

SOLUTION BRIEF

# Security of Critical Infrastructure Act (SOCI) 2018

The Security of Critical Infrastructure Act (SOCl) 2018 outlines the legal obligations for those who own, operate, or have direct interests in critical infrastructure assets. It is a legislative framework designed to promote and enhance the protection of critical infrastructure, which consists of 11 sectors, from cyber threats. The act is aimed to safeguard vital systems and assets that are essential for the functioning of a nation's economy, security, and public health.

## Key provisions of the SOCI 2018 include:

# 1

### Identification of Critical Infrastructure

The act outlines procedures for identifying and categorizing critical infrastructure sectors such as energy, transportation, communication, healthcare, and finance.

# 2

### Risk Assessment and Management

Organizations must conduct regular and scheduled risk assessments to identify vulnerabilities and threats to critical infrastructure, and implement appropriate risk identification and mitigation strategies.

# 3

### Cybersecurity Standards and Best Practices

SOCI 2018 establishes cybersecurity standards, best practices and specific actions that organizations must adhere to in order to protect critical infrastructure from cyber threats.

# 4

### Incident Reporting and Response

The act outlines requirements for incident reporting and response protocols to ensure timely and effective handling of cyber incidents affecting critical infrastructure.

# 5

### Information Sharing and Collaboration

Promotion of information sharing and collaboration among government agencies, private sector entities, and other stakeholders to enhance cybersecurity resilience across critical infrastructure sectors.

In the context of the SOCI Act, organizations are not only encouraged but may also be legally obligated to adopt an approved cybersecurity framework. These frameworks, such as the Essential Eight developed by the Australian Cyber Security Centre, NIST, ISO 27001 & ISO 27002, SOC2, NERC-CIP, HIPAA, GDPR, and FISMA, provide a structured approach to managing cybersecurity risks. They offer guidelines for protecting valuable assets, identifying and managing risks, and recovering from cybersecurity incidents.

Implementing these frameworks demonstrates an organization's commitment to cybersecurity, builds trust with stakeholders, and ensures compliance with relevant laws and regulations. While the adoption of a specific cybersecurity framework may not be officially mandated across all sectors, it is increasingly recognized as a best practice and may be required by industry-specific regulations. Therefore, organizations are strongly advised to select and implement a cybersecurity framework that aligns with their needs and ensures compliance with the SOCI Act.

Armis, the asset intelligence cybersecurity company, protects the entire attack surface and manages the organization's cyber risk exposure in real time. Armis Centrix™, the Armis cyber exposure management platform, is powered by the Armis AI-driven Asset Intelligence Engine, which sees, secures, and manages billions of assets around the world in real time. It can help organizations align with the Security of Critical Infrastructure Act (SOCl) 2018 through its comprehensive cybersecurity solution tailored for critical infrastructure protection.

## Armis Centrix™ key functionality:

### Asset Discovery and Inventory



Armis provides continuous asset discovery and inventory management capabilities across IT, OT, IoT, IoMT assets. This enables organizations to comprehensively identify all devices connected to their network, including IoT and unmanaged devices that may pose security risks to critical infrastructure.



## Vulnerability Assessment and Management

Armis helps organizations conduct vulnerability assessments to identify security weaknesses in their networked devices and prioritize remediation efforts based on asset criticality to mitigate risks to critical infrastructure.



## Threat Detection and Response

Armis offers real-time threat detection and response capabilities that leverages a multi detection threat engine to identify and mitigate cybersecurity threats targeting critical infrastructure assets. Armis Asset Intelligence engine leverages the 4 billion plus asset database and provides organizations with the deep situational awareness to help organizations detect and respond to incidents more effectively.



## Compliance Monitoring and Reporting

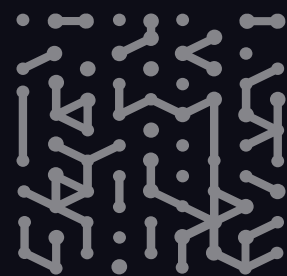
Armis assists organizations in monitoring compliance with cybersecurity standards and regulatory requirements outlined in SOCI 2018 by providing visibility into security posture and generating compliance reports.



## Information Sharing and Collaboration

Armis facilitates collaborative threat intelligence sharing by pulling as well as sharing information with the other security products that are part of the organization's tech stack. This integrated approach eliminates security siloes and blind spots while also enabling the organization to benefit from collective insights and collective defense strategies. Furthermore, and as part of our threat intelligence engine, organizations can stay ahead of emerging threats and bolster their cyber resilience.

By leveraging Armis Centrix™, organizations can strengthen their cybersecurity posture and align with the requirements of the Security of Critical Infrastructure Act (SOC I) 2018 to better protect critical infrastructure from cyber threats and unacceptable risk.



**Armis, the asset intelligence cybersecurity company, protects the entire attack surface and manages the organization's cyber risk exposure in real time.**

In a rapidly evolving, perimeter-less world Armis ensures that organizations continuously see, secure, protect and manage all critical assets.

Armis secures Fortune 100, 200 and 500 companies as well as national governments, state and local entities to help keep critical infrastructure, economies and society safe and secure 24/7.

Armis is a privately held company headquartered in California.

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