

Founder, Hong Kong–Shenzhen Launch Reality and the First Deployable Work

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From Documented Engineering to One Accepted Work

The final four chapters bring a long history of physical product engineering into a bounded new commitment: one authorized human request, one responsible work position, one evidence-backed result and a path another operator can reproduce. A founder, several companies and eight possible starting places provide context; none supplies unconditional ownership, permission, legal capacity or guaranteed outcomes.

The first launch is not an invitation to reflash every phone, turn hotel rooms into workshops or merge partner businesses. Ten Billion / 百亿 phones remains a worldwide possibility rather than a counted active fleet. Start from genuine human need and available local Reality; specify the missing condition, assemble only permitted capabilities, record failure as well as success, and accept nothing until a human reviewer can verify it.

CHAPTER 27 / DOCUMENTED ENGINEERING AND FIRST ACCEPTED WORK

27. About the Founder: A Documented Engineering Lineage

Engineering credentials need their own evidence

PROPOSITION

A founder-supplied documentary lineage is a credible basis for research framing, but it is not an inherited corporate licence or current technical certification.

27.1 Benny Liao / Liao Yan: HSIMC founder and hands-on systems builder

The founder is identified in this publication as Benny Liao / Liao Yan, drawing on founder-supplied professional documents and engineering records. His contribution is not a claim to own every technology discussed: it is the practical practice of defining a physical problem, identifying a responsible party, testing whether an object works, and preserving the evidence another operator needs.

The biography is a source-and-permission register, not an automatic credential for HSIMC. Names, appointments, technical roles, speaking records and company affiliations require their own provenance. A historical leadership responsibility may continue to be relevant without making any partner's current tools, clients, funds or premises available to this new Work.

27.2 GB 16844—1997: named co-drafter; international alignment, interchangeability, testing and abnormal-condition safety

China's historical GB 16844—1997 standard concerned safety requirements for self-ballasted lamps for general lighting. The official national-standard catalogue records its publication in 1997 and later replacement; founder-supplied documentary evidence identifies a named drafting participation, which should be checked against the original archival text before broader biographical republication. An old drafting credit is not present-day conformity approval.

The engineering lesson remains instructive: international alignment does not remove responsibility for interchangeability, electrical protection, abnormal-condition testing and clearly stated limits. For HSIMC, a new GenAI physical capability must carry its own applicable standard, test conditions, hazard controls, date, operator and independent acceptance evidence. Neither AI reasoning nor a decades-old engineering credit substitutes for a current qualified test.

27.3 Beijing 2015: Machine Vision and Industry 4.0; Nanjing 2016: service-robot development; Chengdu 2017: sensors and networked value

The founder's supplied lecture and presentation record follows a line through Beijing in 2015 on machine vision and Industry 4.0, Nanjing in 2016 on service-robot development, and Chengdu in 2017 on sensors and networked value. These are historical accounts of professional exploration, not proofs that today's proposed systems have been certified or deployed.

Seen together, the records show a recurring question: how can a sensor, a product, a machine and a human exchange reliable information so that useful action becomes possible? The present proposal adds model-mediated interpretation and MCP interfaces, but retains responsibility for safe physical execution, documented decisions, human participation and the consequences of failure.

27.4 Established Pannex Chief Digital Officer responsibilities, global clients and supply-chain work; documented InnoSpire Advisor appointment

The founder describes enduring Chief Digital Officer responsibilities at Pannex, global customer and product-engineering relationships and supply-chain cooperation. These cannot be erased to simplify an HSMC organizational chart, nor should they be represented as authority to bind Pannex to a new programme. The founder also reports a documented advisory appointment with InnoSpire.

These roles are disclosed as relevant engineering and human relationships, with distinct company rights. A customer order, invention, accessibility service, production commitment, intellectual property licence, professional introduction or joint pilot belongs to the parties actually authorized for it. Public use of appointment records or materials is limited to what their owners have approved.

27.5 Connecting the earlier questions to GenAI-native infrastructure—without treating history as present-day certification

The same engineering discipline appears across the earlier questions: lamp safety and product information, modular physical structures, machine vision, smartphone and NFC interfaces, local computing and supervised Work graphs. A modern e-Person may coordinate the sequence, while neither a phone nor a model becomes the legal owner of the worksite.

Historical records can explain why the architecture exists but cannot prove the present implementation. Every 2026 device, firmware image, cable, reader, place and connector still requires date-specific capability tests, authorization, recovery behaviour and acceptance by the intended human recipient. The lineage supplies method, not a free pass.

27.6 Shenzhen Elsun IOT Ltd.: documented 2017 establishment and the founder-reported cloud-service path

Founder-supplied company documents describe Shenzhen Elsun IOT Ltd. as established in 2017, together with an earlier cloud-service and physical product information path. The entity and its historical work may be relevant to Shenzhen engineering experience, but this manuscript does not independently verify all registry fields, current operations, ownership or licensing terms.

Its inclusion is a transparent historical reference, not a transfer of corporate assets to HSMC. Access to employees, source code, accounts, manufacturing capacity, facilities or data would require the correct legal entity and present authorization. Any later joint Work would record separate scope, deliverables, economic participation and acceptance evidence.

WORK / HUMAN ACCEPTANCE TEST

Accept this chapter only if private documents, public standards, enduring roles and proposals remain visibly separate.

28. Hong Kong and Shenzhen as a Complementary Launch Base

Two complementary sets of conditions, not one company

PROPOSITION

Hong Kong and Shenzhen can help connect human demand with design, components, supervision and acceptance. The useful result is a completed Work, not the appearance of a new corporate geography.

28.1 Hong Kong: accessible innovation, global communication, commercial relationships and supervised work delivery

Hong Kong offers a real setting for public communication, accessible interface testing, commercial discussion and professionally supervised service delivery. A globally useful Work may begin with a locally meaningful question in a user's own language and jurisdiction, rather than an assumed universal app or product specification.

Availability of Hong Kong institutions, customers and shared facilities is not an operating licence. Each activity must respect site host rules, accessibility, privacy, labour arrangements, intellectual property and relevant local obligations. HSIMC proposes to make these conditions visible before claiming a service ready.

28.2 Shenzhen: component access, integration, fixtures, prototypes and capability-supply formation

Shenzhen contributes proximity to component ecosystems, fixture shops, integration knowledge, prototype methods and supply-chain decisions. A missing cable, reader, mount, enclosure or test fixture can sometimes be designed or sourced there more directly than through distant catalogue cycles.

A faster route is not a promise of instant manufacturing, a general capacity reservation or compliant delivery. Drawing release, materials, samples, measurement conditions, ownership, export/import duties and receiving-side acceptance remain independent gates. The correct decision can be to reuse a qualified standard product, to adapt, or to stop an unsafe approach.

28.3 Cross-boundary Work: one accepted task with separately identified parties, contributions and responsibilities

One bounded Work may cross Hong Kong and Shenzhen without pretending that the participants form a single company. The requester defines intended results; one party might prepare information; another may manufacture or inspect a fixture; the receiving host verifies it on the actual equipment.

The Work record should distinguish jurisdiction, legal counterparty, authority, who possesses each object and dataset, commercial terms, hand-off evidence, import/export controls where applicable and the acceptance decision. A shared URL or agent dialogue does not transfer employment, intellectual property, customer ownership or permission to act.

28.4 University and science-park settings as practical access contexts—not implied institutional endorsement

A university room, a science-park meeting space or a prototyping laboratory can be a valuable setting for education and technical collaboration, subject to the actual programme and host. PolyU, the Hong Kong Science Park and other institutions offer independently managed facilities; a founder's visit, booking or affiliation is not institutional endorsement of HSIMC.

The first question for any intended trial is whether the named operator has booked and been authorized to use the precise room, tools and time. Equipment competence, insurance, student safeguarding, visitor rules, publication consent and technical supervision may be separate requirements. Proposals remain conditional until the host accepts them.

28.5 Global value added through deployable capability and continuity, not geographical labels alone

Geography alone is not global added value. The measurable contribution is what changes between the initial missing condition and an accepted outcome: a safe adapter, a verified NFC information handoff, a more accessible interaction, a shorter decision cycle or a reproducible repair.

Record elapsed time, inputs, cost, responsible operator, original state, errors, user-visible result and follow-up. Credit the actual contributor and do not attribute a whole customer's transaction to HSIMC merely because its infrastructure touched one step. A failed or declined Work still provides useful learning when recorded faithfully.

28.6 A capability-completion network for components, integration and cross-border work

The proposed capability-completion network connects requirements to independently qualified contributors for electronic components, physical fixtures, integration, software adapters, testing and local work. It is not a claim that every listed supplier is under contract or ready to receive automated orders.

For a first trial, one supply question is enough: can a documented missing condition be satisfied within a real decision window, by a lawful provider, with verifiable quality and a clear alternative if it cannot? Preserve provenance,

prices and lead times as time-bounded evidence, and allow a person to choose a different route.

28.7 Bilingual understanding translated into testable specifications and accepted decisions

Bilingual communication becomes engineering value only when both sides agree on the same measurable requirement. An English request for a data-and-power cable and a Chinese production note must resolve to the same pinout, rated conditions, test setup, tolerance, visual marking and acceptance procedure.

AI translation can prepare drafts and reveal mismatches, but it cannot silently certify a specification, replace a human reviewer or make an uncertain legal claim definitive. Attach language, revision, source, reviewing party and effective date to the Work. Where jurisdiction requires a specific official language, that is a separate compliance condition.

WORK / HUMAN ACCEPTANCE TEST

Accept a cross-boundary scenario only when every actor, site, jurisdiction, permission, custody handoff, cost and deliverable is explicit.

29. Eight Founder-Accessible Starting Locations

Eight candidate access points; zero automatic activation

PROPOSITION

The eight founder-reported starting locations represent different human and engineering contexts. Their listing does not establish present occupancy, public admission, institutional backing or authority to execute.

29.1 Kwun Tong 6K: a candidate integration and physical-verification work position

The founder-reported Kwun Tong 6K work position is a candidate for supervised integration, device comparison, NFC read/write trials and physical verification. Its reported workshop scale and access history suggest useful preparation capacity, but are not a public invitation or independent facility certification.

Before any external Work, verify actual host authorization, power and network safety, emergency arrangements, equipment ownership, secure sample custody, accessible entry, storage and the designated supervisor. Start with a low-risk desk task, record its real runtime, and separate local technical success from any public service promise.

29.2 Admiralty, PolyU campus, Wan Chai and Science Park: meetings, accessible research and engineering collaboration

Four Hong Kong access contexts in the historical plan are Admiralty, the PolyU campus, Wan Chai and Hong Kong Science Park. They serve different candidate purposes: meetings and digital coordination, university interaction, time-bounded exhibition decisions, and supported engineering research. The precise rooms, equipment and permissions must be established separately.

A pass to a trade event does not grant machinery access; a university introduction does not secure a lab; a science-park room does not make a company a research partner. Each proposed host, operator, time window and permitted Work must be documented before the location is listed as activated.

29.3 Mirador Mansion Shop 23 and selected hotel rooms: user-facing entry and a proposed Personal Reality Pod

Mirador Mansion Shop 23 in Tsim Sha Tsui and selected hotel rooms are two different proposed user-facing entry contexts. A shop counter might support explanation, consent and product handoff; a legitimately authorized temporary room might help examine a Personal Reality Pod idea. Neither premise is represented here as a deployed public network.

Hotel and guesthouse use, electrical work, visitor safety, privacy, business operations and room rules require their own permission and legal review. Never assume overnight accommodation can be converted into a public AI workshop, commissioning station or paid service counter merely because a founder can visit it. A candidate can be rejected without harming the broader method.

29.4 Futian Foreign Trade Building 21B: Shenzhen integration and supply coordination

Founder-reported Shenzhen access at Futian Foreign Trade Building 21B is the eighth candidate start point, intended for supplier communication, sample integration and cross-boundary coordination. The building reference is a site lead rather than independently verified current occupancy, a production licence or an invitation to visit.

Its first useful contribution may be a measured response to one fixture or component requirement, with named contacts and acceptance criteria. Do not move customer samples, operational credentials, controlled technology or personal data across the boundary without the required permission and legal basis.

29.5 One site, one responsible host, one bounded Work, one acceptance record before any scaled service claim

The eight candidates are a resource map, not eight launches. Each site is a separate Reality with a legal host, actual address known to authorized operators, permitted hours, safety rules, responsible human, equipment condition and a defined Work. No shared global activation status is inferred from the list.

The sequence is host verification, bounded intent, capability readiness check, informed consent, supervised activity, independent readback and signed or explicitly recorded acceptance. A missing host response, unavailable power, unsafe device or unapproved use is a stop condition—not an administrative inconvenience to override.

29.6 Tsim Sha Tsui and 6K as complementary proposed evidence settings, not an operating network claim

Tsim Sha Tsui and Kwun Tong 6K illustrate complementary settings, not interchangeable ones. A user-facing shop context could receive a question and explain choices; an integration desk could verify a cable, reader, phone or information path; the two can exchange an evidence package when both hosts authorize it.

A repeatable handoff should not require a customer to surrender unnecessary personal information or allow an engineer to inherit shop permissions. Test each interface under actual constraints, document what moved, who accepted it and how the requester can recover, revoke or discontinue the Work.

WORK / HUMAN ACCEPTANCE TEST

For each location, require a named authorized host, permitted operating window, equipment safety, local policy and one accepted Work receipt before a readiness claim.

30. From Accessible Premises to Accepted Launch Work

The first accepted Work is smaller than the ambition

PROPOSITION

A ten-billion-phone invitation does not require a ten-billion-device deployment, or a simultaneous launch across eight locations. The first production proof is a single real-world question answered and independently accepted at an authorized desk.

30.1 A first reference site and three company-linked work briefs, not eight simultaneous product rollouts

Select one genuinely available reference desk before announcing a network. Three company-linked exploratory briefs—product information or NFC continuity with Pannex, accessible interaction with InnoSpire, and supervised digital-employee work with Kingsware—can be kept as separate optional research briefs, not simultaneous commercial deployments.

The initiating Work must remain executable without presuming partner signatures, FIFA digital-service rights, access to Kingsware proprietary services or InnoSpire users. If a partner later joins, add a scoped agreement and contribution record. Otherwise the initial HSIMC-only research path stays bounded and independently testable.

30.2 Consent, equipment, operators, support, cost and local-use conditions before inviting users

An invited operator needs a plain-language statement of the task, what the phone or reader will do, which data may be collected, any local power or cable hazards, whether an AI model or remote service is involved, the proposed price and who supports recovery. Agreement to read an NFC tag is not consent to copy a personal device.

Before execution, capture device state, user choice, required equipment, training, host authority, local language and privacy requirements, accessibility needs, expected evidence and stop triggers. Make refusal, change of mind and human escalation visible. A technically feasible action remains prohibited if its legal or human authority is missing.

30.3 Activation and recovery trials at an authorized desk; ATM-like self-service remains a later configuration

A low-risk commissioning desk can first test sample identity, NFC readback, a URL-to-QR-to-copy pathway, a compatible phone and the operator's ability to show a result. Only separately authorized procedures may install software, request Android permissions, write a tag or alter a device.

Future ATM-like self-service is a different, higher-assurance configuration needing safe enclosure, unattended behaviour, clear supervision and recovery design. Do not call it deployed because a desk demonstration passes. Begin with an attended process whose every action is observable and reversible where technically possible.

30.4 Publish evidence and repeat with another operator, device and site

The first operator should record versioned instructions, sample identifiers, input and output hashes where appropriate, error conditions, true elapsed time and the receiving person's acceptance statement. A second operator should be able to understand the evidence without relying on the first operator's memory.

Replication then changes one dimension at a time: another eligible device, another trained person or another authorized site. Document incompatibility and refusal as outcomes. A one-off demo becomes infrastructure evidence only when a comparable, bounded result can be recovered and reproduced without secretly expanding authority.

30.5 Progressive manuscript development: freeze the TOC, then release each evidence-backed chapter with its version history

C0-009 remains the frozen 30-chapter table-of-contents and rights-boundary blueprint. Parts I–IX are versioned, evidence-backed narrative publications; publishing the chapter sequence does not make every future pilot, technical claim, national permission or translation independently accepted. The historical editions must remain available and byte-identical.

Every Part preserves its English canonical source, identified translations, A4 and web editions, document hash, test receipt and corrections as a new version rather than silent replacement. The front catalogue may point first to the latest published Part while still linking the underlying C0-009 outline and previous Parts, distinguishing manuscript completion from productive network readiness.

30.6 One bounded decision-window Work, real timing, explicit acceptance and independent replication

The proposed first decision-window Work is deliberately small: at an authorized desk, a consenting person presents a sample NFC-enabled accessory or its reference URL and asks one specific, legitimate product-use question. The operator checks sample custody and source provenance, retrieves bounded information, explains uncertainty and offers a next action without silently writing a tag, changing a phone or activating any partner service.

Record the user's question, consent, operator, location authorization, start and end times, sources, readback, any failure and the person's explicit result acceptance. If evidence is missing, answer cannot be confirmed or permission is withdrawn, the Work stops with a truthful receipt. A repeat with another authorized operator is the first replication gate; any wider service, revenue or ten-billion-phone claim follows only from measured evidence.

[Non-executable first authorized desk Work and eight-site candidate register ↗](#)

WORK / HUMAN ACCEPTANCE TEST

A first Work passes only with documented permission, sources, actual timing, human acceptance and a clean stop or replicable handoff; without them the gate remains pending.

Evidence register and verified limitations

1. [H0] [HSIMC C0-009 frozen original 30-chapter outline](#) — Canonical section identity; earlier editions remain unchanged.
2. [H1] [HSIMC Part VIII C0-018 three independent pathways](#) — Pannex, InnoSpire and Kingsware roles are not merged or automatically contracted.
3. [H2] [HSIMC Part VII C0-017 contribution and economics](#) — Bounded service cost, rights and acceptance.
4. [E1] [National Standard Information Public Service · GB 16844-1997 and successors](#) — Official history confirms safety subject and superseded status, not who signed the original drafting page.
5. [E2] [HKSAR Government · Smart Traffic Fund and InnoEX 13 Apr 2026](#) — Public smart-glasses exhibition and transport research; no government endorsement of HSIMC.
6. [E3] [CityU HK Tech 300 · InnoSpire independent start-up profile](#) — Third-party description; no transfer of InnoSpire technologies or approvals.
7. [E4] [Hong Kong Productivity Council · Inno Space facilities and access](#) — Facility capabilities and booking requirements, not unlimited HSIMC usage.
8. [E5] [PolyU Industrial Centre · Integrated Prototyping Space](#) — Official facility listing; host approvals and training apply.
9. [E6] [HKSTP · Hong Kong Science Park workspace and labs](#) — Independently run facilities, not HSIMC-certified sites.
10. [E7] [HKSAR Home Affairs Department · Hotels and guesthouses licensing](#) — Accommodation regulation does not itself grant rights for public workshops or service counters.
11. [E8] [HSIMC · Open Engineering Reality research register](#) — Historical engineering cases and prospective field trials require their own acceptance records.
12. [E9] [Founder-supplied documentary register and C0-009 background](#) — Lecture dates, 1997 drafting credit, 2017 Elsun record, Pannex role, InnoSpire appointment and site access originate from nonpublic founder material; not independently validated by the linked public outline.

Source provenance and acceptance limits ↗

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NEXT GATE. Publish Part IX six languages under an immutable English source; preserve Parts I–VIII and C0-009; perform print and real-browser QA; install to a new Azure directory; update the catalogue only after separate publication acceptance; then execute a first independently recorded authorized desk Work.