

Scalable cloud-based solutions  
leveraging Open Source Big Data

## Supply Chain Risk Management

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Global supply chains are exponentially increasing by risk of disruptions. Whether caused by natural disaster, financial hardship, or purposeful foreign attack all equal the same result – failure to accomplish the mission. With the security threat landscape continually evolving and breaches that increasingly span industries, exploiting risks to businesses, national security missions, and infrastructure, governments and the defense industry are moving quickly to address current and future challenges and protect what matters most.

BAE Systems offers an innovative supply chain security solution enabling customers to stay ahead of incoming threats, reduce the risk of losing valuable information, intelligence, and property and make strategic, data-driven decisions. Combining state-of-the-art Artificial Intelligence/Machine Learning (AI/ML) and leveraging Open Source data together with traditional indicators of supply chain resilience, we provide a highly scalable, cloud-based analytic environment that synergizes both automated and manual capabilities to provide a full spectrum of Supply Chain Risk Management (SCRM).

### Benefits

- Scalable suite of novel capabilities leveraging Open Source Big Data for risk assessment associated with exceedingly complex supply chains
- Significant innovation beyond traditional SCRM capabilities, to include identification of threat vectors in near-real time using non-traditional indicators from social media and the deep and dark web
- A mature and proven capability currently in operation across current BAE Systems customers and Government partners within the defense and intelligence communities

## Leveraging the power of AI/ML to mitigate risk

Our innovative SCRM capability, comprised of a suite of AI-empowered Open Source tools, enable assessment of supply chain risk in near-real time to identify, catch, and mitigate risk before it turns into a crisis or threat to national security. As a leading provider of AI/ML and data science services, supply chain security, and enhanced risk management solutions, we enable our customers to analyze data, cross-examine the threat landscape, and track products through the supply chain as well as data that might get compromised on the dark web - all while receiving leading and lagging indicators. Our solution not only notifies customers of the potential for physical threats, it includes risk of cyber-attack in addition to data or financial loss.

## Mitigating the risk of disruptions

Supply Chain Risk Management is the process of taking strategic steps to identify, assess

and mitigate the risk of disruptions to supply chains. Our SCRM solution offers customers with data gathering, cross-domain integration, risk analysis and visualization together with decision-making support, reducing risks and driving efficiencies across the supply chain ecosystem.

At BAE Systems, Supply Chain Security (SCS) is used to illustrate the integration of SCM, SCRM, Acquisition, and Systems Engineering (SE) practices and assessments, with intelligence-informed assessments to identify and mitigate threats, while developing a resilient supply chain for the future. Our SCM capability enables customers to evaluate a range of vendors and analyze the key information needed to select new components or other mission-critical elements, enabling the ability to track in machine-speed the health and security of these elements, ensuring system availability and ultimately mission success.

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Intelligence & Security

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