



Organizational Bylaws of the Digital Twin (DT) Committee Taiwan High-Tech Facility Association (HTFA)

(Approved by the Board of Directors on January 30, 2026)

Article 1 The Taiwan High-Tech Facility Association (hereinafter referred to as “the Association”) hereby establishes the Digital Twin Committee (hereinafter referred to as “the Committee”).

Article 2 The Committee is established in accordance with the Association’s Charter and resolutions of the Board of Directors to address the digital transformation trends across the planning, construction, and operation stages of high-tech facilities.

The Committee aims to promote the standardization of common concepts, application frameworks, data principles, and governance approaches related to Digital Twin (DT) technologies; to facilitate cross-domain integration and industry collaboration; to progressively clarify applicable scenarios and practical value; and to build industry-wide consensus.

Article 3 The Committee shall consist of the following officers:

1. Chairperson (one position): Appointed upon nomination by the Chairperson of the Association and approval by the Board of Directors.
2. Vice Chairpersons (one to three positions): Nominated by the Chairperson of the Committee and appointed by the Association with the approval of the Chairperson of the Association.
3. Executive Secretary (one position, optional): Appointed by the Chairperson of the Committee to allow for the handling of day-to-day administrative matters and coordination with the Association’s Secretariat.

The terms of office for the Chairperson, Vice Chairpersons, and Executive Secretary shall be concurrent with the term of the Chairperson of the Association and may be renewed.

Article 4 Membership in the Committee shall be subject to an application and approval process.

Committee members shall be categorized as follows:

1. General Members: Applicants must be members of the Association. Upon approval, General Members may participate in Committee-related activities and discussions.
2. Core Members: Applicants must be members of the Association and provide an annual sponsorship of NTD 200,000 as project development funding, or an equivalent contribution of technical resources as approved by a majority vote at a Core Member



meeting.

In addition to the rights of General Members, Core Members shall have the following privileges:

- The right to propose project initiatives
- The right to review and approve applications for new members
- Voting rights on Committee decisions
- The right to invite non-member participants (e.g., external technical experts) to attend specific meetings or participate in designated project activities as needed
- Priority access to review or trial non-public outputs produced by the Committee

For the inaugural term of the Committee, Core Members shall be reviewed by the Chairperson of the Committee and submitted to the Chairperson of the Association for final approval. Once the number of Core Members reaches three or more, the authority to review and approve subsequent applications shall be transferred to the Core Member meeting and exercised in accordance with these Bylaws.

Article 5 Based on practical needs and annual planning, the Committee may establish functional working groups as platforms for discussion, review, and analysis of relevant topics.

The purpose of each working group is to consolidate shared perspectives and practical experience and does not take the immediate formulation of technical specifications or implementation solutions as its sole objective.

Indicative working group themes may include, but are not limited to, the following and may be adjusted as necessary:

1. Data Standards and Governance: Focusing on data sources, data structures, surveys of relevant domestic and international standards, and discussions on cross-system data governance and exchange principles.
2. Intelligent Simulation Applications: Exploring application scenarios and value potential of artificial intelligence, simulation, and analytics technologies across different lifecycle stages of high-tech facilities, including but not limited to predictive analytics, scenario simulation, and decision support.
3. Robotics Applications: Sharing integration experiences related to robotics, autonomous mobility systems, sensing technologies, and related applications in operational and maintenance contexts, as well as examining their relevance and applicability to Digital Twin implementations.



4. Industry Engagement and Outreach: Promoting cross-organizational and cross-role collaboration, facilitating connections among industry, government, academia, and research institutions, and advancing knowledge sharing and talent development.

Article 6 Core Member meetings shall, in principle, be convened once every two months and may be convened on an ad hoc basis as necessary. General Committee meetings shall, in principle, be held once every six months.

Meetings may be conducted in physical, virtual, or hybrid formats.

Meetings shall be convened and chaired by the Chairperson of the Committee. In the absence of the Chairperson, a Vice Chairperson shall act as Chair.

A Core Member meeting shall require the attendance of more than half of the Core Members to constitute a quorum. Resolutions shall be adopted by a majority vote of members present. In the event of a tie, the Chair shall cast the deciding vote.

Meetings of project-based working groups shall be arranged by the respective conveners based on project progress and needs.

Article 7 The Committee shall maintain a dedicated account under the Association's Secretariat. Sponsorship funds contributed by Core Members shall be managed on an earmarked basis and shall be applied to expenses related to project meetings and working group activities. The proportion of administrative management fees shall be jointly determined by the Association's Secretariat and the Committee. Core Members may request access to the annual financial execution report of the dedicated account.

Article 8 Unless otherwise agreed, outputs produced by the Committee shall be managed by the Association. The disclosure, licensing, external provision, and retention period of such outputs shall be handled in accordance with the Association's relevant policies and individual contractual agreements.

Article 9 Matters not provided for herein shall be governed by the Association's Charter, resolutions of the Board of Directors, and applicable laws and regulations.

Article 10 These Bylaws shall take effect upon approval by the Board of Directors. Amendments shall follow the same procedure.