UTILITIES & CITIES

Smart Street Lighting

Control, measure and monitor every streetlight – over your own private network.

WHO IT IS FOR

Electric utilities, municipalities and counties that operate street and area lighting.

THE PROBLEM

Streetlights are usually only checked when a resident calls about an outage. Energy is billed by estimate, dimming is impossible, and every truck roll costs money.

WHAT YOU GET

1. **Fits existing poles**
   Our Network Light Controller (NLC) replaces the standard photocell in the ANSI C136.41 twist-lock socket – no rewiring, installed in minutes.
2. **Works with any driver**
   Dims via 0–10 V, 4–20 mA, DALI or D4i – the controller detects the driver type on its own. Sunrise/sunset schedules and instant on/off from the web portal.
3. **Measured, not estimated**
   Each controller measures voltage, current and energy, so you see real consumption and real savings per light.
4. **Know before residents call**
   Automatic alerts for failed lamps, power problems and lost communication – with the exact location on the map.
5. **Your network, your data**
   Runs on a private NB-IoT network on licensed Band 103 or on public LTE-M/NB-IoT – with FCC-certified radio modules.

> **Why Apollo Innovation?** Designed, assembled and supported in Naples, Florida. We build the controller, the network and the platform – one partner, no finger-pointing between vendors.

COMMON QUESTIONS

Do we need to replace our lights?
No. The controller works with existing LED fixtures that have a standard 7-pin socket.

Who owns the data?
You do. The platform can run in our data center or on your own servers.

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RETAIL · RESTAURANTS · PROPERTY

Smart Lighting for Parking Lots & Parks

A self-contained lighting control system – one small base station, up to 25 lights.

WHO IT IS FOR

Supermarkets, warehouse clubs, restaurant chains, shopping centers, HOAs and private parks.

THE PROBLEM

Parking lot lights burn all night at full power, failures go unnoticed for weeks, and every site is managed differently.

WHAT YOU GET

1. **Plug in, done**
   Wireless controllers in the standard photocell socket connect to a small base station on site – no cabling between poles.
2. **Works without internet**
   Schedules, dimming and alerts run locally on the base station. Remote access is optional.
3. **Save energy after hours**
   Full brightness while the store is open, dimmed after closing – automatically, every night.
4. **Fewer dark spots**
   Failed lights are reported immediately, so they are fixed before customers notice.
5. **Built for chains**
   Identical setup for every location: once one site runs, the next one is a copy.

> **Why Apollo Innovation?** Simple to install, simple to operate, and designed for many identical sites. Now accepting pilot locations.

COMMON QUESTIONS

What if a site is larger than 25 lights?
Add a second base station – sites can be combined in one overview.

Do we need an IT department?
No. We deliver the base station preconfigured.

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LAW · HEALTHCARE · ENGINEERING · GOVERNMENT

Private AI for Your Business

Your own AI assistant – on your own server, inside your own building.

WHO IT IS FOR

Organizations that want the benefits of AI but cannot send client, patient or company data to a public cloud.

THE PROBLEM

Employees already use public AI tools – often with confidential data. Cloud subscriptions are charged per user and per month, and the data leaves your control.

WHAT YOU GET

1. **Chat assistant for every employee**
   Ask questions, write and translate texts, summarize documents – in a familiar chat window.
2. **Reads your documents**
   Any PDF, including scanned and protected files, plus searchable company knowledge collections.
3. **Speak instead of type**
   Voice input and spoken answers, processed entirely on site.
4. **Apollo Code Agent**
   An AI software assistant for your developers and engineers – running on your infrastructure.
5. **No data leaves the building**
   Works fully offline if required. No per-user cloud fees.

> **Why Apollo Innovation?** We set up the hardware, install and tune the models, train your team and keep everything up to date – AI as an appliance, not a science project.

COMMON QUESTIONS

Is it as good as the big cloud services?
For everyday office work, yes – and you can combine it with cloud services where you decide it is safe.

How long does setup take?
Typically days, not months.

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RECEPTION · HOTELS · OFFICES · SMART BUILDINGS

Apollo Speak

A small voice assistant that answers in about a second – without the cloud.

WHO IT IS FOR

Front desks, hotels, meeting rooms, showrooms and buildings that want a natural voice interface.

THE PROBLEM

Typical smart speakers send every word to the manufacturer's cloud and cannot be adapted to your business.

WHAT YOU GET

1. **Natural conversation**
   Say “Hey Apollo” and talk normally – answers start in one to two seconds.
2. **Runs on your own AI server**
   Speech recognition, the AI and the voice all run locally.
3. **Knows your business**
   Answers questions about your products, opening hours or building – in your words.
4. **Connects to the building**
   Can be linked to lighting, climate and other building systems.
5. **Compact device**
   Small display, built-in speaker and microphone, battery operation possible.

> **Why Apollo Innovation?** Our own firmware and our own server software – so the device does exactly what you need and nothing you don’t.

COMMON QUESTIONS

Does it listen all the time?
Only for its wake word – and nothing ever leaves your network.

Can it speak other languages?
Yes, English, German and more.

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OFFICES · SCHOOLS · PUBLIC SECTOR

Apollo OS

A modern, secure desktop for your company PCs – without per-seat license fees.

WHO IT IS FOR

Companies and organizations with many workstations that want lower costs and more control.

THE PROBLEM

Operating system licenses, forced upgrades and hardware that is “too old” for the next version cost money every year.

WHAT YOU GET

1. **Familiar from day one**
   A clean desktop with start menu and taskbar – employees feel at home immediately.
2. **No license fees per seat**
   Built on proven open-source foundations.
3. **Gives older PCs a second life**
   Runs smoothly on hardware other systems no longer support.
4. **Windows apps where needed**
   Specific Windows applications can still be used on the desktop.
5. **Managed for you**
   Installation, updates and remote support from our team.

> **Why Apollo Innovation?** Branded, preconfigured and supported by us – one image for every workstation in your company.

COMMON QUESTIONS

Will our office files still work?
Yes – common document formats are fully supported.

Can we try it first?
Yes, on a few test workstations before any rollout.

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ENGINEERING · MANUFACTURING · SOFTWARE

Custom Development & Manufacturing

From idea to finished product – designed and built in Florida.

WHO IT IS FOR

Companies that need a custom electronic product, a radio solution, software or a creative digital project.

THE PROBLEM

Hardware, radio, software and production usually come from different suppliers – which makes projects slow, expensive and hard to manage.

WHAT YOU GET

1. **Electronics & in-house assembly**
   Circuit design and our own SMT production line in Naples, Florida – from prototype to series.
2. **Radio & IoT**
   Custom radio modems, private LTE/NB-IoT networks and wireless sensors.
3. **Software, apps & portals**
   Web portals, mobile apps and dashboards – built quickly to your requirements.
4. **AI integration**
   Local AI built into your products and processes.
5. **Branded games & experiences**
   Interactive games and apps as a marketing idea – like our own city-builder game Apollo City.

> **Why Apollo Innovation?** One team for hardware, radio, software and production – short paths, fast results.

COMMON QUESTIONS

How fast can you build a prototype?
Often within weeks.

Do you also handle small quantities?
Yes – our own production makes small and medium series possible.

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