

# Bitsight for Critical National Infrastructure

Empowering government organizations to monitor and protect critical infrastructure

## Product overview

Bitsight for Critical National Infrastructure is a subscription-based offering that enables customers to measure, monitor, and investigate the cybersecurity risk of nation states and their critical infrastructure companies. Customers have the ability to benchmark the security performance of their nation against others, look at the how their key industries perform compared to those in other nations, and pinpoint threats occurring within their geographic area. This information is made available through a Security Ratings portal as well as an API to allow for integration with other existing platforms.

## Gaining a new perspective

Today, the gathering and processing of information on cyber threats is still primarily a manual process. This often results in limited visibility and information gaps for security and risk teams tasked with defending against cyber threats. With the increased rate at which malware and threats develop and spread, organizations responsible for national security need a more efficient way to synthesize intelligence in order to take action. Bitsight for Critical National Infrastructure automates the gathering of this information and adds greater visibility and context to cyber threats occurring a given geographic area so that the most critical information can be passed on to key stakeholders. National agencies can now gain an understanding of trends occurring within their nation, execute searches at a country-wide level, and develop strategic plans to reduce and prevent cybercrime.



Detailed Key Security  
Performance Indicators (KPIs)



Readily available information  
on infections & cyber threats



Assess nationwide  
cybersecurity

Bitsight for Critical National Infrastructure takes the burden of manual collection & analysis away so agencies can gain actionable insight into cyber threats and initiate remediation with appropriate parties

## Key Benefits

- Calculation of a specific security rating for the whole country: Sovereign Security Rating
- Global security benchmarking on a national, industry, and organizational level
- Continuous security monitoring of critical infrastructure organizations
- Readily available forensic information and infections details to facilitate remediation of security incidents for critical organizations

## Who benefits from Bitsight for Critical National Infrastructure?

- National Security Organizations (NSOs)
- Computer emergency response teams (CERTs)
- Computer security incident response teams (CSIRT)



## How are Sovereign Security Ratings calculated?

Bitsight Sovereign Security Ratings are a measurement of a country's relative security performance. Ratings are updated daily and available in the Bitsight application. The higher the Rating, the more effective the country is in implementing good security practices across residential and corporate networks. Bitsight Sovereign Security Ratings are calculated using a proprietary algorithm that examines four classes of externally observable data: compromised systems, security diligence, user behavior, and public disclosures.

The screenshot shows the Bitsight Platform interface for 'Network registry: 3'. It displays a table of historical forensics data for IP addresses within a country. The table has columns for 'IP Address', 'Date', 'Category', and 'Details'. The data is organized into a table with 4 columns: IP Address, Date, Category, and Details. The data is organized into a table with 4 columns: IP Address, Date, Category, and Details. The data is organized into a table with 4 columns: IP Address, Date, Category, and Details.

IP Address	Date	Category	Details
192.168.1.1	2017-05-01 10:00:00	Network Security	Malware
192.168.1.2	2017-05-01 10:00:00	Network Security	Malware
192.168.1.3	2017-05-01 10:00:00	Network Security	Malware
192.168.1.4	2017-05-01 10:00:00	Network Security	Malware
192.168.1.5	2017-05-01 10:00:00	Network Security	Malware
192.168.1.6	2017-05-01 10:00:00	Network Security	Malware
192.168.1.7	2017-05-01 10:00:00	Network Security	Malware
192.168.1.8	2017-05-01 10:00:00	Network Security	Malware
192.168.1.9	2017-05-01 10:00:00	Network Security	Malware
192.168.1.10	2017-05-01 10:00:00	Network Security	Malware

The Bitsight Platform provides customers with historical forensics on IP addresses within their country. Information shown is fictitious.

Bitsight is a cyber risk management leader transforming how companies manage exposure, performance, and risk for themselves and their third parties. Companies rely on Bitsight to prioritize their cybersecurity investments, build greater trust within their ecosystem, and reduce their chances of financial loss. Built on over a decade of technological innovation, its integrated solutions deliver value across enterprise security performance, digital supply chains, cyber insurance, and data analysis.

BOSTON (HQ)

RALEIGH

LISBON

SINGAPORE

BUENOS AIRES



**BITSIGHT**