

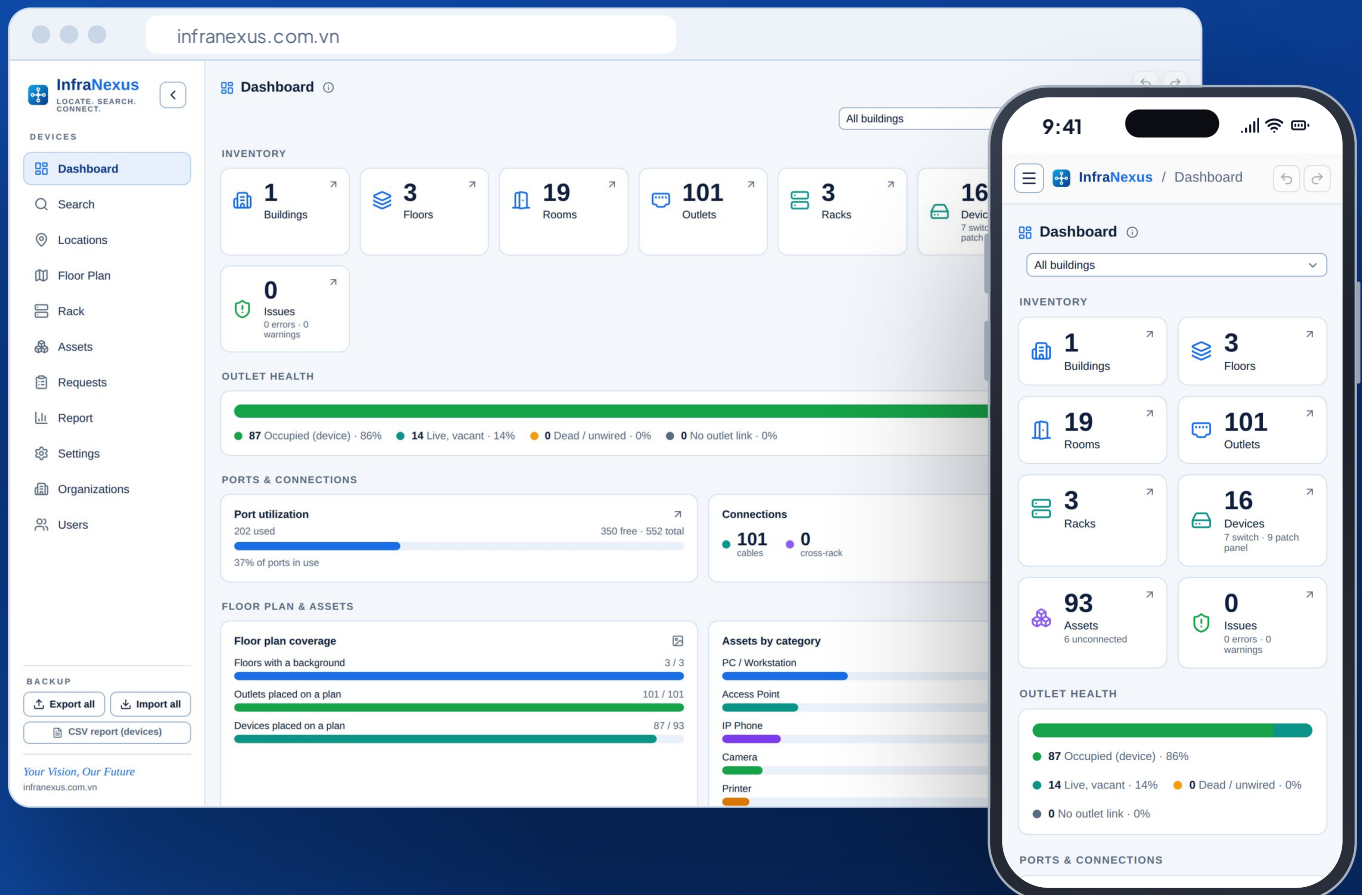


NETWORK INFRASTRUCTURE MANAGEMENT PLATFORM

Network infrastructure, digitized — converged on one platform.

LOCATE. SEARCH. CONNECT.

Floor plans, racks, cabling, assets and technical requests in a single, shared source of truth.



THE CHALLENGE

Infrastructure knowledge is scattered — and it leaves with people.

In most organizations, network infrastructure is documented across spreadsheets, CAD drawings, paper labels and the memory of a few technicians.



Slow troubleshooting

Tracing a single outlet back to its switch port can take hours of manual checking on site.



Outdated records

Moves, additions and changes are rarely written back. Drawings drift from reality within months.



Fragile handover

When a contractor finishes or a technician leaves, the working knowledge of the network leaves too.



No shared picture

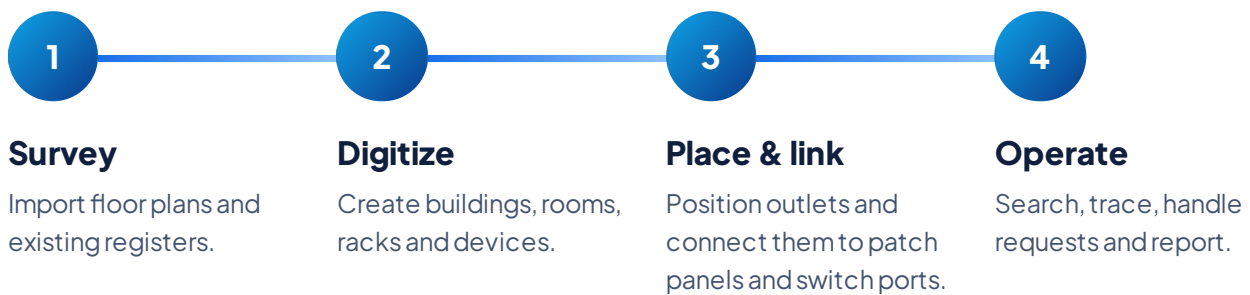
Managers, technicians and clients each hold a different, partial version of the truth.

InfraNexus records every building, floor, room, rack, patch panel, switch port, outlet and end device — and the links between them. Every module reads from and writes to the same model, in real time.

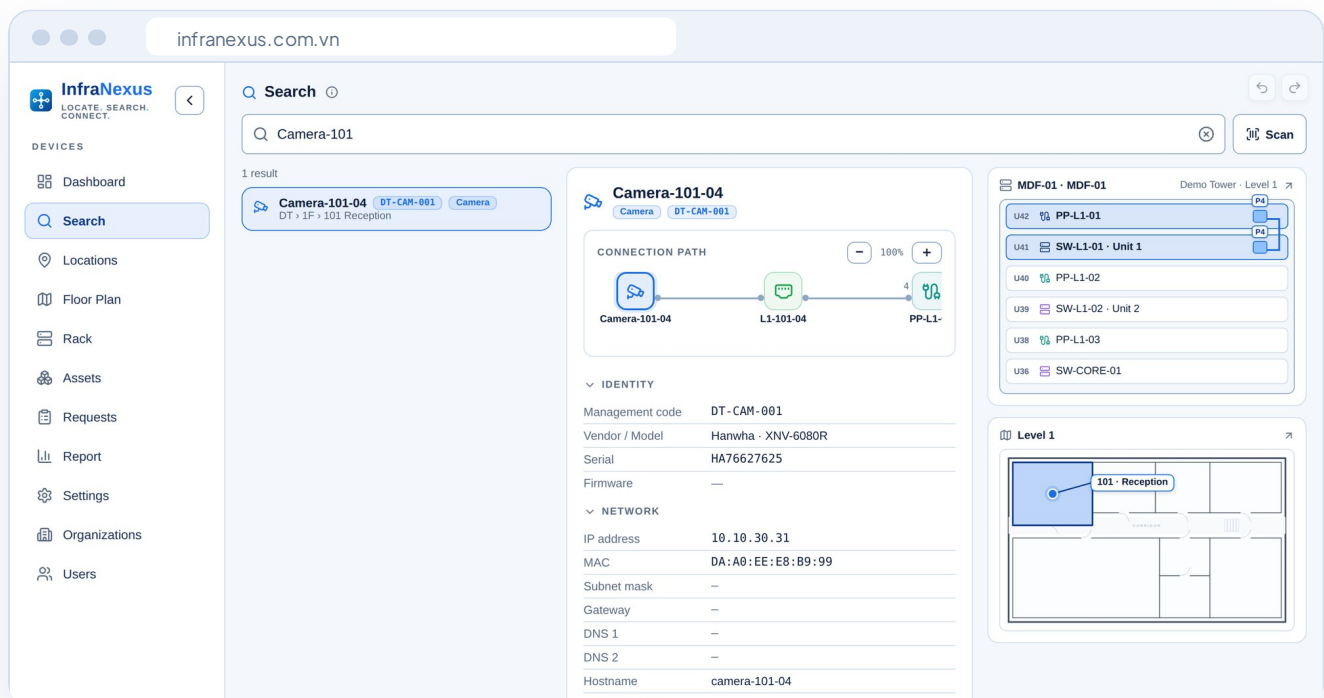
THE SOLUTION

One model of the entire physical network.

InfraNexus records every building, floor, room, rack, patch panel, switch port, outlet and end device — and the links between them. Every module reads from and writes to the same model, in real time.



THE END-TO-END CHAIN, ALWAYS KNOWN



One platform, three operating models

InfraNexus organizes data in a multi-level hierarchy. Each organization sees and manages only its own scope, while parent organizations retain full oversight.



IT service providers managing their clients

Each client is a separate organization on a shared platform. Providers oversee their entire client portfolio, step in directly when support is needed, and standardize operations across every contract.



Clients as co-managers or independent operators

Clients receive their own accounts to update and consult their infrastructure, within permissions defined by the provider. Organizations without an external provider can run InfraNexus independently as an in-house management tool.



Infrastructure contractors managing projects

Each project is a site: survey, installation and patching data are recorded on location. At acceptance, the complete infrastructure record is handed over to the owner, with no need to compile it again from scratch.

Four-tier permissions: Owner · Admin · Editor · Viewer. Strict data isolation between organizations.

KEY BENEFITS

What changes when the network is on InfraNexus



Answers in seconds

Find any outlet, port, device or asset from one search box — or by scanning its label.



One source of truth

Every team works on the same live model. Changes appear for everyone immediately.



Built for the field

Works on phones and tablets on site: scan labels, take photos and update records where the work happens.



Records that stay current

Updates are made on site, by the people doing the work, at the moment it is done.



Clean handover

Complete, structured documentation is ready at any moment — not rebuilt at the end.



Secure by design

Organization-level isolation, role-based permissions and access monitoring.

MODULES

From overview to detail

Each module addresses one part of daily infrastructure work. Together they cover the full lifecycle — from survey to operation.



Dashboard

01

The state of an entire site on one screen.



Search

02

Find anything in the network — instantly.



Locations

03

A clear hierarchy of buildings, floors, rooms and outlets.



Floor Plan

04

The network, drawn where it really is.



Rack

05

Every rack, panel and port — exactly as installed.



Assets

06

Every end device — registered, located and connected.



Asset Report

07

As-built documentation, generated in one click.



Requests

08

Technical requests, tracked from intake to closure.



Report

09

Management reports, ready when needed.



IP Plan

10

Address space under control.



Organizations & Users

11

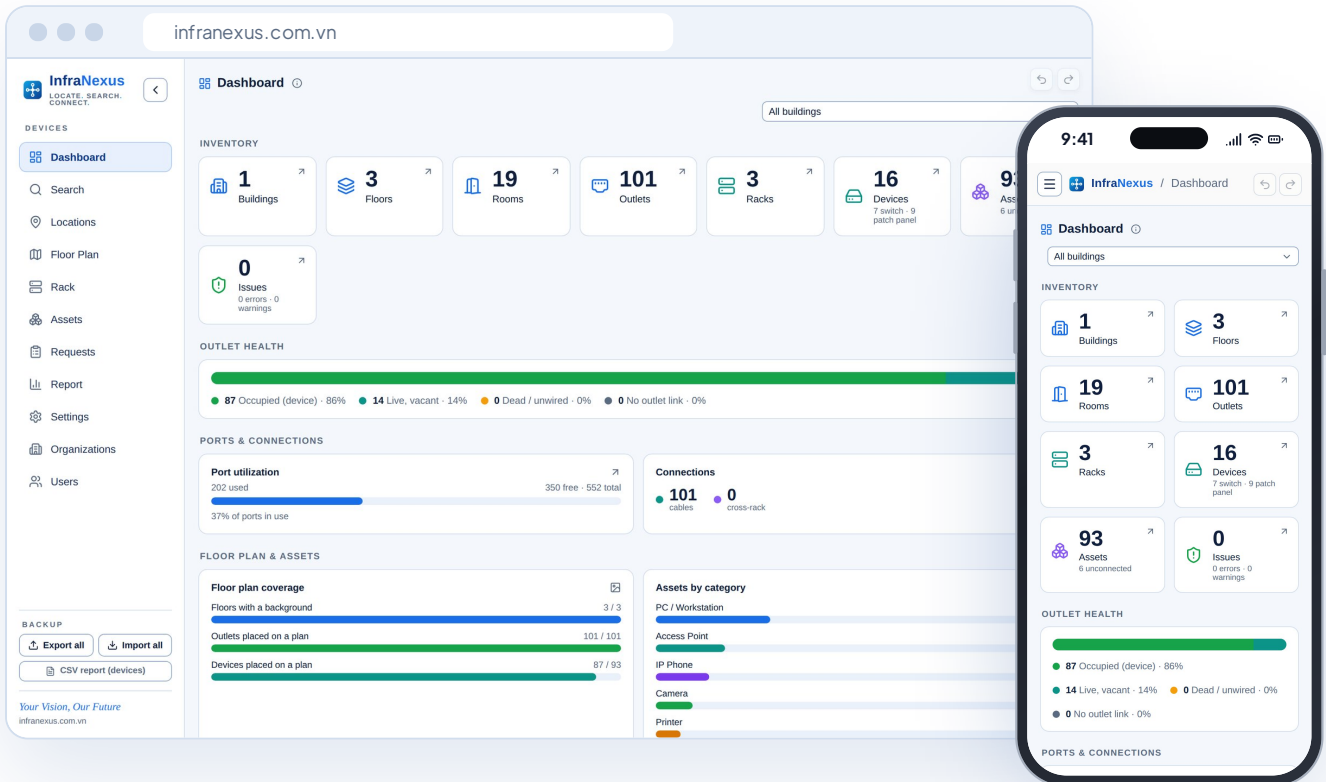
Every organization, site and user — managed in one place.



MODULE 01

Dashboard

The state of an entire site on one screen.



THE PROBLEM

Understanding a site's condition usually means opening several files and asking several people.

WHAT IT DOES

Dashboard summarizes buildings, floors, rooms, outlets, racks, devices, assets and technical requests for the active site.

HIGHLIGHTS

- ✓ Live key figures, filterable by building
- ✓ Outlet status: occupied, live-vacant, unwired, unlinked
- ✓ Port utilization and floor-plan coverage progress
- ✓ Every card opens the underlying module



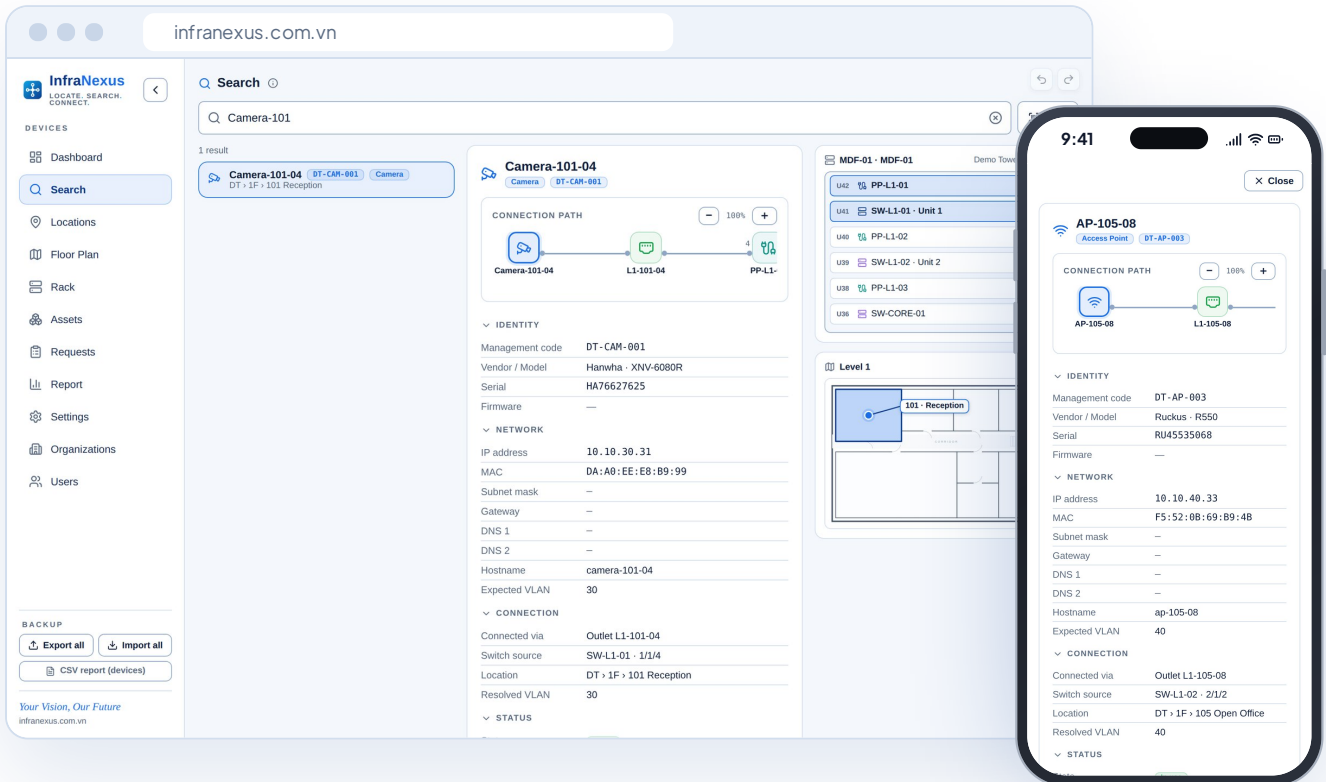
THE VALUE

Managers see where the site stands in seconds, without waiting for a report.



MODULE 02 Search

Find anything in the network — instantly.



THE PROBLEM

Locating a port or a device often requires walking the site and reading labels one by one.

WHAT IT DOES

Search looks across switches, patch panels, outlets and devices at once — by code, name, IP, MAC, serial, hostname, model or VLAN.

HIGHLIGHTS

- ✓ One search box, accent-insensitive
- ✓ Preview with the full chain: outlet → patch panel → switch port
- ✓ Mini rack and mini floor-plan views in the preview
- ✓ Scan a QR code or barcode with the phone camera to open the item



THE VALUE

Troubleshooting starts from the answer, not from a search on foot.



MODULE 03

Locations

A clear hierarchy of buildings, floors, rooms and outlets.

The screenshot shows the InfraNexus web interface. The left sidebar contains navigation links: Dashboard, Search, Locations (selected), Floor Plan, Rack, Assets, Requests, Report, Settings, Organizations, and Users. The main content area is titled 'Locations' and shows a breadcrumb trail: Buildings > Demo Tower > Level 1 > Open Office. A search bar is present at the top right. The central table, titled 'Outlets in Open Office (10)', lists 10 outlets with columns for Outlet code, Patch panel - Port, Resolves to, and Note. The right sidebar shows a 'SITE' tree with expand/collapse buttons, listing buildings and rooms. At the bottom left, there are 'EXPORT' and 'IMPORT' buttons and a 'CSV report (devices)' link.

Outlet code	Patch panel - Port	Resolves to	Note
L1-105-01	PP-L1-01 - P19	SW-L1-01 - 1/1/19 VLAN 10	note...
L1-105-02	PP-L1-01 - P20	SW-L1-01 - 1/1/20 VLAN 10	note...
L1-105-03	PP-L1-01 - P21	SW-L1-01 - 1/1/21 VLAN 10	note...
L1-105-04	PP-L1-01 - P22	SW-L1-01 - 1/1/22 VLAN 10	note...
L1-105-05	PP-L1-01 - P23	SW-L1-01 - 1/1/23 VLAN 20	note...
L1-105-06	PP-L1-01 - P24	SW-L1-01 - 1/1/24 VLAN 20	note...
L1-105-07	PP-L1-02 - P1	SW-L1-02 - 2/1/1 VLAN 10	note...
L1-105-08	PP-L1-02 - P2	SW-L1-02 - 2/1/2 VLAN 40	note...
L1-105-09	PP-L1-02 - P3	SW-L1-02 - 2/1/3 VLAN 40	note...
L1-105-10	PP-L1-02 - P4	SW-L1-02 - 2/1/4 VLAN 30	note...

DT-105-11 suggested: DT-105-11 + Add outlet

THE PROBLEM

Without a shared naming structure, the same room is described in five different ways.

WHAT IT DOES

Locations defines the physical structure of each site and maps every outlet to its patch-panel port.

HIGHLIGHTS

- ✓ Building > Floor > Room > Outlet hierarchy
- ✓ Outlet ↔ patch-panel port mapping, VLAN inherited from the switch
- ✓ CSV import with a preview of changes before applying
- ✓ Location tree with quickjump search

THE VALUE



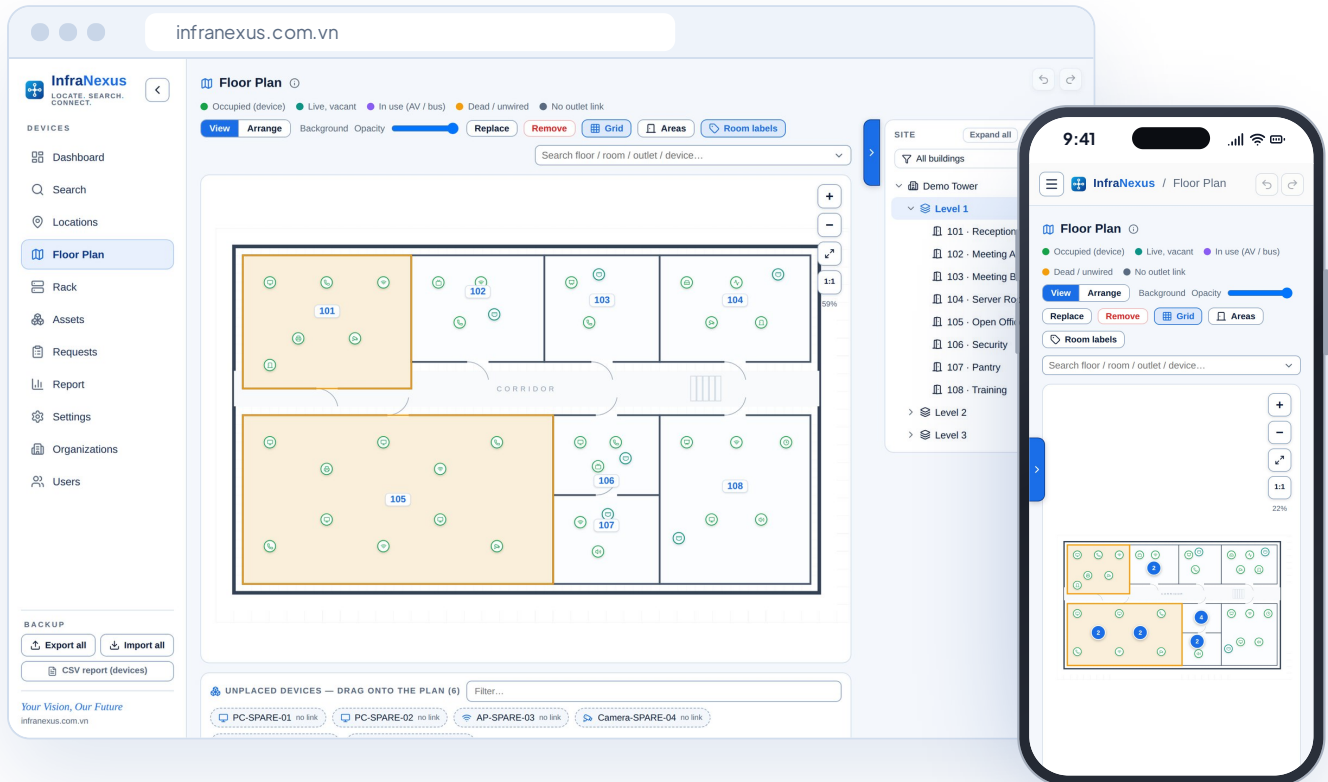
Everyone refers to the same place in the same way — and every outlet is traceable.



MODULE 04

Floor Plan

The network, drawn where it really is.



THE PROBLEM

Paper drawings are rarely updated and never show what is actually connected.

WHAT IT DOES

Floor Plan places outlets and devices on each floor drawing, with live status on every marker.

HIGHLIGHTS

- ✓ Floor drawings imported as SVG, one per floor
- ✓ Drag-and-place outlets and devices, with alignment guides
- ✓ Colour-coded status on every marker; details on tap
- ✓ Room areas drawn on the plan; rooms with open requests highlighted

THE VALUE



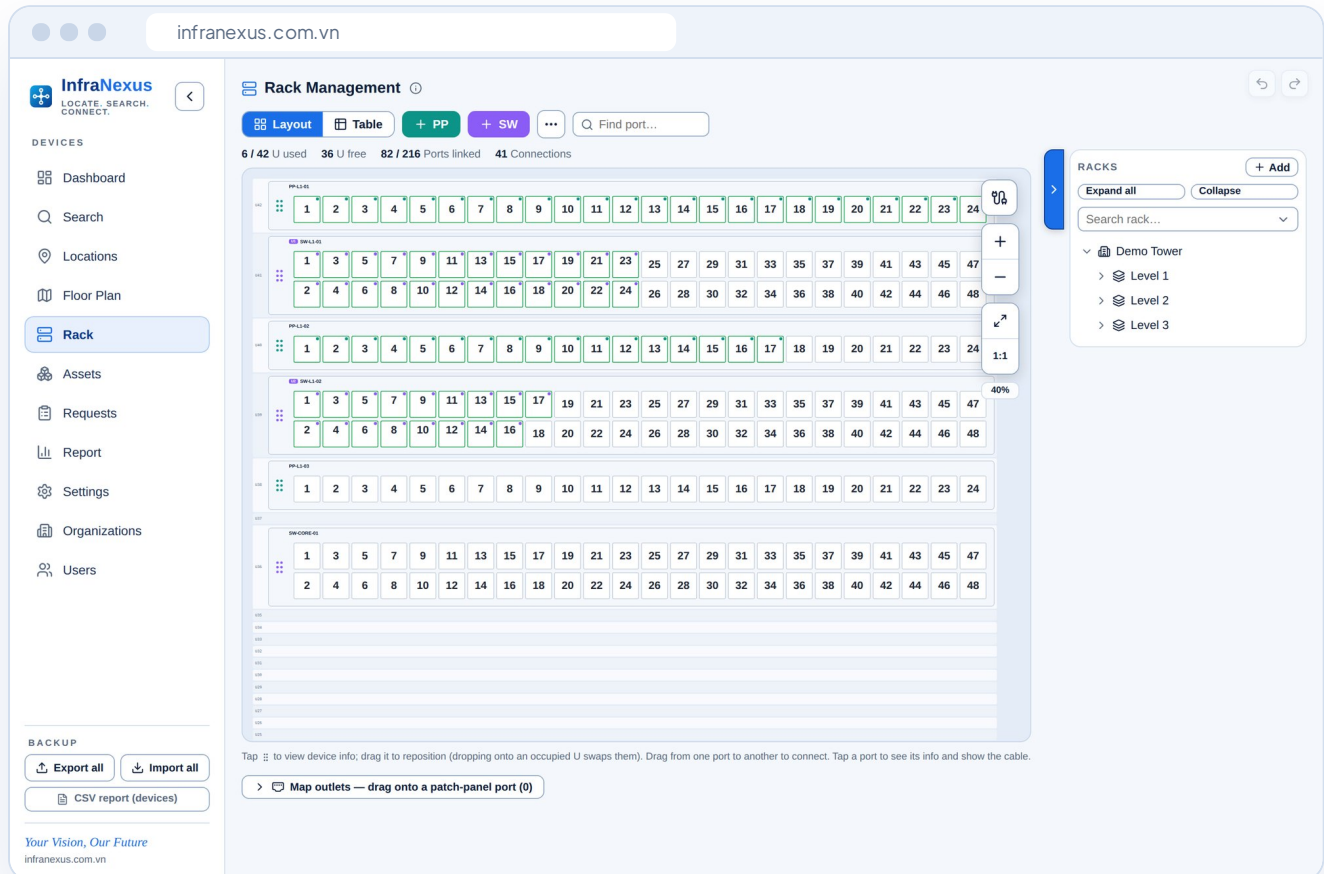
Technicians find the right outlet the first time — on screen, before reaching the site.



MODULE 05

Rack

Every rack, panel and port — exactly as installed.



THE PROBLEM

Rack documentation is often a photo or a spreadsheet that no longer matches the cabinet.

WHAT IT DOES

Rack models each cabinet unit by unit — patch panels and switches down to every port, its connection and its VLAN.

HIGHLIGHTS

- ✓ Front view by rack unit, plus table view
- ✓ Patch-panel ↔ switch-port patching and switch stacks
- ✓ Port label strips and cable wraps printed on Brother P-touch
- ✓ Ready-to-run switch CLI scripts: VLANs, PoE restart, MAClookup, cable test



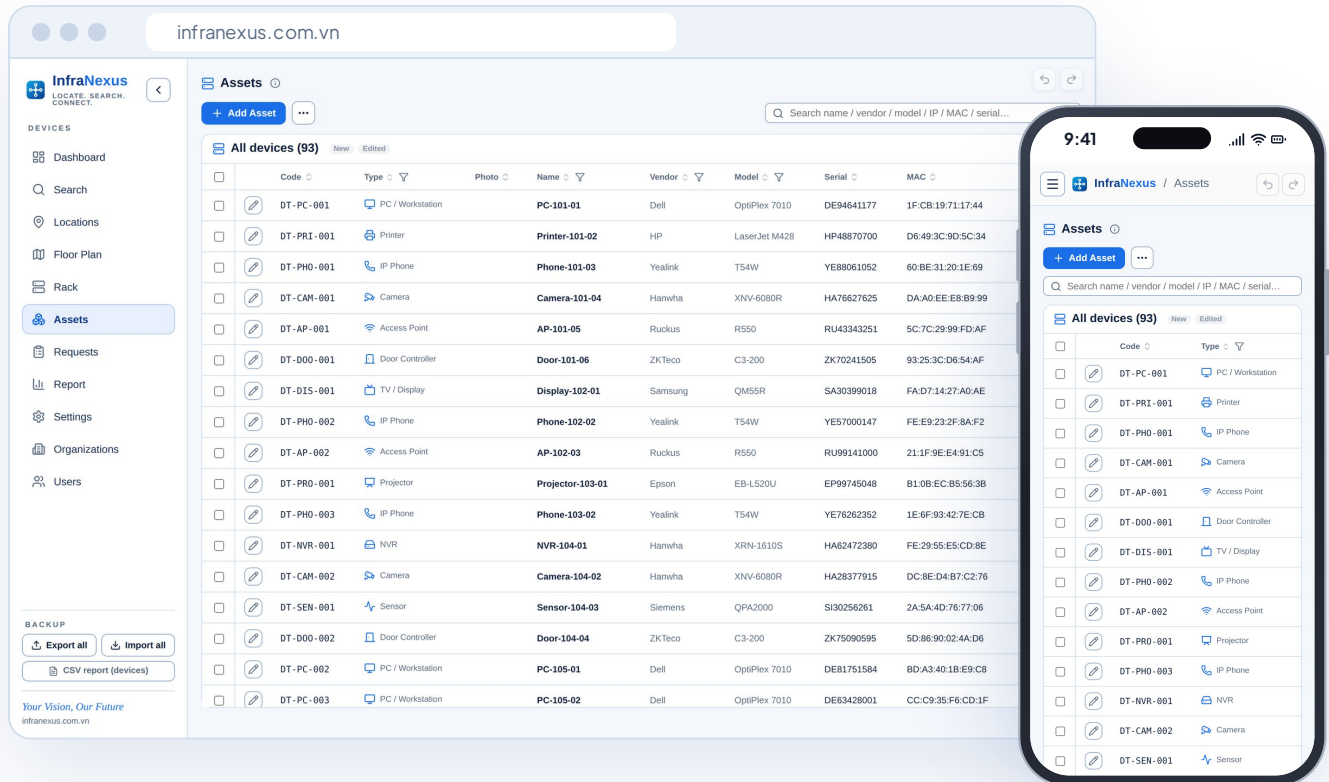
THE VALUE

Patching work becomes predictable, and labels always match the records.



MODULE 06 Assets

Every end device — registered, located and connected.



THE PROBLEM

Equipment lists are kept apart from the network, so no one knows exactly which camera, printer or access point sits where.

WHAT IT DOES

Assets records every end device — IP cameras, NVRs, PCs, printers, Wi-Fi access points, IP phones, displays, projectors, speakers, door controllers, sensors and more — with its vendor, model, serial, network settings, status and location.

HIGHLIGHTS

- ✓ Scan the device label to fill serial, MAC and code automatically
- ✓ Photos taken on site, stamped with device and location
- ✓ IP checked against the VLAN plan, with free addresses suggested
- ✓ Duplicate IP, MAC and serial highlighted; CSV import and export



THE VALUE

Inventory, audits and troubleshooting rely on one accurate, connected list.



MODULE 07

Asset Report

As-built documentation, generated in one click.

Asset Report
Generated 2026-09-24 - 93 assets

#	Code	Type	Name	Model	Serial	IP
1	DT-PC-001	PC / Workstation	PC-101-01	OptiPlex 7010	DE94641177	10.10.10.31
2	DT-PRI-001	Printer	Printer-101-02	LaserJet M428	HP48870700	10.10.10.32
3	DT-PHO-001	IP Phone	Phone-101-03	TS4W	YE88061052	10.10.20.31
4	DT-CAM-001	Camera	Camera-101-04	XNV-6080R	HA76627625	10.10.30.31
5	DT-AP-001	Access Point	AP-101-05	R550	RU43343251	10.10.40.31
6	DT-DOO-001	Door Controller	Door-101-06	C3-200	ZK70241505	10.10.50.31
7	DT-DIS-001	TV / Display	Display-102-01	QM55R	SA30399018	10.10.10.33
8	DT-PHO-002	IP Phone	Phone-102-02	TS4W	YE67000147	10.10.20.32
9	DT-AP-002	Access Point	AP-102-03	R550	RU99141000	10.10.40.32
10	DT-PRO-001	Projector	Projector-103-01	EB-LS20U	EP99745048	10.10.10.34
11	DT-PHO-003	IP Phone	Phone-103-02	TS4W	YE76262352	10.10.20.33
12	DT-NVR-001	NVR	NVR-104-01	XRN-1610S	HA62472380	10.10.30.32
13	DT-CAM-002	Camera	Camera-104-02	XNV-6080R	HA28377915	10.10.30.33
14	DT-SEN-001	Sensor	Sensor-104-03	GPA2000	S130256261	10.10.50.32
15	DT-DOO-002	Door Controller	Door-104-04	C3-200	ZK75090595	10.10.50.33
16	DT-PC-002	PC / Workstation	PC-105-01	OptiPlex 7010	DEB1751584	10.10.10.35
17	DT-PC-003	PC / Workstation	PC-105-02	OptiPlex 7010	DE63428001	10.10.10.36
18	DT-PC-004	PC / Workstation	PC-105-03	OptiPlex 7010	DE35583179	10.10.10.37
19	DT-PC-005	PC / Workstation	PC-105-04	OptiPlex 7010	DE90628248	10.10.10.38
20	DT-PHO-004	IP Phone	Phone-105-05	TS4W	YE92374421	10.10.20.34
21	DT-PHO-005	IP Phone	Phone-105-06	TS4W	YE56625835	10.10.20.35
22	DT-PRI-002	Printer	Printer-105-07	LaserJet M428	HP74477539	10.10.10.39
23	DT-AP-003	Access Point	AP-105-08	R550	RU45535058	10.10.40.33
24	DT-AP-004	Access Point	AP-105-09	R550	RUR2903368	10.10.40.34
25	DT-CAM-003	Camera	Camera-105-10	XNV-6080R	HA57740731	10.10.30.34
26	DT-PC-006	PC / Workstation	PC-106-01	OptiPlex 7010	DE40432459	10.10.10.40

Layout – DT > Level 2

InfraNexus - Assets

6 / 8

THE PROBLEM

Handover documents — device lists and location drawings — are usually assembled by hand, over days, and are outdated on delivery.

WHAT IT DOES

Select the devices, choose the columns, and Asset Report produces a complete PDF: the device schedule followed by every floor plan with each device marked in its room.

HIGHLIGHTS

- ✓ Device schedule with the columns and order you choose
- ✓ One page per floor: each device shown in its room with type icon, name and serial, IP or MAC
- ✓ Devices not yet placed listed separately
- ✓ Vietnamese-ready typography, A4, ready to sign off



THE VALUE

Acceptance and handover files are ready the moment installation is complete.



MODULE 08

Requests

Technical requests, tracked from intake to closure.

CODE	SUBMITTED	WORK TYPE	LOCATION	REQUESTER	ASSIGNEE	DUE	STATUS	PRIORITY
REQ-2026-09-0006	2026-09-23	Cabling	DT-301-Board Room	Admin - Administration	An P.	2026-09-15	Closed	Low
REQ-2026-09-0005	2026-09-22	Access control	DT-204-IDF Room	Security - Security	—	2026-09-25	New	Urgent
REQ-2026-09-0004	2026-09-21	Configure	DT-205-Engineering	Duc L. - IT	Minh T.	2026-09-20	Done	Normal
REQ-2026-09-0003	2026-09-20	Repair	DT-202-Finance	Hoa P. - Administration	Khoa N.	2026-09-23	Assigned	High
REQ-2026-09-0002	2026-09-19	CCTV	DT-101-Reception	Tuan V. - Facilities	Minh T.	2026-09-26	In progress	Normal
REQ-2026-09-0001	2026-09-18	Install	DT-105-Open Office	Lan H. - Operations	—	2026-09-29	New	High

THE PROBLEM

Requests arrive by phone, chat and paper — and their history is lost.

WHAT IT DOES

Requests logs each technical job with a reference number, priority, due date, assignee, photos and a status timeline.

HIGHLIGHTS

- ✓ Reference codes REQ-YYYY-MM-NNNN
- ✓ Original request photos attached from camera or file
- ✓ Linked to the device and room; shown on the floor plan
- ✓ Total, waiting and overdue counters; CSV and PDF export



THE VALUE

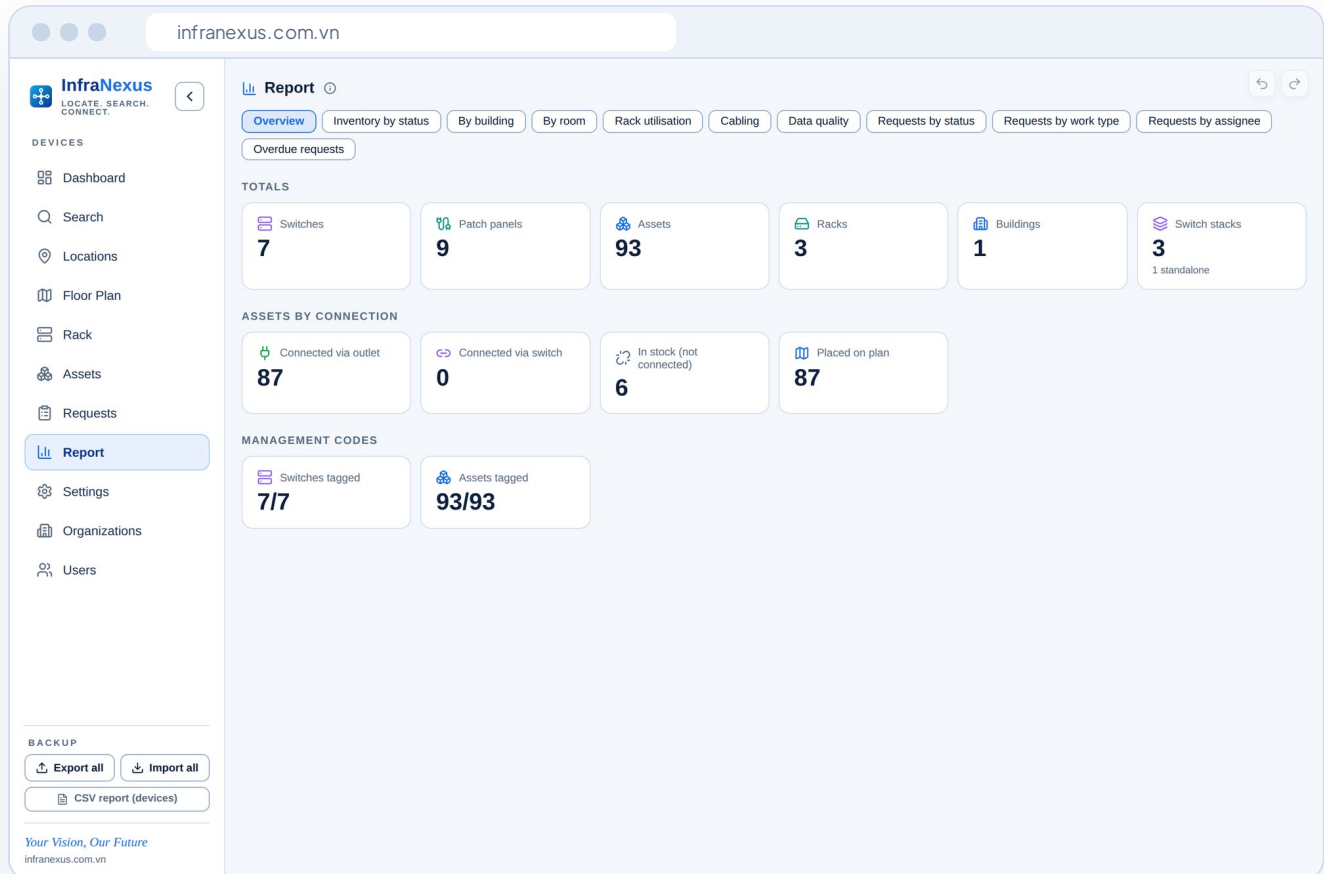
Every job is accountable, traceable and reportable.



MODULE 09

Report

Management reports, ready when needed.



THE PROBLEM

Preparing a status report means collecting data by hand from several sources.

WHAT IT DOES

Report generates structured reports directly from the live model.

HIGHLIGHTS

- ✓ Inventory by status, building and room
- ✓ Rack utilization and cabling
- ✓ Request reports by status, work type, assignee and overdue
- ✓ Export to CSV or print to PDF



THE VALUE

Reporting takes minutes and always reflects the current state.



MODULE 10 IP Plan

Address space under control.

The screenshot displays the 'IP Plan' section of the InfraNexus web interface. The left sidebar contains navigation options: Dashboard, Search, Locations, Floor Plan, Rack, Assets, Requests, Report, Settings (selected), Organizations, and Users. The main content area shows a list of VLANs with their respective IP ranges, masks, gateways, and DNS settings. Each VLAN entry includes a progress bar indicating IP usage and a 'Show used IPs' button.

VLAN	Name	Range	Mask	Gateway	DNS	Used	Free	Total
VLAN 10	Data	10.10.10.20 - 10.10.10.250	255.255.255.0 /24	10.10.10.1	10.10.10.5, 8.8.8.8	38	193	231
VLAN 20	Voice	10.10.20.20 - 10.10.20.250	255.255.255.0 /24	10.10.20.1	10.10.10.5	11	220	231
VLAN 30	CCTV	10.10.30.20 - 10.10.30.250	255.255.255.0 /24	10.10.30.1	10.10.10.5	8	223	231
VLAN 40	Wi-Fi	10.10.40.20 - 10.10.40.250	255.255.255.0 /24	10.10.40.1	10.10.10.5	15	216	231
VLAN 50	Building systems	10.10.50.20 - 10.10.50.250	255.255.255.0 /24	10.10.50.1	10.10.10.5	15	216	231

THE PROBLEM

IP assignments tracked in spreadsheets lead to duplicates and outages.

WHAT IT DOES

IP Plan manages address pools per VLAN and checks every device address against them.

HIGHLIGHTS

- ✓ Pools per VLAN with gateway and DNS
- ✓ Used, free and conflicting addresses at a glance
- ✓ Selecting a VLAN fills subnet, gateway and DNS on the device
- ✓ Warnings for addresses outside the subnet or pool



THE VALUE

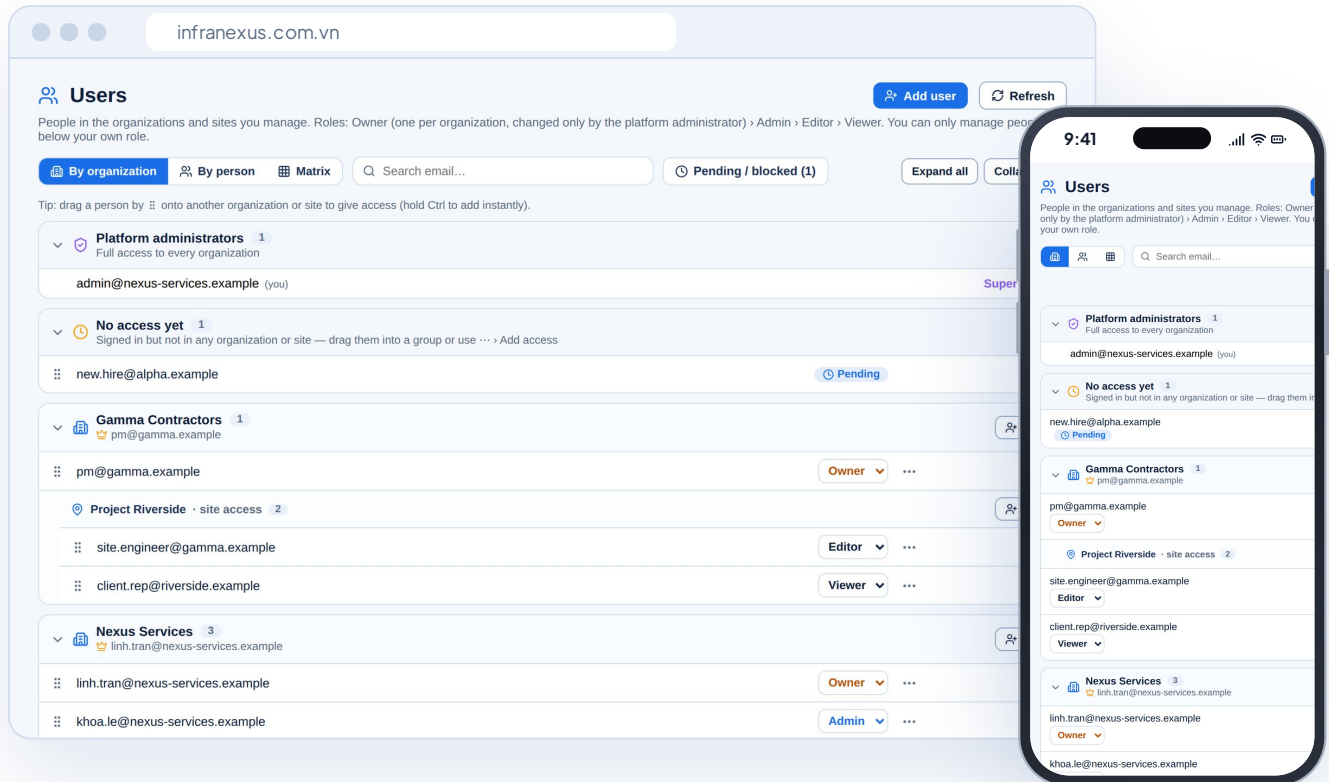
Fewer addressing errors and faster provisioning.



MODULE 11

Organizations & Users

Every organization, site and user — managed in one place.



THE PROBLEM

As clients and sites multiply, access is granted case by case and no one has a clear view of who can see or change what.

WHAT IT DOES

Organizations & Users manages the organization tree, its sites and each person's role — per organization or per individual site. Every administrator manages only the levels below their own role.

HIGHLIGHTS

- ✓ Unlimited organization tree, one Owner per organization
- ✓ Roles per organization or per single site: Owner, Admin, Editor, Viewer
- ✓ Three views: by organization, by person, and a people x sites matrix
- ✓ Drag a person onto another organization or site to grant or move access



THE VALUE

Access stays clear and controlled, from one client to hundreds.

Enterprise foundations, without the complexity



Multi-organization hierarchy

Unlimited levels of organizations and sites.
Each level sees only what lies beneath it.



Role-based access

Owner, Admin, Editor and Viewer — per organization or per individual site.



Support mode

The service provider can temporarily assist inside a client's site, with time-limited, logged access.



Real-time collaboration

Changes synchronize instantly across all users; the app shows who is editing what.



Undo, snapshots and backups

Every change can be undone; local snapshots and full backups protect the data.



Secure sign-in & monitoring

Google sign-in, account approval, access logging and IP blocking.

Operational in three steps

01

Set up

We create your organization and sites, and configure roles for your team.

02

Migrate

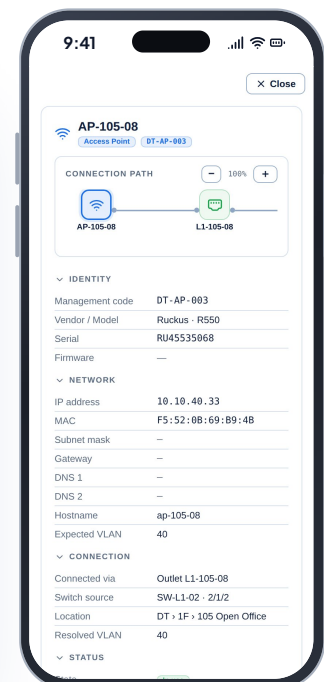
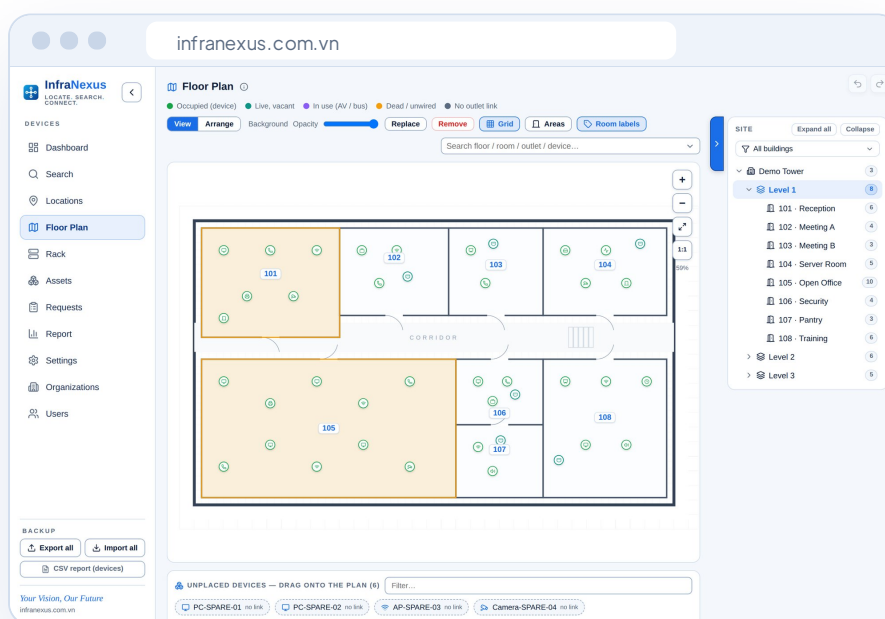
We import floor plans, rack layouts and existing registers from your current files.

03

Operate

Your team works on the platform from day one, with training and ongoing support.

No installation required. InfraNexus runs in any modern browser, on desktop, tablet and phone.



Technical specification

Delivery	Cloud service (SaaS), accessed via web browser
Devices	Desktop, laptop, tablet and smartphone; responsive interface
Browsers	Current versions of Chrome, Edge, Safari and Firefox
Structure	Organizations (unlimited depth) › Sites › Buildings › Floors › Rooms
Objects	Outlets, racks, patch panels, switches, end devices, IP pools, technical requests
Roles	Owner · Admin · Editor · Viewer; per organization or per site
Collaboration	Real-time synchronization; live editing indicator; undo / redo
Floor drawings	SVG floor plans, one per floor; room areas drawn in the app
Identification	QR code and barcode scanning via device camera
Labelling	Port strips, cable wraps and device labels on Brother P-touch printers (Windows)
Switch tooling	Generated CLI scripts: VLAN, PoE restart, MAC lookup, cable test
Import / export	CSV import with change preview; CSV export; PDF reports; full JSON backup
Security	Google sign-in, account approval, organization-level data isolation, access logging
Languages	English interface with Vietnamese-ready search and PDF output; support in Vietnamese and English



InfraNexus

See InfraNexus on your own infrastructure.

Tell us about your sites. We will prepare a demonstration and a deployment plan tailored to your organization.



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