



PT Hanz Kode Terpadu

PT Hanz Kode Terpadu (HanzCodes)

Product and Service Catalogue

Applications, networks, and AI for government agencies, companies, and small businesses in East Java.

October 2026 edition

Prices for agencies and companies are given in a quotation letter once the scope of work is agreed. Prices of the small business packages are listed in this catalogue.

hanzcodes.my.id · founder@hanzcodes.my.id · WhatsApp +62 838-4055-7309

How to read this catalogue

Every product and AI service has a status label, so you can see which are ready to use and which are still at the design stage.

Label	Meaning
Ready to use	Open to the public now.
On request	Installed on the client's server once ordered.
Prototype	A demonstration example, not an official service.
Tested internally	Built and tested in our own environment, not yet installed at any client.
In development	Partly built, not yet ready to demonstrate.
Design stage	Not built yet. Work starts after an order and a needs assessment.

Products

These apps open in a phone browser, with no download from the Play Store. Agencies or companies that want a custom version on their own server can contact us.

App	What it does	Status
BukuGembok bukugembok.hanzcodes.my.id	A shared cash book that no one can change in secret. For neighbourhood groups, arisan, and farmers' groups. Works offline.	Ready to use
QRIS-EDC qris-edc.hanzcodes.my.id	Turns a phone into a QRIS till for traders and small businesses. Customers scan a QRIS code with the amount already set.	Ready to use
NotaKita notakita.hanzcodes.my.id	A record of informal loans between neighbours. Agreed entries cannot be changed by one side.	Ready to use
SAVIS savis.hanzcodes.my.id	Phone-based AI that estimates nutrient deficiencies in soybeans from a leaf photo, offline. AI model from research by Hasby Asshiddiqi, app by HanzCodes.	Ready to use
LMS Adaptif lms.hanzcodes.my.id	Online learning system that suggests lessons from a pre-test and marks short essays automatically. Current subject: grade 11 senior high school biology.	Ready to use
Digital signatures	Electronic signatures for PDF documents, installed on the client's own server. The signatures are uncertified electronic signatures.	On request
JombangSatu jombangsatu.hanzcodes.my.id	A sample one-stop public service portal for demonstrations. Not an official service of the Jombang Regency Government.	Prototype

AI services

All the AI services below are designed to run on the agency's own server. As of October 2026, none has been installed at a client. The status of each service is in the right-hand column.

Running AI on your own server usually needs a server with a graphics card (GPU). We can help you work out the server requirements before procurement.

Assistants and automation

Service	Use	Status
AI Document Assistant local RAG	Staff ask questions in plain language about SOPs, regulations, or internal documents. Each answer refers to the page of the original document.	Tested internally
AI Personnel Assistant	Answers questions on leave rules, promotions, and staff entitlements, quoting articles from official documents. Based on the Document Assistant.	Design stage
AI SOP Assistant	New staff ask about the steps of a work procedure. Answers come from the agency's SOP documents. Based on the Document Assistant.	Design stage
HelpDesk AI multi-channel	Residents ask questions on the website or WhatsApp. The AI answers from the agency's information and passes questions to staff when needed. Ticketing and a staff dashboard already exist in the JombangSatu prototype.	Design stage
AI Workflow Automation	Automatic sorting of incoming letters, meeting summaries, and multi-level approvals.	Design stage
AI Customer Service chatbot	A chatbot that answers from data prepared by the agency or company, on the website or WhatsApp.	Design stage
AI for Multiple Departments AI workplace	One AI assistant for several departments at once. Each department's data is kept separate.	Design stage
AI Official Letter Drafter	Staff type plain instructions, and the AI drafts a letter in the official correspondence format. Staff still check the draft.	Design stage
Public Service Sentiment Analysis	Summaries of public opinion from satisfaction surveys or residents' feedback, per service unit.	In development

AI services, continued

Processes and oversight

Service	Use	Status
AI Server Monitor	Monitors servers and warns before problems occur, such as a nearly full disk or early signs of hardware failure.	Design stage
AI System Quality Monitor agent monitoring and observability	Checks the quality of answers from AI systems already in use: accuracy, made-up answers, and decision logs for audits.	Design stage
IT Audit with Multiple AI Agents multi-agent	Several AI agents scan servers, look for security gaps, check against the rules, and draft a report. A person reviews the results.	Design stage
Letter Routing Automation	AI reads incoming letters, sorts them, forwards them to the right unit, and notifies the officials concerned.	Design stage
Application File Check Automation	AI checks whether application or complaint files are complete, then tells the applicant if anything is missing.	Design stage
AI Procurement Document Reader	Reads procurement documents, checks them against the rules, compares price history, and flags anything unusual in a draft report.	Design stage
AI Bookkeeping Reconciliation	Automatically matches bank transactions, deposits, and the cash book, then flags differences.	Design stage
Unit Price Data Centre	A database of standard unit prices for goods and services, replacing Excel files. Fast search, price history, and export for cost estimates (RAB).	In development

Sector services and integration

Service	Use	Status
AI Permits and Spatial Planning Assistant	Residents check whether a location fits the zoning, estimate local fees, and check their documents are complete before applying.	Design stage
AI Civil Registration Assistant	Guidance on the documents needed for civil registration at any time, and an early check that documents are legible before residents come to the counter. Not linked to population data without permission from the competent authority.	Design stage
AI Health Services Assistant	Online queues, room availability from the hospital system, and patient guidance via WhatsApp.	Design stage
AI Disaster Monitor	Processes sensor and weather data to flag potential hazards and help prepare mitigation maps. Official warnings still come from BMKG (the national weather agency) and BPBD (the regional disaster agency).	Design stage
One Data Integration with AI Agents	Aligns and checks data across units, for example so that aid recipients are not recorded twice.	Design stage
Local AI Server Installation	Installs an AI server at the client's site: a server with a graphics card (GPU), local AI models, and internal network security.	Tested internally
AI Integration into Existing Systems	Connects AI features to existing information systems (SIM), ERP, portals, or databases, without rebuilding the old system.	Design stage

IT and consultancy services

We provide the following services to order. Rows marked * are consultancy services, so their direct procurement (Pengadaan Langsung) threshold is IDR 100 million.

Service	Use
Custom Applications	Applications built around office workflows, from needs analysis to installation on the server.
Android and iOS Mobile Apps	For public services or field staff.
Official Websites	Websites for agencies, departments, regional government-owned companies (BUMD), or companies, new or redesigned.
Data Links Between Systems API, SPLP	Automatic data exchange between systems to the SPBE e-government standard.
Legacy Application Maintenance	For applications abandoned by their developers: bug fixes and security updates.
Legacy Application Modernisation	The technology is updated without changing the main workflow.
Application Consolidation SSO	Several applications combined in one portal with a single login.
Faulty Application Repair	Finding and fixing the causes of slow or error-prone applications.
Security Vulnerability Assessment *	Security checks of applications, servers, and networks.
Data Backup and Disaster Recovery backup, DRP	Encrypted backups to office storage (NAS) and a disaster recovery guide.
IT Health Check *	Infrastructure, network, governance, and SPBE readiness.
Cashless Payment Integration	QRIS and regional bank virtual accounts for local levies and bills.
Digitalisation Plan *	A plan for 1 to 3 years: priorities, budget estimates, and technology.
Scheduled Maintenance	Maintenance contract: server monitoring, security updates, and remote technical help.
Office Networks and Servers	Networks, Wi-Fi, local or rented servers, firewalls, and basic security.
Staff Technical Training	Training in using applications for technical and non-technical staff.
Data and Report Dashboards	Views of operational, performance, or financial data, replacing manual periodic reports.
Archive Digitisation OCR	Paper documents are scanned and their text recognised, so the archive becomes searchable.
Data Consolidation and Cleaning data engineering	Data from different sources is cleaned and combined into one database.

Small business packages

For small businesses in Indonesia, we offer packages at fixed prices in Indonesian rupiah (IDR). Details and ordering: hancodes.my.id/en/small-business-packages.

Package	Price	What is included
IT consultation	IDR 200,000	One hour of consultation by Google Meet or WhatsApp call.
Problem fix	IDR 500,000	We find the cause of one specific problem and fix it.
Google Business Profile setup	IDR 750,000	Your business appears on Google Maps with a complete business profile.
SEO (search engine optimisation)	IDR 1,500,000	A site check, fixes on the site's pages, and Google Search Console setup.
Small office network	IDR 2,000,000	Installation and configuration of a router and access points for a small office. Equipment is not included.
Landing page	IDR 2,500,000	A single web page that looks good on phones, including a domain and 1 year of hosting.
Business profile website	IDR 3,500,000	A website of several pages with a simple content management system.
Custom project	By quotation	Tell us what you need and we will send you a quotation.

Brief terms

- Prices are final. PT Hanz Kode Terpadu is not yet registered for VAT (non-PKP), so it does not charge VAT (PPN).
- 6-month repair warranty for work packages. It does not apply to IT consultation sessions.
- Full refund if work has not started or if we are unable to do the job.
- Full terms at hancodes.my.id/en/terms.

How to order

1. **Choose a package** at hancodes.my.id/en/small-business-packages.
2. **Contact us** by email or WhatsApp with your name and the package.
3. **Pay** using the payment details we send you.
4. **Work begins.** We contact you during service hours, Monday to Friday, 09:00 to 15:00 WIB (UTC+7).

Scan to order



Small business
packages
[/en/small-business-packages](https://hancodes.my.id/en/small-business-packages)



WhatsApp
+62 838-4055-7309

Terms for agencies and companies

Procurement methods

e-Katalog	PT Hanz Kode Terpadu is listed on the government e-Katalog. Supplier profile: katalog.inaproc.id/hanz-kode-terpadu
Direct procurement	For work within the threshold. Under Presidential Regulation (Perpres) 46/2025, it is IDR 200 million for goods and other services and IDR 100 million for consultancy.
Local small business	Perseroan perorangan (single-shareholder company), the legal form for micro and small businesses, based in Jombang Regency. Agencies must spend at least 40% of their procurement budget on micro and small firms and cooperatives.
Budget	We fit the scope to the budget in the agency's SiRUP procurement plan or DPA budget document. We do not split one job into several packages to fit the direct procurement threshold.

What you receive

- A perpetual usage licence for one agency, paid once, with no monthly rental fee.
- Installation, server set-up, and initial data migration.
- Technical training for staff and a user manual.
- Bug-fix warranty for 6 months from handover.
- Data stored on the agency's server.

Copyright in the software remains with PT Hanz Kode Terpadu, and the agency receives the right to use it. After the warranty ends, maintenance can continue under a separate maintenance contract.

Documents we prepare

A price quotation with scope details, technical specifications, legal documents (NIB, AHU certificate, NPWP), an integrity pact and, on completion, the handover report and user manual. The agency prepares the terms of reference (KAK) and owner's estimate (HPS). We give technical input on request.

Payment

By transfer to the PT Hanz Kode Terpadu account, in the instalments set in the work order (SPK) or contract, usually after handover. We are not yet registered for VAT (non-PKP), so we do not charge VAT (PPN).

How to order

1. Needs discussion, free of charge.
2. Written quotation: scope, schedule, price.
3. Work within the agreed scope.
4. Installation and staff training.
5. Handover (BAST).
6. 6-month warranty, then maintenance if wanted.

Contact

founder@hancodes.my.id · WhatsApp +62 838-4055-7309

Monday to Friday, 09:00 to 15:00 WIB (UTC+7)

Dsn. Ngrawe, Ds. Morosunggingan, Kec. Peterongan, Kabupaten Jombang, Jawa Timur 61481



Website
hancodes.my.id/en



Company Profile
</en/documents/company-profile>