IPClear + A10 Networks

Accelerated network transformation and IPv4 monetization, powered by A10 Thunder CGN

Most organizations that were early to the Internet hold large legacy IPv4 allocations they barely use, yet the traditional path to freeing them, a network-wide renumbering project, costs roughly two years and thousands of staff hours. IPClear's partnership with A10 Networks changes that math. By deploying A10's carrier-grade NAT (CGNAT) solution inside IPClear's automation, telemetry, and virtualization platform, we convert publicly routed address space into effectively private space, incrementally and without flash cuts, so that a valuable, dormant asset becomes unrestricted revenue while the network becomes more secure and performs better.

Six ways A10 CGNAT, powered by IPClear, delivers

Accelerate Network Transformation

IPClear wraps A10 Thunder CGN in its automation, telemetry, and virtualization platform, compressing a multi-year renumbering program into weeks or months of incremental, validated change.

Monetize Network Assets

Carrier-grade NAT lets an organization serve its entire user base from a small public footprint, freeing dormant IPv4 blocks that IPClear helps convert into unrestricted revenue.

Reduce or Eliminate Renumbering

Devices keep their existing addresses behind the A10 CGNAT boundary. Routing, DHCP, DNS, and host configurations stay put, so the renumbering project most organizations dread largely disappears.

Preserve Your Security Posture

Existing firewall policies remain in place, largely unchanged. Deployment is additive: the A10 layer sits alongside your current perimeter rather than replacing it.

Shrink the Attack Surface

Converting publicly reachable addresses to effectively private ones removes thousands of externally exposed entry points that adversaries can scan and probe.

Enhance Network Performance

Purpose-built A10 hardware offloads address translation and session handling, reducing load on existing routers and firewalls and improving throughput for users.

Why A10 Networks for CGNAT

A10 Thunder CGN is carrier-grade NAT built for service-provider scale: high session capacity, hardware-assisted translation, deterministic NAT and logging for compliance, integrated DDoS protection, and dual-stack IPv4/IPv6 support. IPClear's founders deployed the same class of technology across some of the largest broadband networks in the world, and IPClear standardizes on A10 as the trusted hardware in every CGNAT-based transformation it delivers.

How it's deployed

IPClear never performs a flash migration. The A10 CGNAT layer is introduced alongside the existing perimeter, and traffic moves behind it one segment at a time, each change engineered in a virtual model, applied by automation, and verified by telemetry.

1	**Discover** IPClear Telemetry builds an inventory and topology of the environment and a virtualized model of the network used to engineer and validate every change before production.
2	**Deploy** A10 Thunder CGN appliances are placed at the network edge in a redundant, high-availability pair, sized to the organization's session and throughput profile.
3	**Migrate** Traffic is steered through the A10 CGNAT layer segment by segment. No flash cuts. IPClear Automation generates, tests, and applies each change; Telemetry confirms it is impact-free.
4	**Recover and Monetize** Public IPv4 blocks are released as each segment completes, so recovered space can be monetized while the program is still under way.
5	**Operate** The organization's own staff retain ownership of the environment, with full Telemetry data exported at close-out. Ongoing white-glove support is available through IPClear's "Network Transformation as a Service" (NTaaS) offering.

What stays the same

- **Security policy.** Existing firewall rules, ACLs, and security tooling remain in service and largely unchanged; the A10 layer is additive.
- **Addressing.** Servers, printers, lab equipment, and endpoints keep their current addresses. DHCP scopes and DNS zones are not rebuilt.
- **Ownership.** Your infrastructure team retains full ownership after cut-over, with complete telemetry data handed over at close-out.

Two ways to engage

Accelerated Asset Recovery (AAR)

One-time managed engagement

- A10 CGNAT deployed and migration completed in months, often weeks
- Up-front COTS hardware from A10; fastest path to monetization
- Your team stays focused on strategic work throughout

Network Transformation as a Service (NTaaS)

Subscription, no up-front capital

- Same A10-powered platform on a paced timetable
- Zero dollars down; hardware investment deferred
- White-glove managed services from IPClear

Results our customers see

- **Revenue while in flight.** Recovered address space becomes available for sale as each phase completes, so revenue begins before the program ends. A single /16 typically nets hundreds of thousands to over $1 million at current market rates.
- **Smaller attack surface.** Thousands of externally reachable addresses are removed from the public Internet, cutting the perimeter that must be defended.
- **Less load, more headroom.** Address translation and session state are handled by purpose-built A10 hardware rather than general-purpose routers and firewalls.
- **Speed.** Most engagements complete in four to six months; timelines can be compressed further on request.

Ready to unlock your network's hidden value?

IPClear will scope an A10-powered CGNAT deployment for your environment and provide a revenue estimate for your recoverable IPv4 space. Visit ipclear.co to get started.