

# Strengthening Nationwide Cyber Defense



Protect critical national infrastructure by uniting national cyber defense with near real-time knowledge sharing and unparalleled situational awareness of the threat landscape with Google SecOps CyberShield.

#### Raise the bar for cyber defense

Google SecOps CyberShield ensures the people, processes and technologies are in place to combat modern threats. CyberShield enables governments to build an enhanced cyber threat capability, protect web-facing infrastructure, and develop skills and processes that drive effective security operations.



## Streamline nationwide security operations

Modernize government security operations centers with capabilities to enhance detection, protect against major threats, and automate response and incident management.



#### Protect web assets and infrastructure

Secure nationwide and entity web assets from large-scale cyber attack with digital security integrated to prevent against new and existing threats like distributed denial of service, bot attacks and defacement.



#### Develop capability excellence

Develop the governance, process and skills required to build and operate modern security operations delivered through a nationwide cyber security capability.



#### Key components of Google SecOps CyberShield

## Threat Intel and Analysis

Production and analytical support at scale inform threat-led security outcomes; analyzing the likelihood and potential impact of potential and actual cyber attacks

### Coordinated Monitoring

Next generation
monitoring
capabilities enhance
detection, protect
against target
threats, and
automate response
and incident
management

## Incident Management and Response

enables
investigation, triage,
response and
remediation of
cybersecurity
incidents around the
clock, minimizing
impact

#### Continuous Validation

Strengthen
capabilities to
defend: Continuous
red / purple teaming
simulates real
attacks. In-depth
technical
assessments
identify risk and
resilience

#### Defend against tomorrow's attacks today

Google SecOps CyberShield presents a comprehensive solution that provides technology, processes, capabilities, and resources required to deliver unparalleled situational awareness of the threat landscape. CyberShield can help improve national security at scale, accelerate innovation, and support continuous cyber defense. With CyberShield you can:

- Enhance situational threat awareness across the nation
- Drive effective security operations
- Reduce the impact and severity of cyber attacks to critical national infrastructure
- Continuously test threat detection capabilities and build effective response to major incidents
- Improve security governance
- Build advanced skills, talent, and capabilities