IoT industry

Key businesses



UAV (Unmanned Aerial Vehicle) SIG

Exploring the development of UAV common key-components factories in Taiwan, we promote the practical application of agriculture, inspection, security and other fields, and develop innovative applications of the Taiwan UAV industry.



Artificial Intelligence SIG

We focus on the smart manufacturing, smart medical care, smart finance, smart surveillance and other fields, and invite industry elites to jointly apply AI technologies to create a new AI industry situation & prosperity.



IoT Security SIG

With the aim of promoting the cyber-securitization of Taiwan's industry and the industrialization of cyber-security, we focus on standardization of cyber-security regulations, the attack and defense of various fields, the cultivation of talents and personnel of security, and the notification mechanism.



Smart Health Care SIG

In response to the global demand for elderly care and aging society, we invite the industry, government, academia and research entities to plan the technological environment of Taiwan's smart care, and implement Long-term Care 2.0; jointly promote the applications and developments of smart health care industry.



LPWAN IoT Application SIG

In response to the demand for low-cost, low-power consumption, high-coverage, and massive IoT application features, the IoT ecosystem handbook, IoT network connectivity verification and IoT application field development will be promoted to accelerate the creation of Taiwan's future smart city.



Cloud Valley Incubation

Launched in 2013, the Taiwan Cloud Valley Incubation Project has employed the advantage of Taiwan's information and telecommunication industry year by year and linked up the members of the large-scale and small-scale entrepreneurial mechanism to assist the startups to enter the international market.



TASA (Taiwan AI System Alliance)

CIAT established the Taiwan AI System Alliance (TASA), using open source software and hardware resources to jointly develop cost-effective AI systems and implement AI industrialization goals.

CIAT Members



Supervisors



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