Developer Platform: Cloud-Native Data Loss Prevention API

Overview

The Nightfall Developer Platform powers data classification & protection. Nightfall's programmable APIs are a set of building blocks developers can use to discover, classify, and protect sensitive data.

With Nightfall

Inspect data, wherever it lives, on or off the cloud.

Add data loss prevention & classification capabilities to your applications.

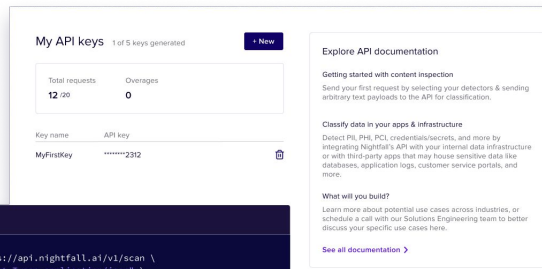Gain visibility into the data you store and process.

Key Benefits

For developers, by developers. Configure detection and integrate with just a few lines of code. Seamlessly add data classification to your applications & workflows using Nightfall's modern REST API.

Best in class accuracy. Deep learning-based detectors go well beyond regexes, rules, and search strings so you can make sense of your data without the alert fatigue and discover unknown-unknowns.

Flexible deployment. Nightfall APIs are deployed as a fully managed cloud service. The Developer Platform can be shipped & self-hosted behind your firewall.

My API keys 1 of 5 keys generated   + New

Total requests	Overages
12 /20	**0**

Key name	API key
MyFirstKey	********2312

Explore API documentation

Getting started with content inspection
Send your first request by selecting your detectors & sending arbitrary text payloads to the API for classification.

Classify data in your apps & infrastructure
Detect PII, PHI, PCI, credentials/secrets, and more by integrating Nightfall's API with your internal data infrastructure or with third-party apps that may house sensitive data like databases, application logs, customer service portals, and more.

What will you build?
Learn more about potential use cases across industries, or schedule a call with our Solutions Engineering team to better discuss your specific use cases here.

See all documentation >

```
curl https://api.nightfall.ai/v1/scan \
-H "Content-Type: application/json" \
-H "x-api-key: YOUR_API_KEY" \
-X POST  -d '{
    "detectors": [
        {
            "name": "CREDIT_CARD_NUMBER"
        }
    ],
    "payload": {
        "items": [
            "My credit card number is 4929-3813-3266-4295"
        ]
    }
}'
```

Rich file support. Nightfall scans over 100+ file types and performs machine learning based optical character recognition (OCR) to extract text.

Content Inspection as Code

Customize detectors and detection rules directly in the console UI or **configure as code**. Apply context rules (hot words) and exclusion rules (allow list), define minimum confidence & occurence thresholds, and more. Create your own detectors with regex & word lists.

Detectors

Nightfall's 100+ detectors accurately scan & classify data that developers stream to our API. Nightfall classifies **10M instances of sensitive data per month**. Nightfall **trains these detectors via machine learning**, providing best-in-class accuracy on structured and unstructured data alike. Detectors cover compliance with **HIPAA, GDPR, CCPA, PCI** & more.

- **Standard PII & Names**
- **ID Numbers**
- **Finance & PCI**
- **Network & Geographical Addresses**

- **Health & PHI**
- **Credentials & Secrets**
- **Custom Regexes & Word Lists**

"The web service integration and documentation was very easy. We had a functioning integration set up in a few hours with the ServiceNow platform."

Tim Alman
Manager, Enterprise Process Solutions

Background: Retail, 10,000+ Employees

Use Cases: Content moderation and monitoring for sensitive data & toxicity

Solution: Integrating Nightfall API with a custom application that is built on the ServiceNow platform

Benefits: Reduce manual inspection; Configure once, detect everywhere; Lower TCO & maintenance; Mitigate security & compliance risks

About Nightfall

Nightfall is backed by Bain Capital Ventures, Venrock, Webb Investment Network, and a cadre of high-profile operators, including CEO/executives of Okta, Splunk, FireEye, and Salesforce.

Get Started

Schedule a working session with a Nightfall Solutions Engineer to see a demo, plan your DLP project, and set up your free account.