

The Competition Digital Ecosystem

Sovereign by construction

Everything — including the AI models — runs on infrastructure the authority controls. Keys are held by the authority alone.

AI with guardrails, humans in command

Every AI output is source-cited; legal qualification is refused by rule; humans validate every step.

Owned, not rented

Every AI output is source-cited; legal qualification is refused by rule; humans validate every step.

Legally probative by design

Second-precision timestamps, chained fingerprints and non-purgeable audit trails in every component.

Inclusive by default

Trilingual with strict functional equality, WCAG AA, engineered for 512 kbit/s connections.

Compliance-mapped

ISO/IEC 27001, NIST SP 800-53, OWASP ASVS and OWASP LLM Top 10 — audited before every go-live.

Request a live demonstration, a scoping workshop or a Competition DataBank trial.

competition.app

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THE DIGITAL ECOSYSTEM COMPETITION - BROCHURE

Sovereign. Multilingual. Legally probative. Built for authorities, not adapted to them — and proven in production at West Africa's regional competition authorities.

Website: <https://www.competition.app>

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01. THE ECOSYSTEM

One ecosystem. Nine components. Your infrastructure.

A complete, integrated platform covering the full lifecycle of competition regulation — public information, complaint intake, formal e-submissions, secure case collaboration, statistics, AI-assisted analysis — behind a single sovereign security shield. Deploy all nine, start with two or three, or integrate any single component with the systems you already run.

FACE THE PUBLIC

01 Public Competition Portal
A citable registry of decisions and a legal corpus with status in force — the single gateway to every digital service. Trilingual, accessible, tamper-evident.

02 24/7 AI Competition Assistant
A sovereign AI assistant that answers the public with cited sources, refuses rather than hallucinates, and hands over to your agents in one click.

03 e-Submissions Portal
Merger notifications, exemptions and leniency applications filed as sealed, second-precision, legally opposable acts — with deadline clocks that never slip.

04 Complaints & Referrals Manager
A tamper-proof front door for complaints: guided intake, intelligent triage where the agent decides, and businesssecret protection built in.

EMPOWER YOUR CASE TEAMS

05 Statistics & Market Intelligence Hub
One authoritative statistical base — concentration indices, price observatories, State-aid tracking — from offline field collection to open data.

06 AI Merger & Investigation Intelligence
Multi-agent AI that detects operations, reads massive case corpora with every assertion cited, screens for bid rigging and drafts acts — humans validate every step.

07 AI Analytics Studio
Ask your market-data questions in plain language and receive sourced, reproducible analyses in minutes — on a sovereign LLM that never lets data leave your domain.

08 Secure Case Collaboration Environment
Governed case workspaces, cross-border cooperation and an end-to-end encrypted vault for leniency evidence — where even your administrators hold no keys.

PROTECT EVERYTHING

09 Application Security Shield
One sovereign firewall in front of everything: scoring-based detection, 24-hour virtual patching, and no legitimate filer ever wrongly blocked.

09
components, one ecosystem —
each a complete product

1
secured backbone — API gateway ·
federated SSO · event bus

100%
sovereign — open-source stacks, zero
licence cost, IP transferred

02 . DATA AS A SERVICE

Competition DataBank

Already aggregated, cleaned and harmonized competition-relevant data from the world's reference sources — ready for market definition, concentration analysis and merger screening on day one.

A curated data service operated by Humanics Global Advisors: reference series from the World Bank, the IMF, FAO, UN agencies, ITC, stock exchanges, central banks and statistics offices — collected on their release cycles, cleaned, harmonized to common codes and units, documented with lineage, and delivered through the Statistics Hub, the AI Analytics Studio, an API or bulk exports.

1 Collect on each source's release cycle	2 Clean deduplicated, unit- and currency-normalized	3 Harmonize ISO codes, HS / ISIC, base years	4 Document lineage and licence per series	5 Publish Hub, Studio, API, bulk export
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8 source families, one harmonized model
100% of series documented with lineage
4 delivery modes — Hub, Studio, API, bulk

They have trusted us

Portals, registries, observatories, e-forms, secure collaboration and AI platforms delivered for African and multilateral institutions.



Since 2022, Humanics has designed, built, hosted and operated the ECOWAS Regional Competition Authority's information system and digital ecosystem — the blueprint every component generalizes. The UEMOA Commission has engaged Humanics on the design of its full nine-component ecosystem.

2022
ERCA systems in production
since

~30
ERCA decisions issued by Aug
2026

12
ECOWAS member states
served

1,500+
requirements specified for
UEMOA