

# TrueFort® Platform: Effectively Isolating Ransomware

## Effectively Isolating Ransomware with the TrueFort Platform

Ransomware is a particularly insidious and pervasive threat. With TrueFort Platform, organizations can combat this menace and elevate their overall cybersecurity ecosystem.

### Discover and Map Your Digital Environment

To guard effectively against threats, you need a full, detailed understanding of your digital environment. TrueFort's application behavior analytics enables businesses to discover and map an entire application infrastructure automatically.

- ▶ **Granular visibility:** TrueFort provides a clear, granular view of the entire application stack, encompassing servers, databases, networking components, and cloud environments.
- ▶ **Real-time data collection:** The platform continually collects and analyzes behavior data, facilitating precise anomaly detection and proactive threat remediation. A complete mapping allows security teams to implement better protective measures.
- ▶ **Industry best integration:** Reduce complexity, enhance coverage, faster time-to-value, and cost-saving by making use of existing SentinelOne and/or CrowdStrike agents.

By leveraging TrueFort's holistic visibility, it is possible to identify previously unnoticed vulnerabilities and take proactive steps to seal those gaps.

"Nobody, and I mean  
NOBODY, else is doing this."

Dir. Sec. Eng, Top 5 Telecom provider

- ▶ The average downtime a company experiences after a ransomware attack is **22** days.  
(Statista, 2021)
- ▶ The average cost of a ransomware attack is projected to reach **\$11.5 million** by 2023.  
(Cybersecurity Ventures)
- ▶ **41%** of organizations have experienced a ransomware attack in the past year.  
(Proofpoint)
- ▶ **37%** of organisations that paid off a ransomware attack still did not recover their encrypted data.  
(Sophos)

## Hardening Systems with CIS Benchmarks

Adherence to industry standards, like the Center for Internet Security (CIS) benchmarks, is crucial. The TrueFort Platform integrates these benchmarks, allowing organizations to harden their systems against a myriad of cyber threats.

- **CIS benchmarks implementation:** TrueFort helps ensure your systems align with the secure operating system configuration standards defined by CIS.
- **Automatic configuration checks:** The platform continually audits system configurations against these standards, identifying deviations and proposing corrections.

In practice, TrueFort's built-in CIS benchmarks significantly reduce attack surface by utilizing real-time behavior analytics of your workloads to enable optimal system hardening.

## Approved Baselines to Prevent Unusual Actions

With TrueFort, you can establish and maintain approved behavior baselines for your applications and systems, preventing unnecessary actions that might jeopardize security.

- **Behavior analytics:** The platform identifies normal behavior patterns for your applications and alerts on deviations.
- **Proactive prevention:** By stopping unauthorized activities in their tracks, TrueFort helps prevent ransomware infection before it can take root.

Eliminate dozens of potential attack vectors by maintaining approved baselines with TrueFort.

## Preventing Lateral Movement

By limiting application-to-application interactions, TrueFort can prevent lateral movement - a common tactic used by ransomware and other cyber threats to spread.

- **Microsegmentation:** TrueFort enables microsegmentation of your network, restricting lateral movement across applications and reducing your attack surface.
- **Zero trust enforcement:** The platform facilitates the implementation of a Zero Trust architecture, ensuring every action is verified, no matter where it originates.

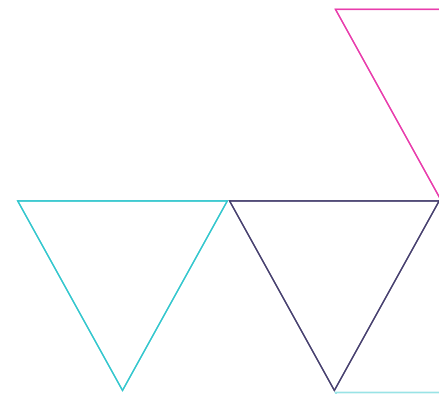
TrueFort's microsegmentation capabilities contain any potentially crippling ransomware attack before it spreads.

## Rapid, Intelligent Response

In the event of a ransomware attack, rapid response is essential. TrueFort's platform equips security teams with real-time alerts and clear forensics, enabling quick, decisive action.

- **Real-time threat detection:** The platform's behavioral analytics identify anomalous patterns, alerting your team the moment an incident occurs.
- **Automated remediation:** TrueFort can automatically initiate countermeasures, such as blocking connections or isolating applications.

Some of our clients have drastically reduced their response time by as much as 75% with the help of TrueFort.



## Blocking Unauthorized Activities

In the battle against ransomware, TrueFort can automatically block unauthorized activities, such as network connections between applications, abuse of service accounts, and malicious process execution.

- **Automated policy enforcement:** TrueFort's platform creates and enforces granular policies to prevent unauthorized connections.
- **Reduction of attack vectors:** By limiting unauthorized activities, TrueFort helps decrease the potential pathways for ransomware to spread.

The TrueFort platform presents a formidable defense against ransomware, helping businesses proactively discover and isolate threats before they cause significant damage.

By leveraging the comprehensive visibility, stringent security benchmarks, intelligent behavior analytics, and swift response mechanisms of TrueFort, organizations can confidently navigate the digital landscape, even in the face of persistent ransomware threats.

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"This is a real eye-opener. Your product capabilities are massively understated."

CISO, FinServe

### ABOUT TRUEFORT

TrueFort puts you in control of lateral movement across the data center and cloud. 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, visit [truefort.com](https://truefort.com) and follow us on [Twitter](#) and [LinkedIn](#).



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