

# Microsoft Sentinel Capabilities for OT, IT with ROI Calculator

Modernizing security information and event management with Sentinel

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Microsoft

## Business drivers

Organizations can enhance their cybersecurity posture, improve operational efficiency and better align security strategies with overall business objectives:

- **Data management and analytics:** Organizations must efficiently process and analyze large volumes of data to identify key security events. The massive volume overwhelms traditional security information and event management (SIEM), obscuring key security events.
- **Scalability and flexibility:** The scalability issue with SIEM systems indicates a need for flexible solutions that can adapt to changing requirements. SIEM struggles to cope with expanding security needs of a growing organization.
- **Speed of response:** Organizations need automated response and real-time monitoring to enhance their ability to respond quickly to incidents. Evolving threat landscape necessitates faster response time.
- **Improved signal-to-noise ratio:** Organizations must invest in technologies that can help reduce alert fatigue and ensure that security teams can focus on meaningful threats. Filtering meaningful signals from noise is challenging and causes alert fatigue.
- **Streamlined SIEM:** This driver emphasizes the importance of simplifying security management to reduce costs and improve operational efficiency. Having multiple SIEM systems complicate integration, increase costs and hinder effective management.
- **Cost optimization:** Organizations must seek ways to optimize their security expenditures while maintaining robust protection. SIEM licensing cost comprises significant portion of information security (InfoSec) budget.

## Solution overview

Microsoft Sentinel Capabilities for operational technology (OT), information technology (IT) with return on investment (ROI) Calculator offers enhanced threat detection, automated response capabilities and broad log collection across on-premises and cloud systems.

By leveraging artificial intelligence (AI) and cloud scalability, the **Sentinel Capabilities for OT, IT with ROI Calculator** solution enhances the efficiency and effectiveness of security teams in helping manage and mitigate threats through:



## Solution benefits

**Sentinel Capabilities for OT, IT with ROI Calculator** assists in enabling centralized reporting with simplified data collection, automation and SOC upskill with AI-driven incident response, providing the following benefits for clients:

- **Advanced threat detection**  
Leading analytics, machine learning (ML) and the vast threat intelligence capability of Microsoft quickly and accurately identify and alert on potential security threats.
- **Unified security management**  
Seamless integration with a wide range of Microsoft services and third-party applications provides a centralized platform for enterprise-wide monitoring and security management.
- **Higher ROI**  
The solution leverages security orchestration, automation and response (SOAR) solutions that focus on automating repetitive and time-consuming tasks, allowing security teams to scale security operations and improve accuracy.
- **Smarter decision-making**  
It helps enable organizations to optimize security strategies and resource allocation based on empirical evidence (broad security data and analytics), which support informed decision-making.
- **Context-aware**  
It leverages AI models with data-driven algorithms and self-learning capabilities that add additional context to logs, benefiting teams beyond IT.

## Solution differentiators

- The Sentinel Capabilities for OT, IT with ROI Calculator solution brings together the global leading practices and knowledge of EY teams across industries to accelerate the clients' Sentinel adoption and help them take their products and services to the next level.
- EY teams all over the world have unlocked long-term value and exponential results for clients by combining Microsoft-powered innovative solutions with business ingenuity and industry experience. These innovative solutions have already embedded generative AI (GenAI) capabilities and can be leveraged under this framework.
- With AI driving significant disruption across industries, EY teams and Microsoft equip clients with leading technologies like Sentinel and a broad framework for successful implementation, leading clients to transformation.

## Joint value proposition

- Named partner of the year by Microsoft for the fifth consecutive year, the EY organization brings innovative consulting services to help enable Microsoft products for clients.
- The EY organization builds upon and collaborates with Microsoft to create additional functionality and value from connectors and plug-ins that clients seek.
- EY teams leverage knowledge with Microsoft, as well as in-depth cross-industry experiences, to provide optimized and calculable value and leading solutions based on business objectives.

## Contacts

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## EY and Microsoft: Helping the world work better to achieve more.

Every day, throughout the world, businesses, governments, and capital markets rely on EY business ingenuity and the power of Microsoft technology to solve the most challenging global issues with extraordinary, transformative outcomes.

EY and Microsoft bring a compelling formula to spark the potential of the cloud and unlock the power of data. We solve our clients' most challenging issues by blending trusted industry expertise with innovative cloud technology. Our strategic relationship draws on decades of success developing visionary solutions that provide lasting value.

**Together, we empower organizations to shape the future with confidence.**

For more information, visit: [ey.com/microsoft](https://ey.com/microsoft).

## EY | Building a better working world

EY is building a better working world by creating new value for clients, people, society and the planet, while building trust in capital markets.

Enabled by data, AI and advanced technology, EY teams help clients shape the future with confidence and develop answers for the most pressing issues of today and tomorrow.

EY teams work across a full spectrum of services in assurance, consulting, tax, strategy and transactions. Fueled by sector insights, a globally connected, multi-disciplinary network and diverse ecosystem partners, EY teams can provide services in more than 150 countries and territories.

All in to shape the future with confidence.

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