

# The Physical + Cyber Security Convergence Is Here

## Effective Leaders

Effective leaders are protecting their enterprises by connecting the dots between physical and cyber risk to reduce threats proactively, and to triage, manage, and respond more effectively during a crisis. These leaders understand that cyber threats are no longer solely cyber problems when they affect physical operations, and vice versa. CSOs and CISOs are teaming up to fill the coverage gap by combining physical and cyber threat intelligence and technologies.

## New Attack Vectors

Physical and information security are completely interconnected in modern buildings. Many are wired for network support of lighting, access control systems, thermostats and HVAC, and other building infrastructure. Internet of Things (IoT) devices are now on the network. It is essential to build situational awareness about possible network hopping, eavesdropping, unauthorized access, or other physical risk and vulnerabilities. Security leaders must understand how the physical realm is at risk from cyber-attack vectors.



## NC4<sup>®</sup> Overview

### Physical

#### NC4 Risk Center<sup>™</sup>

- Proactively manage risks to your organization
- Keep employees and traveler safe with real-time incident updates

### Cyber

#### NC4 Mission Center<sup>™</sup> Soltra Edge<sup>®</sup>

- Unify teams with cyber threat intelligence collaboration
- Interoperate with SIEM, Firewall, etc.
- Integrate human collaboration with device automation

### Social

#### NC4 Signal<sup>™</sup>

- Leverage Open Source Intelligence (OSINT)
- Filter through the noise to find relevant data

Physical access points can also be the source of cyber breaches. Physical events can affect your organization's communications and critical information systems, creating significant business disruption. Cyber threat intelligence can warn you about adversary targeting of your enterprise for social, cultural, or political reasons and can be the tripwire you need to mitigate physical risk.

## **Paradigm Shift**

Don't be that organization with a huge blind spot in understanding the physical risk of cyber events, and the cyber risk of physical incidents and vulnerabilities. If you are not looking at cyber and physical risk together, then there may be a huge attack surface you are unaware of. If exploited, your teams may not identify the attack for some time, vastly magnifying the impact of the event on your organization. This is especially true in unmanned or low-staff facilities like data centers and in partner/vendor facilities or transportation systems with computers connected to your network.

*The security industry is undergoing a paradigm shift. If you are not fusing your physical and cyber security processes, people, or technology, you are missing the chance to be the hero that makes great strides in reducing risk for your enterprise.*

## **Reduce Operational Friction**

NC4 is reducing the "operational friction" of combining the cyber and physical security spheres. NC4 Risk Center™ is the leader in delivering relevant, timely, physical threat intelligence for physical assets and traveling employees. We are combining this capability with our NC4 Mission Center™ and Soltra Edge® cyber threat intelligence tools to enhance human collaboration and machine automation that helps security, incident response, and crisis management teams collaborate and interoperate more efficiently. NC4 Signal™ provides the open source intelligence that brings an outside social component to the physical and cyber security picture.

**Contact NC4 at [info@NC4.com](mailto:info@NC4.com) for additional information.**

## **More About NC4®**

NC4 delivers safety and security solutions for both business and government organizations. NC4 revolutionizes how organizations and communities collect, manage, share and disseminate information to reduce cyber threats, fight crime, mitigate risks and manage incidents. NC4 also provides cyber threat sharing solutions both through secure collaboration services and recently (via Soltra Edge), through automated, structured, and standardized (STIX/TAXII) mechanisms.

NC4 solutions are used by private sector companies involved in financial services, high-tech, insurance, manufacturing, aerospace and defense, oil and gas, pharmaceuticals and healthcare, as well as other industries. In the public sector, NC4 solutions are used by federal, state and local agencies in homeland security, emergency management and law enforcement disciplines.

To learn more about how NC4 can benefit your organization, visit [www.NC4.com](http://www.NC4.com) or call 877-624-4999 or 310-606-4444.