

Dynamic Data Protection for a Real-Time World

Get Total Visibility Into and Control Over Your Sensitive Data

Rule: Developers can't see email domain and phone number			View as: Admin ▾
☐	Name ▾	Email Address ▾	Phone Number ▾
☐	 Andrew D.	andrew278@gmail.com	888-125-29042
☐	 Daniel M.	daniel1227@yahoo.com	756-123-32942
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AI tools, privacy needs, third-party risk, and compliance demands all have one thing in common: your sensitive data in motion – and it's vulnerable. Nullafi puts a stop to the risk. We sit in the data path, watch what's flowing, and block or redact sensitive individual data elements in real time. No integrations. No agents. No app changes. Just total control over who can see what data, where.

We're the first dynamic data protection platform purpose-built to give you real-time visibility and control over data in motion. Nullafi inspects, classifies, and enforces policy on data in transit before it ever reaches unauthorized users, devices, or apps. Use us to mitigate risks associated with:

- Data Sharing in SaaS Apps and Collaboration Platforms
- AI Agents, LLMs, and Tools
- Unmonitored App Access (Shadow IT)
- Insider Threats and Overprivileged Users
- Data Exfiltration and Compliance Risk

Read on for some of the many use cases where Nullafi helps to protect your crown jewels.

Use Case: AI Tools

Your teams are already using AI to boost productivity – LLMs, agents, and chatbots – are now part of the daily workflow. That means sensitive data is flying through prompts, chats, and responses. But employees don't always think before they share.

That means that customer records, financial data, or internal intel can end up in a prompt or be pulled into a response. Once data is pulled into an AI tool, it's out of your hands.

Get control back with Nullafi. We monitor all traffic to and from apps and AI tools, no matter the platform, detecting and redacting sensitive data before it ever gets submitted or stored. Nullafi uses a patent-pending, stateless, deterministic cipher process that preserves the analytic capabilities of the AI without letting it see or interact with the underlying sensitive data. The mechanism relies on a sophisticated, reversible process that maintains the utility of the data for the AI while keeping it secure.

- Prevent sensitive data from being sent to AI tools in real time
- Protect against prompt leaks and model overreach
- Enable secure AI adoption without adding risk
- No integrations or workflow changes required

Use Case: Data Privacy

Privacy isn't optional anymore. Between GDPR, HIPAA, and customer expectations, your organization is expected to treat personal data like gold. The problem is, data is moving constantly between apps, users, and systems. Managing who can see what, and making sure nothing slips through the cracks, is getting harder every day. A single slip, like credit card numbers ending up in a downloaded report or patient records being found in chats, can result in major violations, fines, and brand damage.

Nullafi gives you automated, surgical control over data in motion. We stop sensitive fields (like names, SSNs, emails, or addresses) before they reach unauthorized users or systems. It's privacy enforcement that works without slowing anything down.

- Enforce least-privilege access in real time
- Automatically redact sensitive data based on content and context
- Apply consistent privacy controls across all traffic
- Reduce reliance on app-level policies or manual processes

Use Case: Third-Party Risk Management

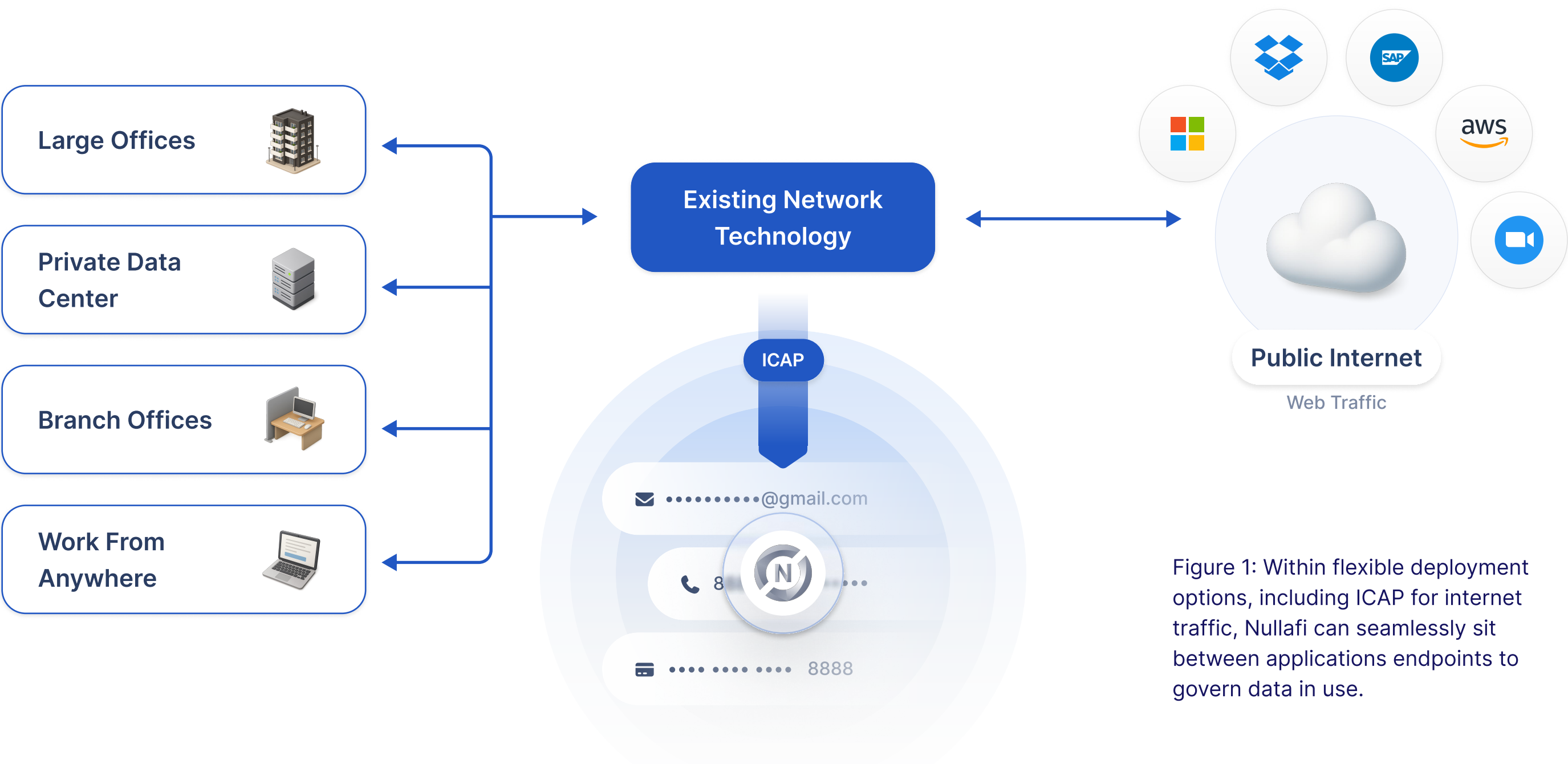
You rely on vendors, contractors, and partners to get things done. But every external connection is a risk. That's because third parties often have more access than they need. Once data is in their hands, you're trusting they'll handle it the right way, and that's a gamble. One over-permissioned vendor or sloppy contractor can expose your sensitive data. That means potential breaches, contract violations, and audit failures.

Nullafi enforces exactly who can access what – down to the data-level – before any data ever hits an endpoint. You control what vendors see, edit, or export, even when they're using your internal systems.

- Stop data oversharing with granular controls
- Enforce least-privilege access for external users
- Block or redact sensitive data in real time based on role, device, or location
- Eliminate blind spots in third-party data exposure

Use Case: Data Sovereignty

For organizations where data sovereignty is a challenge, Nullafi offers an AI Data Firewall that ensures an LLM never sees, processes, or stores the raw underlying data, so there is no risk of unauthorized model training on an organization’s proprietary or private information. This allows companies to maintain absolute control over their data assets, ensuring that their intellectual property and sensitive customer information never leak into the broader training sets of third-party AI providers.



Use Case: Data Governance & Compliance

You’ve got compliance mandates on one side and teams that need to move fast on the other. Trying to keep both happy is a constant balancing act. Unfortunately, most governance tools are slow, siloed, and rely on manual approvals or user discipline. Data moves too fast for that, and without real-time controls, sensitive data slips through. You lose visibility, struggle with audit readiness, and risk falling out of compliance.

Nullafi makes governance real time and automatic. Set plain-language rules that follow your data across every app and user. We log every action, enforce every policy, and give you the visibility you need, without slowing anything down.

- Automate compliance enforcement with zero overhead
- Lock down select sensitive data-in-transit
- Gain full audit trails mapped to users, IPs, and timestamps

Why Nullafi Works

- **Real-Time Enforcement:** Decisions happen as data is moving, before it hits an unauthorized recipient or system.
- **Precision with 17 Patents:** Advanced detection tech including pattern matching, fingerprinting, keyword detection, and contextual analysis ensures you catch and classify what matters with minimal noise.
- **Built for Modern Infrastructure:** Works across all environments and integrates with leading security appliances and proxies.
- **Agentless by Design:** No impact on endpoints. No need to rewrite apps. No end-user friction.

With Nullafi, data protection becomes proactive, not reactive. You control what data can move, where it can go, and who can see it – automatically, and at scale.

Next Steps

Your data is always moving. Nullafi makes sure it stays protected. One solution, many use cases – all in real time. Ready to see it in action? [Request a demo](#) or contact us at support@nullafi.com.

About Nullafi

Nullafi is the first dynamic data protection platform purpose-built to see and control data in motion anywhere it flows, in real time. We can sit between every user, application (including AI), and data source to give you instant visibility and granular control over who sees what, where, and when – without agents, friction, or delay. We serve primarily mid-market companies, technology resellers, and application developers. With rave reviews from analysts, multiple patents granted, and key partnerships established, Nullafi is transforming data security as we know it. Learn more at www.nullafi.com.