

# TrueFort Platform: Empowering Energy and Utilities

A Comprehensive Solution for the Energy and Utilities Industry

## The Critical Role of Energy and Utilities

Encompassing a vast array of companies producing and distributing coal, oil, natural gas, nuclear power, and renewable fuels, the energy and utilities sector is a cornerstone of the modern economy. This sector is responsible for powering nations, managing complex networks of infrastructure, and ensuring the uninterrupted supply of energy. However, its critical role also makes it a prime target for both kinetic and cyber threats.

## Cyber Risk Landscape in Energy and Utilities

This sector faces significant cyber risks from vulnerabilities in its Information Technology (IT) systems, Operational Technology (OT) infrastructure, and supply chain partners. The convergence of IT and OT, especially in the context of the evolving 'smart grid' and the industrial Internet of Things, has opened new avenues for cyber threats.

## The Challenge of Cyberattacks

Cyberattacks accounted for a significant portion of critical infrastructure breaches in recent years. Incidents, like the Colonial Pipeline ransomware attack, highlight the sector's vulnerability and the potential for widespread disruption and financial losses.

## Addressing Cyber Challenges with Advanced Solutions

As an advanced cybersecurity solution, the TrueFort Platform offers a multifaceted approach to mitigate these risks. TrueFort offers advanced microsegmentation, real-time behavioral analytics, granular policy enforcement, and comprehensive reporting, all integrated within a flexible architecture that enhances cybersecurity through proactive threat detection, response, and compliance management.

▶ In 2022, **10.7%** of all observed cyberattacks were directed at the energy industry, ranking it fourth overall among industries targeted by cyberattacks.

(SecurityIntelligence)

▶ IoT malware has grown by **87%** compared to the previous year, reaching 112.3 million cases.

(Techopedia)

▶ **48%** of security breaches occurred at the application layer, making it the most commonly identified attack vector.

(Techopedia)

## Reducing Exposure to Insider Threats and Breaches

By providing a clear view of intra-application activity, TrueFort enables quick detection and rectification of concerning behavior, safeguarding sensitive data and information.

## Minimizing Outages and Downtime

The Truefort Platform effectively prevents the spread of ransomware, reducing the impact and cost of security incidents by minimizing the number of systems affected.

## Real-Time Visibility and Control

In partnership with advanced asset management solutions, TrueFort ensures only authorized communications in IT, IoT, and OT environments, providing comprehensive mapping across all network traffic.

## Compliance and Regulatory Adherence

TrueFort assists in adhering to NERC and FERC compliance, offering real-time monitoring, application behavior analytics, granular policy enforcement, data protection, and comprehensive reporting.

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**“We need to get this installed everywhere, right away”**

Cybersecurity lead for a national energy co.

## What Makes the TrueFort Platform Different?

- **Agent Flexibility:** Compatibility with existing agents (CrowdStrike Falcon and SentinelOne) streamlines deployment and reduces complexity.
- **Process Termination:** TrueFort offers the unique ability to terminate malicious processes, enhancing protection against dynamic cyber threats.
- **CIS Benchmarking:** Continuous protection against misconfiguration ensures secure and compliant operations.
- **Behavior Analytics with Machine Learning:** Truefort's advanced analytics provide insights into normal operations, supporting informed security decisions.
- **Service Account Protection:** A standard feature of TrueFort's lateral movement protection best practices, vital in complex networks – in the data center or in the cloud.
- **Enterprise Reporting:** TrueFort offers comprehensive enterprise-level reporting for security, compliance, and business continuity, essential for large-scale operations.

## A Strategic Approach to Cybersecurity in Energy and Utilities

In an industry where operational disruptions can have catastrophic consequences, a strategic approach to cybersecurity is essential. TrueFort provides the tools necessary to safeguard against evolving cyber threats, ensuring the resilience and security of critical energy and utility infrastructures.

### ABOUT TRUEFORT

TrueFort® Platform puts you in control of lateral movement across the data center and cloud, protecting service accounts and against zero-day threats. The TrueFort Cloud extends protection beyond network activity by shutting down the abuse of service accounts. Founded by former IT executives from Bank of America and Goldman Sachs, leading global enterprises trust TrueFort to deliver unmatched application environment discovery and microsegmentation for accounts and activity.

For more information on how TrueFort can enhance your manufacturing cybersecurity posture, please contact us for a detailed demonstration.



3 West 18th Street  
Weehawken, NJ, 07086  
United States of America

+1 201 766 2023  
[sales@truefort.com](mailto:sales@truefort.com)