

IPhouse Cloud

Connecting Smart Homes to Smart Cities · One Platform · Secure P2P · Total Control

GENERAL OVERVIEW · EDITION 2026

Official Keynote

IPhouse Cloud connects smart homes, smart buildings, and smart cities on a single secure platform — with the intelligence running locally, inside every building, and the cloud making it reachable from anywhere.

50,000+

CONNECTED DEVICES

5,000+

GATEWAYS

99.99%

AVAILABILITY

256-bit

ENCRYPTION

The Vision

For years, "smart" stopped at the front door. Homes became intelligent while the buildings and cities around them stayed disconnected — and every platform went dark the moment the internet did.

IPhouse Cloud closes that gap. One platform connects the smart home all the way to the smart city, over an encrypted peer-to-peer network, with total control kept firmly in the customer's hands.

What Makes IPhouse Different

Most platforms put the intelligence in the cloud. IPhouse puts it in the building.

- Every gateway runs automation, protocols, offline voice, and camera AI locally.
- Scenes, KNX and Modbus control, and security all keep working with no internet.
- The cloud adds remote access, analytics, and fleet management — it is never a dependency.

Secure Peer-to-Peer

Reaching a building from anywhere no longer means a networking project. IPhouse connects your phone directly to any gateway through encrypted P2P with automatic NAT traversal.

- No VPN
- No port forwarding
- No static IP
- 256-bit encryption, end to end

One Platform, Every Scale

The same platform that runs a single apartment runs a hotel, a hospital, a factory, and an entire city. Lighting, climate, cameras, door locks, offline voice, solar, battery, and EV charging — unified in one app and one cloud dashboard.

Green by Design

The IPhouse Green House runs on a DC bus powered by solar and battery, and always knows how much DC energy remains. When the battery runs low it switches to grid backup automatically — and the logic reverses on demand, so the grid can be the main source with DC held in reserve.

Open & Secure

IPhouse is open by design and secure by design.

- Open standards: KNX, Modbus RTU/TCP, TCP/IP, REST API, MQTT, ONVIF, RTSP, Matter ready.
- Zero-trust security: cryptographic device identity, signed firmware, role-based access, full audit logs.