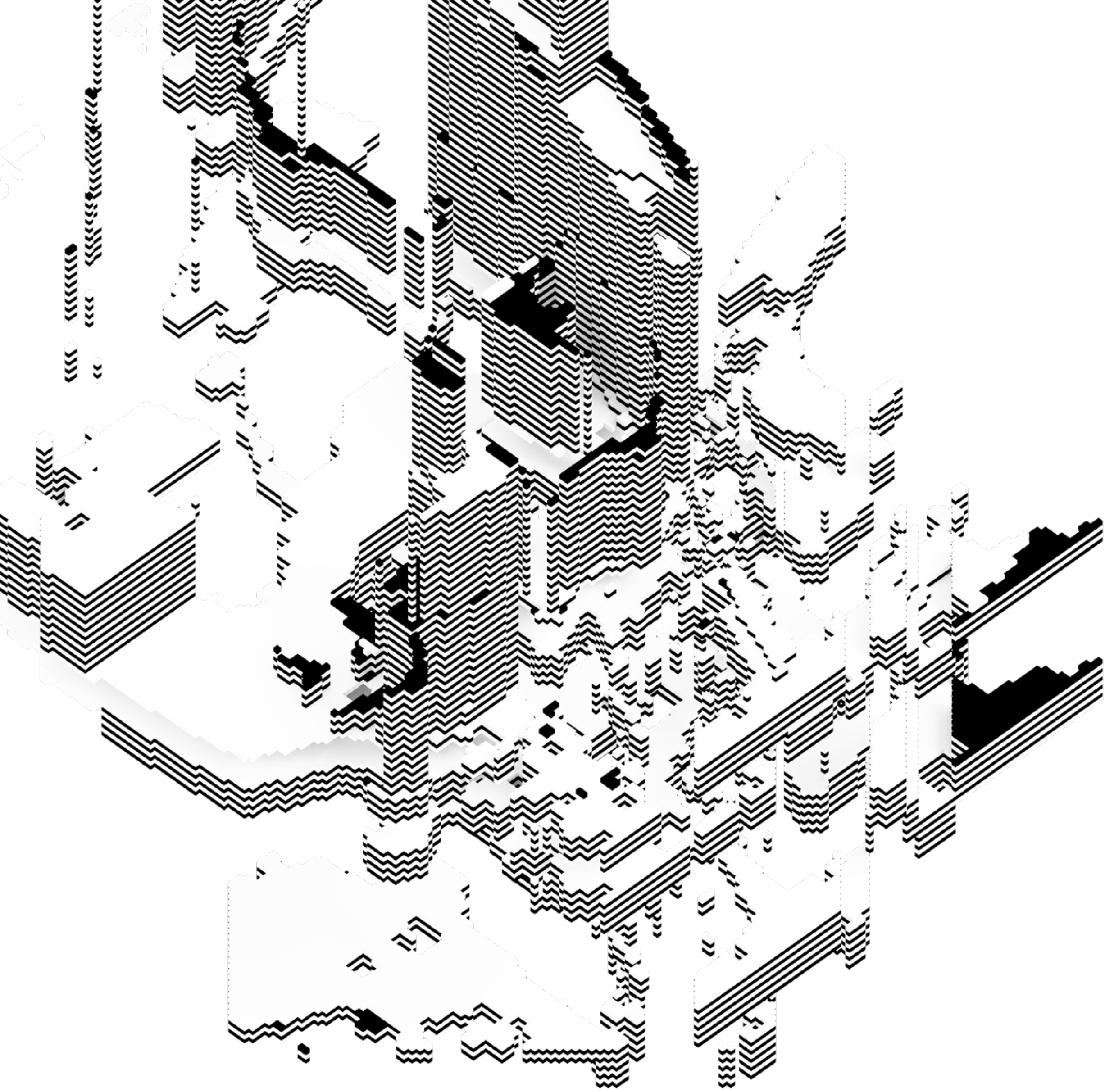
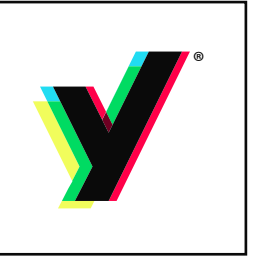




CTT as a Physical-Digital Operating System

António Câmara YDreams Factory

January 28th, 2026

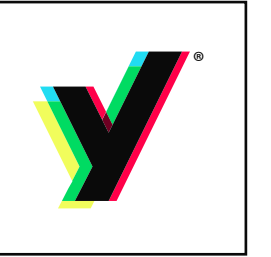


THE RARE STRATEGIC ASSET

What No Tech Company Can Replicate

Four pillars:

- Physical presence everywhere
- Daily operational flows
- Institutional & emotional trust
- National brand legitimacy



WHAT I GUESS YOU ARE DOING

Trust, Time, and Infrastructure as Services

- Trust & Identity as a Service
- Time-Critical Logistics
- Programmable Physical Infrastructure (Post offices, lockers, vehicles, and hubs can become micro-warehouses, service points and data nodes)

CTT becomes a physical cloud—a distributed national infrastructure that others can build upon

Data, Finance, and AI Agents

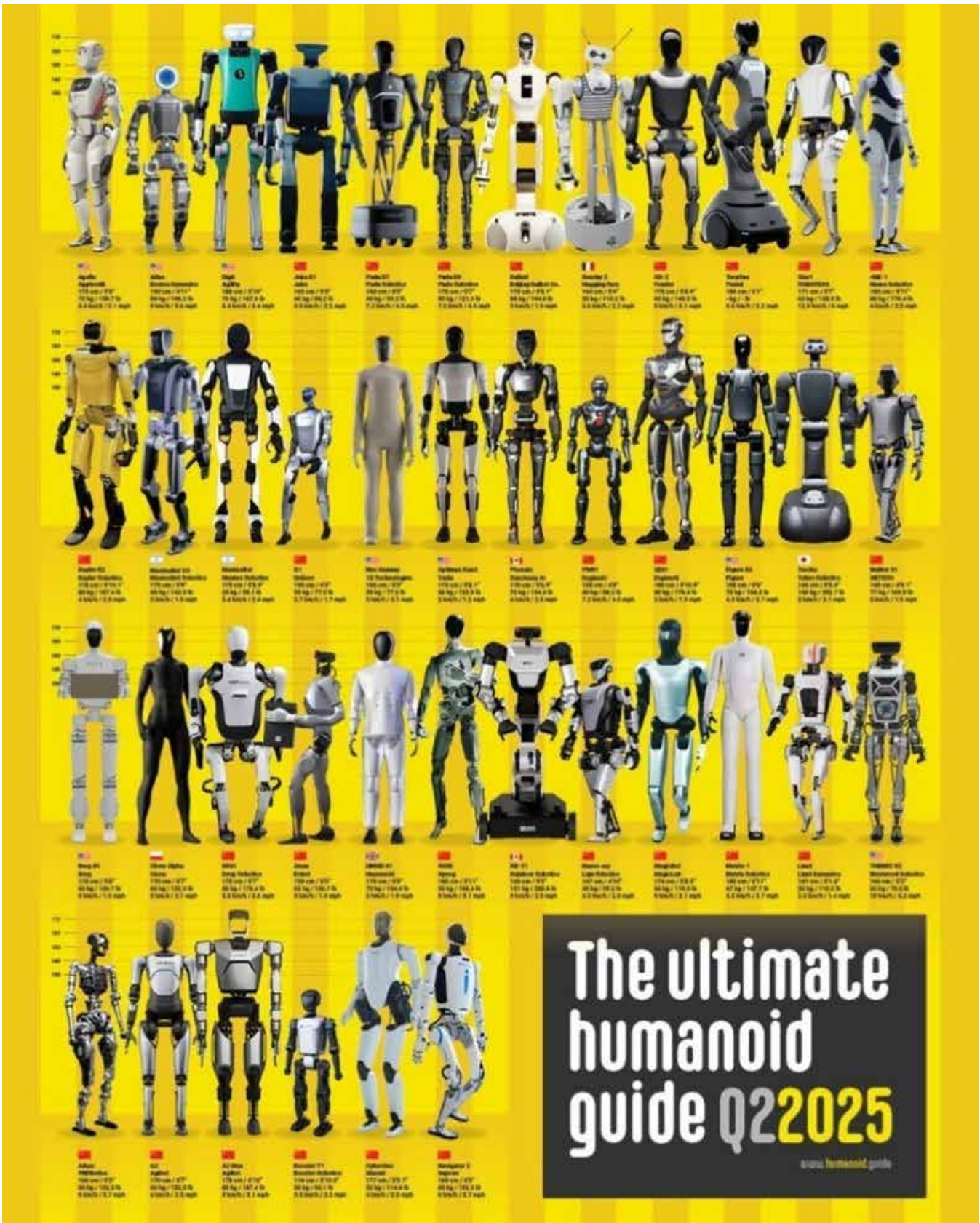
- Flow intelligence (anonymized data on economic flows, urban demand and logistics stress)
- Embedded finance (escrow on delivery, micro-insurance, payment on verification)
- Agents that ship for SMEs, optimize routes, handle returns and manage commerce automatically

CTT becomes the operating agent of small economic actors

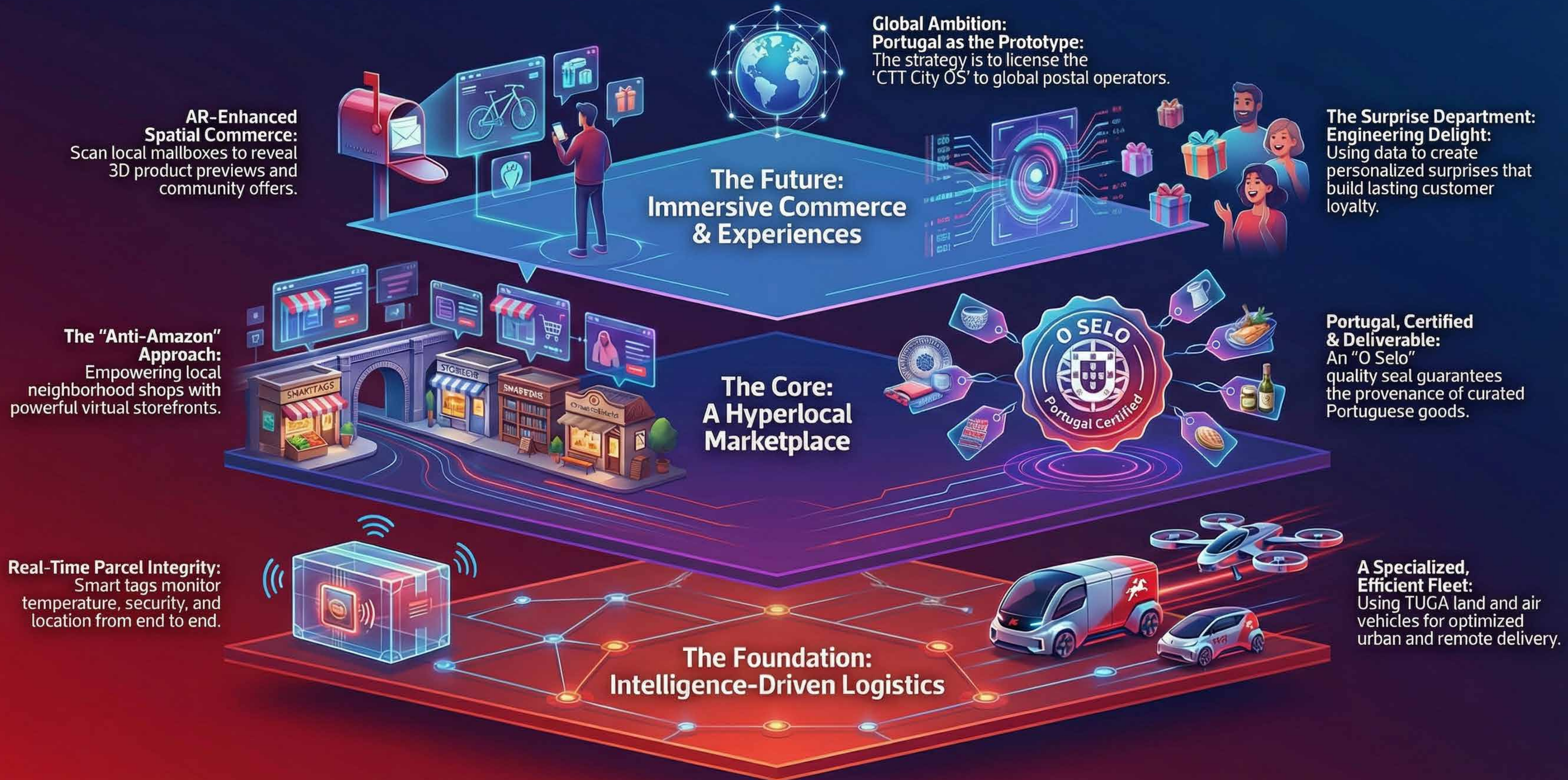


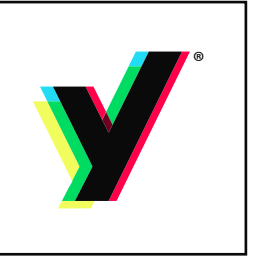
WHAT I GUESS YOU ARE DOING

Looking at robots,
humanoids and drones



CTT: Portugal's Neighborhood Operating System



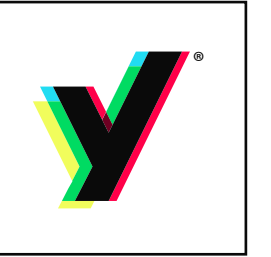


THE FOUNDATION: INTELLIGENCE DRIVEN LOGISTICS

Examples of what already exists

- Ynvisible → smart tags, chain-of-custody, condition awareness
- TUGA Innovations → autonomous land & air extensions of delivery





THE FOUNDATION: INTELLIGENCE DRIVEN LOGISTICS

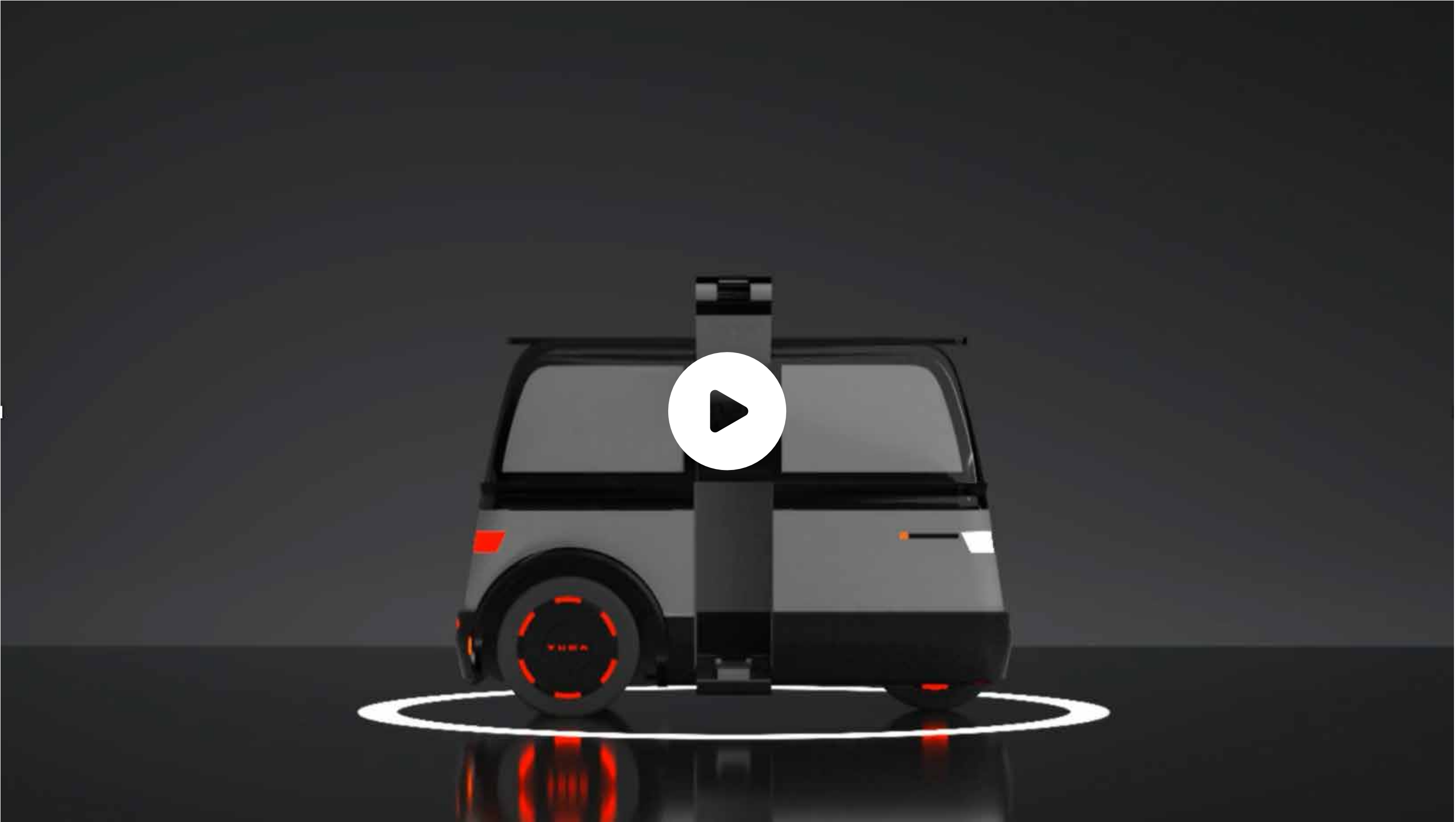
Supply Chain & Logistics Monitoring

Ynvisible's e-paper displays can be used to give rapid feedback on the status of tracked products, like pharmaceuticals, across the supply chain





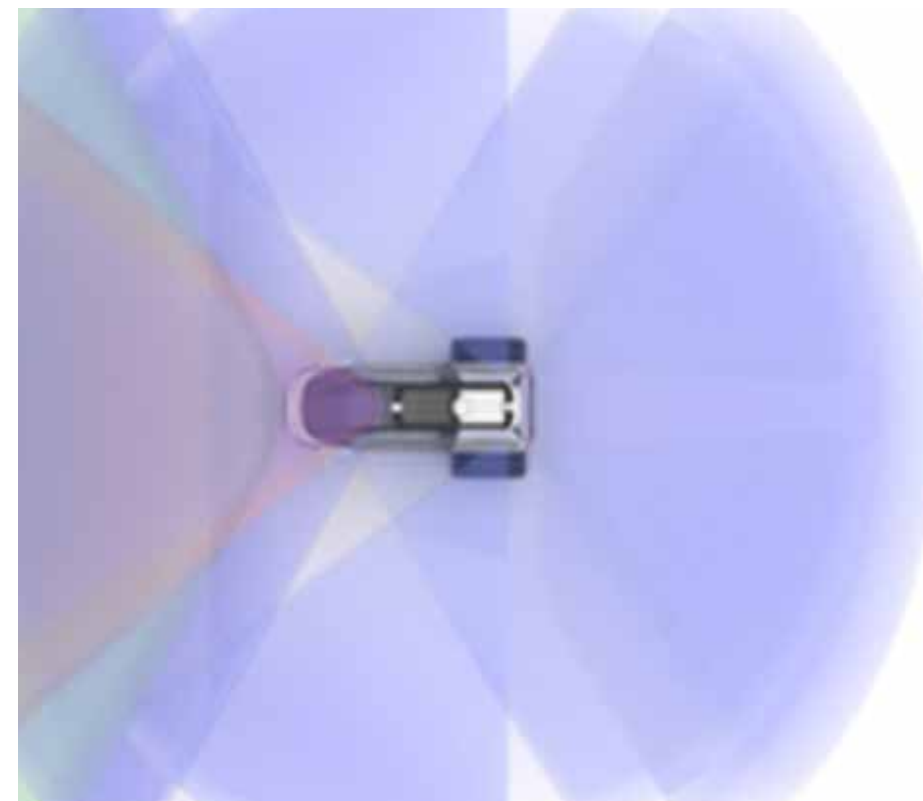
TUGA



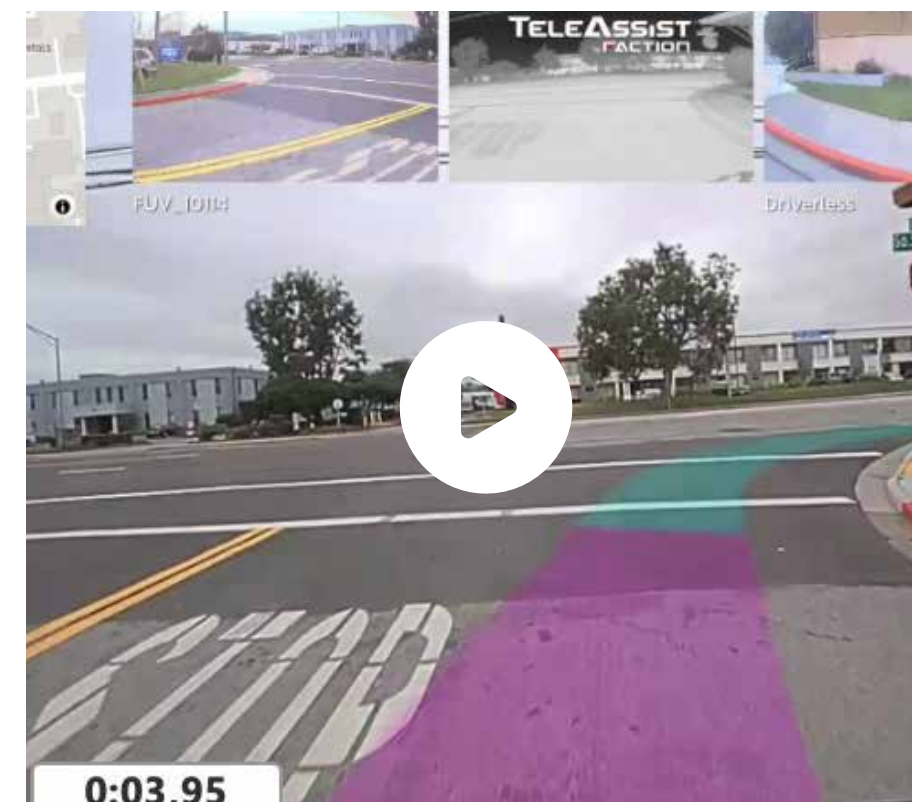


TUGA

AI driverless technology by faction less 95% power, less 90% costs



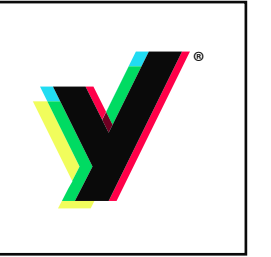
Sustainable Electric Vehicle



DriveLink® + Core Technology



Teleassist ®



THE CORE: A HYPERLOCAL/GLOBAL MARKETPLACE

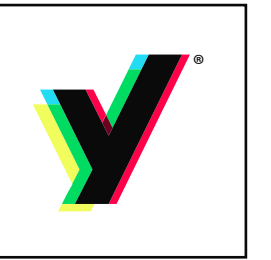
Bairro Global
Building on previous and current CTT initiatives
(Montra de Lojas)
every neighborhood can become a global storefront

CTT becomes:
Logistics arm
Trusted intermediary
Virtual storefront for SMEs

CTT can create:
Neighborhood (and global) marketplaces
Local classifieds (reinvented)
Time-based and proximity-based offers



AI + AR + VR enable something new:
Hyperlocal producers become global sellers
Physical products gain digital storefronts



THE CORE: A HYPERLOCAL/GLOBAL MARKETPLACE

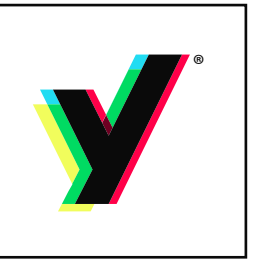
O Selo

Building on previous and current CTT initiatives- Arte, 1520

An online curated store run by CTT with most amazing Portuguese products including those coming from the rising young inventors and artists

CTT's role as guardian + messenger + distributor of Portuguese identity, past and future



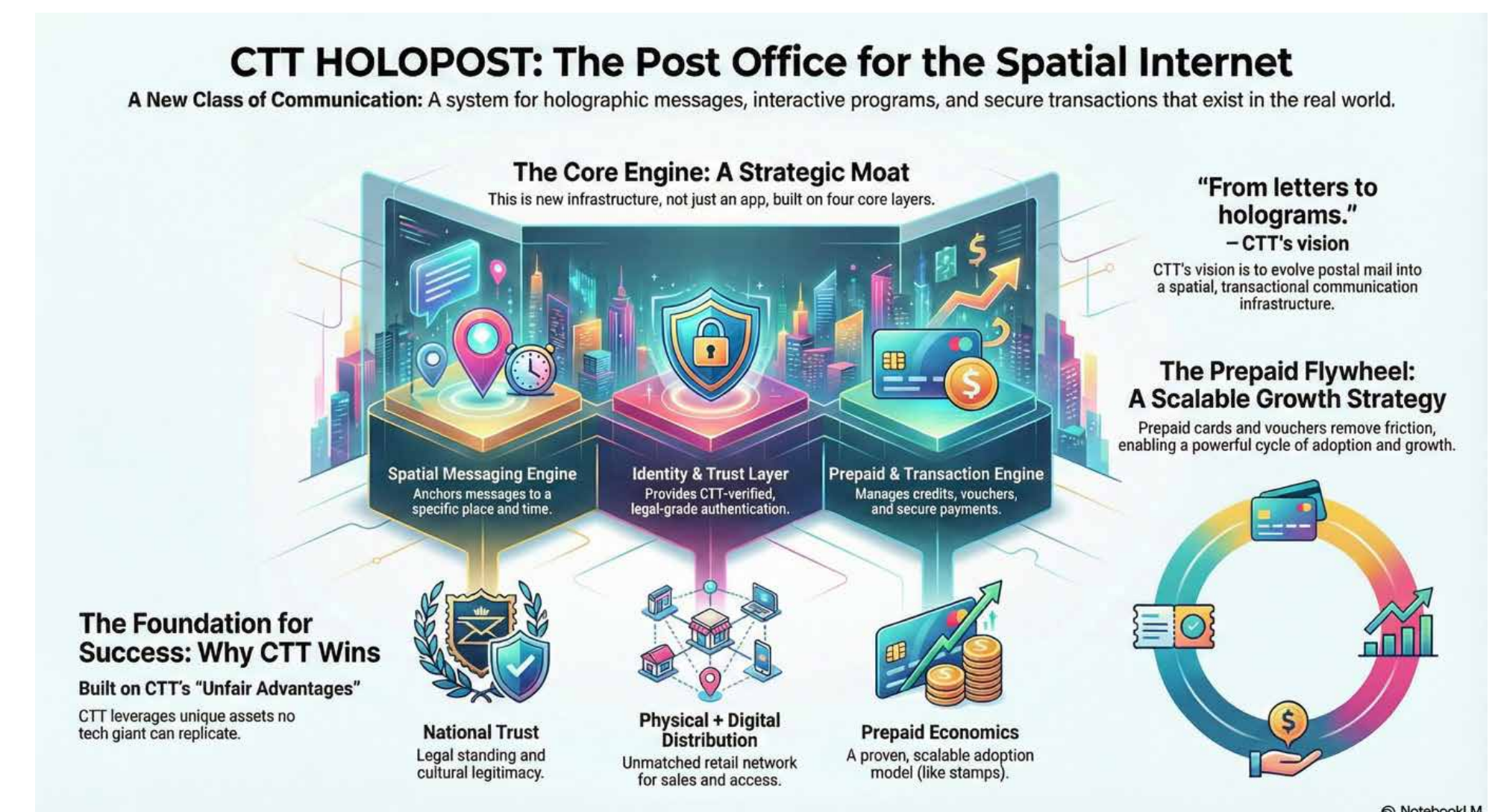


THE (SPECULATIVE) FUTURE: IMMERSIVE COMMERCE & EXPERIENCES

CTT Holopost: From Letters to Spatial Messaging (pilot starting in 2027)

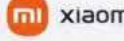
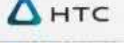
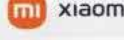
- Messages become spatial, emotional, contextual
- They can include identity, transactions, and content
- They can be delivered to people, places, or moments

CTT messages are trusted by default. That trust allows:
Certified senders, Verified recipients, Transaction-enabled
communication

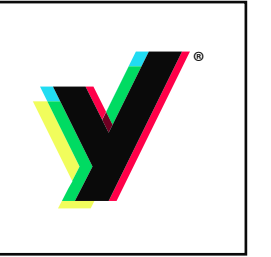




THE (SPECULATIVE) FUTURE: IMMERSIVE COMMERCE & EXPERIENCES

SMART GLASSES 2026		
Gen-Mar 2026		
 Meta Ray-Ban Display	MicroLED + Waveguides	
 SAMSUNG AI Smart Glasses	MicroLED / LCD + Sensori	
 xiaomi AI Glasses	Snapdragon AR + Display a colori	
Apr-Giu 2026		
 Google Gemini AI Glasses	MicroLED + Waveguides	
 amazon AR Glasses "Amelia"	MicroLED + Waveguides	
Rokid Rokid Glasses	Snapdragon AR1 + MicroLED	
VUZIX  TCL CSOT AR Display Modules	MicroLED + Waveguides	
TCL RayNeo / AI Glasses	MicroLED + Waveguides	
Lug-Set 2026		
 AR Specs 2026	MicroLED + Waveguides	
INMO INMO AIR 3	MicroLED + Waveguides	
Techno AI Glasses Pro	MicroLED + Waveguides	
XREAL Project Aura	Waveguide + MicroLED	
 HUAWEI Smart Glasses 2	HarmonyOS + AI + AR	
Throughout 2026 / Estensione Mercati		
 Meta Ray-Ban Display	(Estensione in Europa) 	
 HTC VIVE Eagle	(Estensione in Europa) 	
 xiaomi AI Glasses	(Estensione in Europa) 	





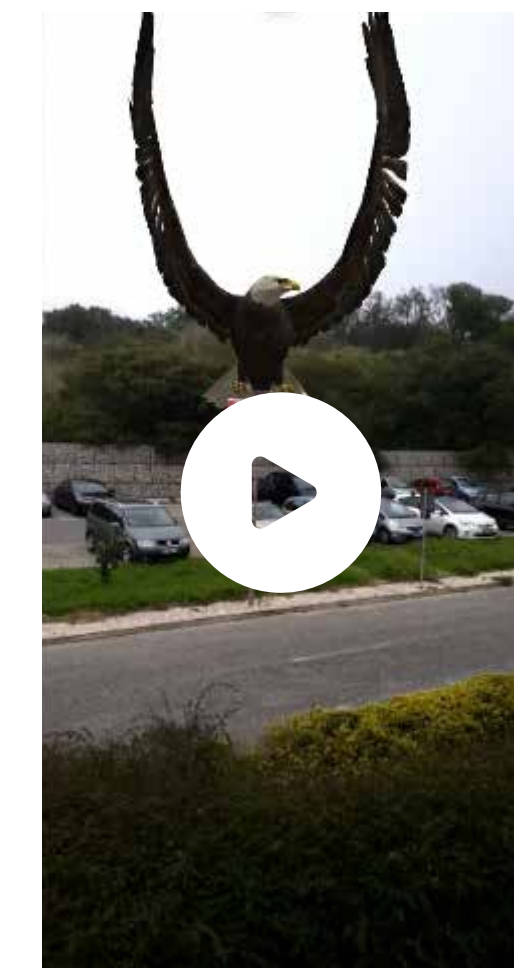
THE (SPECULATIVE) FUTURE: IMMERSIVE COMMERCE & EXPERIENCES

The Surprise Department

- Prototype new human-machine interactions
- Turn weak signals into pilots
- Feed successful surprises back into core operations

Turning CTT in a lifestyle brand:

cross-functional team, clear learning goals, low CAPEX, real users, 2-3 pilots



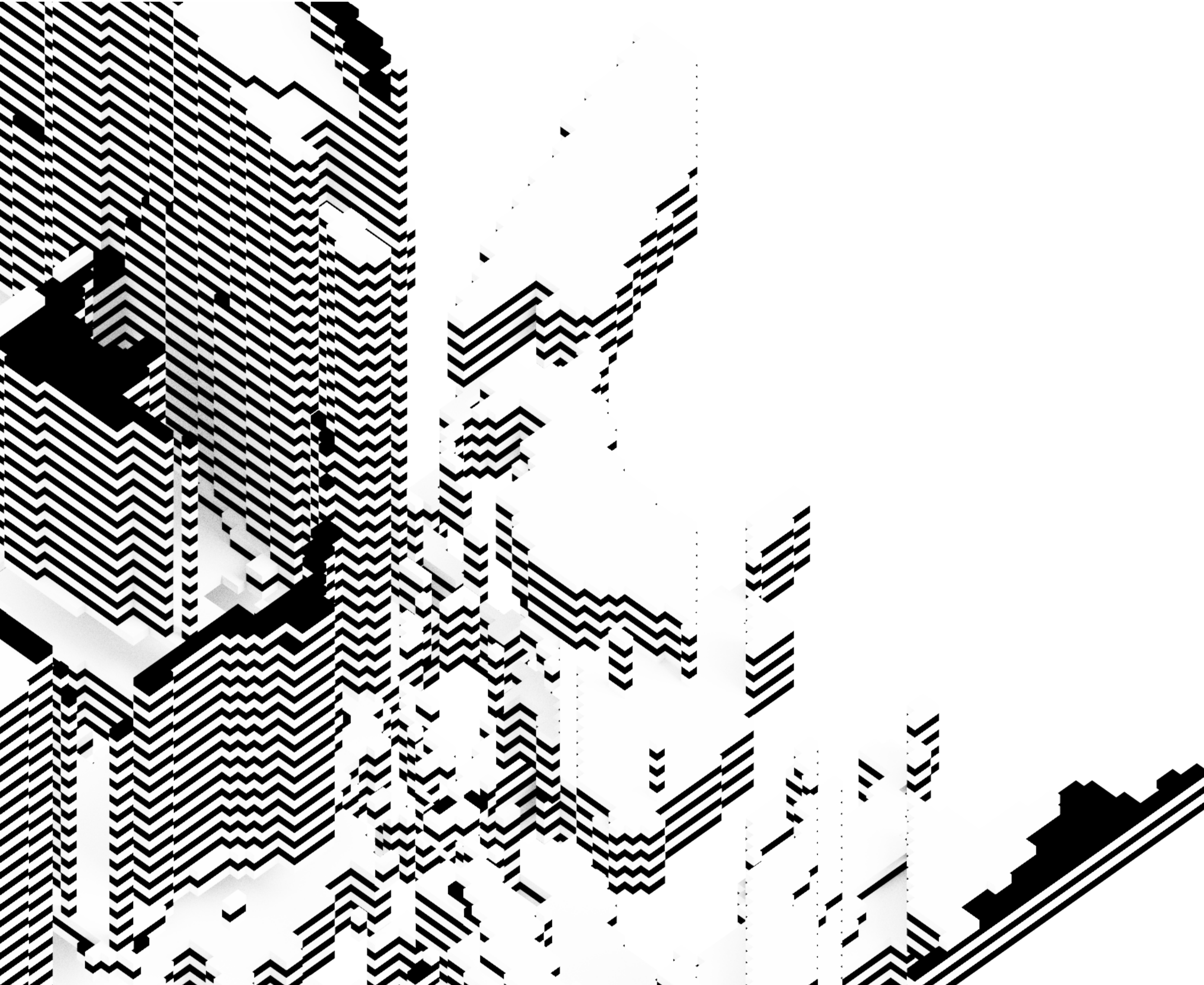
- The "Golden Parcel": Randomly selected customers receive their delivery in a special, interactive box that unlocks a CTT loyalty reward.
- AR-Stamps: Launching a limited series of "Living Stamps" for collectors that celebrate Portuguese culture



CTT AS A PHYSICAL-DIGITAL OPERATING SYSTEM

CTT can evolve from delivering objects to orchestrating trust, movement, identity, and value

- This is not a bet on one technology
- It is a portfolio of optionalities
- Each layer can be piloted independently, can generate revenue on its own and can be licensed internationally



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Sunday News
The YDreams Collection