GYTPOL

Automated Group Policy Validation

Defining a security policy doesn't guarantee it will be effective or enforced. **GYTPOL does.**

Broken Order

Group Policy Objects (GPOs) are designed to give operators a mechanism for enforcing security & operational preferences across user & computer accounts in Windows environments.

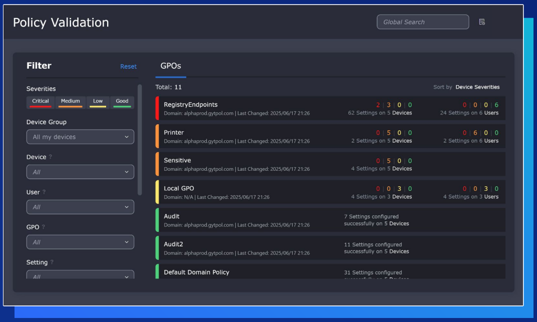
In practice, however, GPO designations may fail to reach and take effect on their intended endpoints for a number of reasons, including:

- Misconfigured loopback mode
- Group Policy Preferences (GPP) errors
- Item-level targeting (ILT) conflicts
- Missing ADMX templates
- OU filtering issues

These failures are common, hard to detect, and rarely validated in practice.

> **GPOs are Active Directory tools used to enforce system settings, security baselines, software deployments, user restrictions, and more.**

GYTPOL validates GPO enforcement through continuous, deep inspection that compares current state device behavior to your intended policies.



Policy Validation

Global Search

Filter — Reset

Severities: Critical | Medium | Low | Good

Device Group: All my devices

Device: All

User: All

GPO: All

Setting: All

GPOs

Total: 11 — Sort by Device Severities

RegistryEndpoints
Domain: alphaprod.gytpol.com | Last Changed: 2025/06/17 21:26
2 | 3 | 0 | 0 — 62 Settings on 5 Devices
0 | 0 | 0 | 6 — 24 Settings on 6 Users

Printer
Domain: alphaprod.gytpol.com | Last Changed: 2025/06/17 21:26
0 | 5 | 0 | 0 — 2 Settings on 5 Devices
0 | 6 | 0 | 0 — 2 Settings on 6 Users

Sensitive
Domain: alphaprod.gytpol.com | Last Changed: 2025/06/17 21:26
0 | 5 | 0 | 0 — 4 Settings on 5 Devices

Local GPO
Domain: N/A | Last Changed: 2025/06/17 21:26
0 | 0 | 3 | 0 — 4 Settings on 3 Devices
0 | 0 | 3 | 0 — 4 Settings on 3 Users

Audit
Domain: alphaprod.gytpol.com | Last Changed: 2025/06/17 21:26
7 Settings configured successfully on 5 Devices

Audit2
Domain: alphaprod.gytpol.com | Last Changed: 2025/06/17 21:26
11 Settings configured successfully on 5 Devices

Default Domain Policy
31 Settings configured

The GYTPOL Solution

Unlike conventional tools, GYTPOL enforces secure configurations dynamically, ensuring policies are correctly implemented and maintained without disruption.

By streamlining hardening at scale, GYTPOL helps operators rapidly mitigate risks and prevent drift with minimal operational burden.

Consider the following examples ...

	Risk	Root Cause & Fix
PowerShell and USB access not blocked for all users	Enables lateral movement and shadow admin activity	Misconfigured GPO loopback mode. GYTPOL identifies the issue and validates the corrected setting.
Passwords stored in Credential Manager	Credentials can be extracted by malware or attackers with local access	Item-Level Targeting filters conflict, preventing policy application. Filters are unified and validated by GYTPOL.
Firewall rules not enforced	Leaves open ports with no protection or alerting	ADMX template mismatch causes the GPO to fail silently. Templates are deployed and policies reapplied.
Local Policy overrides domain GPO	GPO settings appear to apply but are silently ignored	Local Group Policy on the endpoint takes precedence due to missing enforcement flag. GYTPOL flags the conflict; enforcement is corrected and confirmed.
Mapped printer or drive from GPP not applied to users	Users cannot access required network printer or the mapped driver	GPP item fails due to a network issue or denied access. GYTPOL detects the issue; targeting is corrected and validated across endpoints.

How It Works

GYTPOL leverages both Planning Resultant Set of Policy (RSOP) and Logging RSOP to identify field states that diverge from the intended application. The platform then determines the cause of that divergence and alerts the operator, empowering him/her to close the gap.

The process runs continuously to ensure the security of all monitored devices.
Here’s how it works:

- GYTPOL’s RSOP agent (installed only on a single Windows Server per domain) pulls Planning RSOP data from Active Directory using the GPMC API.
- GYTPOL’s sensor (on each endpoint) collects Logging RSOP data, showing real GPOs applied to that machine.
- Both datasets are uploaded to GYTPOL’s backend server (SaaS or on-prem).
- Comparing intent vs. reality across 30+ logical patterns, GYTPOL’s rules engine detects:
  - Missing settings
  - Policy drift
  - ILT/precedence issues
  - ADMX/template mismatches
- Findings are packaged and presented in GYTPOL’s severity-smart dashboard
- Guided remediation is provided for each alert.

GYTPOL

Configuration Security Made Simple

With GYTPOL, it's easy to stay ahead of emerging threats — finding and fixing weaknesses in minutes rather than weeks.

Users enjoy the following benefits

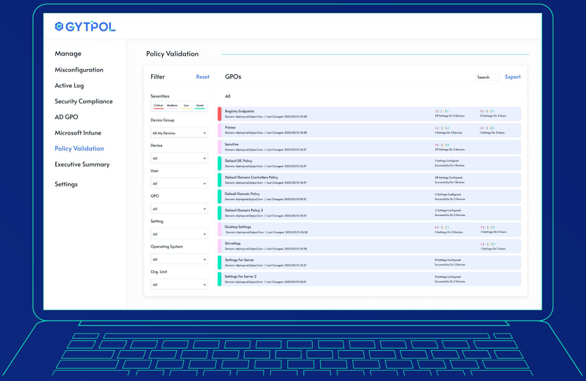
- **Minimize Risk of Security Breaches:**
  Detect GPO failures that could leave endpoints misconfigured and vulnerable to attack.
- **Ensure Compliance & Audit Readiness:**
  Instantly prove that your security policies are not just defined — but effectively enforced across your environment.
- **Reduce Operational Costs:**
  Save hours of troubleshooting with automated policy validation & root-cause analysis.
- **Improve IT Efficiency:**
  Empower IT teams with fast, accurate visibility into policy drift and misapplication.
- **Support Strategic IT Initiatives:**
  Confidently execute migrations, rollouts, and organizational changes with full GPO assurance.

About GYTPOL

GYTPOL is a first-of-its-kind solution focused on the configuration side of endpoint security.

Predicated on principles of automation and prevention, GYTPOL continuously monitors your devices and systems, detecting unpatched vulnerabilities and insecure configurations.

The platform enables proactive and non-disruptive remediation (or reversion) at the push of a button — ensuring safe and strict policy adherence while bolstering operational resilience and business continuity.



Registry Endpoints
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:38
29 Settings On 3 Devices
12 Settings On 3 Users

Printer
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:38
1 Settings On 3 Devices
1 Settings On 3 Users

Sensitive
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:37
29 Settings On 3 Devices

Default DC Policy
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:37
1 Setting Configured Successfully On 1 Devices

Default Domain Controllers Policy
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:37
28 Settings Configured Successfully On 1 Devices

Default Domain Policy
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:37
11 Settings Configured Successfully On 3 Devices

Default Domain Policy 2
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:37
2 Settings Configured Successfully On 3 Devices

Desktop Settings
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:38
3 Settings On 3 Devices
11 Settings On 3 Users

DriveMap
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:38
1 Settings On 3 Users

Settings For Server
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:37
8 Settings Configured Successfully On 3 Devices

Settings For Server 2
Domain: Alphaprod.Gytpol.Com | Last Changed: 2025/05/15 10:37
8 Settings Configured Successfully On 3 Devices

With GYTPOL, it's easy to bring any device or group in line with the standards of your choosing (e.g. CIS, NIST, etc.).

Additionally, GYTPOL helps organizations create and enforce golden image configurations — assuring consistent and secure baselines across all devices.

To learn more, please visit our website ⟶