



# Overview

Built on open, high-performance technologies and refined through real-world deployments, Globberry's NAT Logging Solution ensures reliable operation, quick traceability, and seamless integration with your existing OSS/BSS landscape.

## Key Benefits

Native API interfaces for integration with OSS/BSS, mediation, and monitoring systems.



Globberrry's NAT Logging Solution is built around a modular and distributed design, ensuring resilience and scalability across environments.



# Core Components

01

## Log Collector

Receives NAT session data from routers and firewalls in near real time. Supports multiple data formats and protocols, including syslog, IPFIX, and custom APIs.

02

## Storage Cluster

Stores and indexes log data for efficient retrieval and long-term retention. Optimized for high-volume write operations with built-in redundancy.

03

## Search Engine

Provides fast and flexible search capabilities. Operators can trace subscriber activity by source IP, translated IP, or port, retrieving results in seconds even from massive datasets.

04

## Management Interface

A web-based GUI for configuration, monitoring, and audit reporting. Includes role-based access and customizable dashboards.

05

## Integration Layer

RESTful APIs and connectors for OSS/BSS systems, enabling automated log queries and real-time data sharing with external platforms.



## Functional Highlights

- Real-time log ingestion and storage
- High-speed search by multiple parameters
- Configurable retention and archival policies
- Multi-vendor compatibility (Cisco, Juniper, Huawei, Mikrotik, etc.)
- Horizontal scalability for large carrier environments
- Secure access with role-based permissions and encrypted transport
- Built-in alerting and health monitoring





## Deployment Options

### Centralized

- Single, high-capacity instance for nationwide or large-scale operators.

### Distributed

- Regional nodes for edge data collection and local processing.

### Hybrid

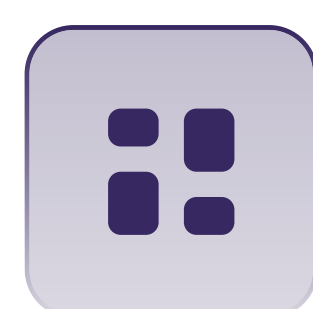
- Centralized search with distributed collectors for optimized performance.

## Professional Services



### Consulting

Evaluation of existing NAT and logging environments, with recommendations for optimization and integration.



### Implementation

End-to-end deployment — from solution design to data migration and acceptance testing.



### Support

Comprehensive 24/7 operational and technical support, including updates and monitoring assistance.

## About Globberry

Founded in 2014, Globberry delivers carrier-grade telecom solutions recognized by industry leaders such as Red Hat, Ericsson, and NEC. Our products power networks for Vodafone, Veon, Kyivstar, and Telus. We specialize in OSS/BSS, network inventory, and private network management designed for modern telecom and enterprise infrastructure.



**Globberry**



**EMEA:** +38 (050) 547 90 56



**NA:** +1 (754) 2100982



info@globberry.com



globberry.com

# Ready to improve NAT traceability and compliance?

Reach out to learn how our NAT Logging Solution can fit into your network environment.