

# TrustDefender™ Client from ThreatMetrix™

Protection from Client-side Malware and Attacks



## Introduction

For businesses that handle online transactions, the customer's computer is a risk factor outside their control. Businesses cannot know if the end user device is infected with malware or keyloggers, or using an insecure network. This is a particular concern for online banking, e-commerce sites, and trading applications, where the financial stakes are high.

TrustDefender™ Client from ThreatMetrix mitigates the risk of hidden malware compromising authenticated sessions to steal data, identities or money. A small client component installed on end user computers isolates or neutralizes malware, verifies legitimate websites, protects the online session with the business, and communicates with the business to identify potential fraud.

Using TrustDefender Client, online businesses and organizations can:

- Protect customer/end user identity and account information from theft
- Improve end user confidence in online transactions
- Reduce fraud exposure and data breaches with real-time intelligence

## How It Works

TrustDefender Client is a small, lightweight software solution that end users can download to their computers. On the client, TrustDefender Client visibly validates and protects sessions with your businesses and assists people in finding and eliminating any malware. It also offers an optional "Safe and Secure" mode for locking down online transactions.

Once the client connects with your site, TrustDefender Client communicates with the ThreatMetrix™ Cybercrime Defender Platform to highlight potential risks, supporting real-time risk scoring and decision making for fraud prevention.

## Increasing End User Confidence

On the client side, TrustDefender Client performs a security health check before initiating a session with your business. The health check:

- Verifies that the website is the legitimate business website
- Validates computer security, checking firewall and antivirus status and alerting the user to any problems *before authentication*
- Looks for hidden malware and crimeware and removes it if possible
- "Locks down" the transaction session with the enterprise, preventing connections to foreign or untrusted servers during the session

If the user cannot address all potential malware issues, the software offers a "Safe and Secure" mode that temporarily disables any unidentified software (which may include crimeware) to secure the online transaction environment.

Whether they're employees, customers or constituents, TrustDefender Client helps people feel more confident when online with your business:

- The health check provides essential insight into client security
- A **Fix It** button automatically corrects problems when possible, or guides the user through the appropriate remediation steps.
- The menu bar indicates a secure, protected session with your business, providing greater confidence in online transactions

## Reducing Risks of Insecure Endpoints

TrustDefender Client is designed to secure the weakest link in the security chain: the end user device where unknown threats may be lurking. For businesses, it adds another layer to fraud prevention and data security measures, with:

- Automated malware detection and suspension on client devices
- Real-time risk assessments and security decisions for each transaction through integration with the ThreatMetrix Cybercrime Defender Platform
- Audit and reporting capabilities for compliance and fraud monitoring

## Who Uses TrustDefender Client?

TrustDefender Client is valuable for any organization with customers, employees or other stakeholders accessing online applications using unmanaged computers. It is particularly valuable for securing sensitive enterprise transactions, banking applications, government entities and ecommerce sites. Using TrustDefender Client, businesses can:

- Defend internal systems from malware on endpoint systems
- Prevent identity takeover
- Detect compromised devices, including botnets
- Detect and prevent fraudulent transactions in real time
- Secure sensitive online transactions from man-in-the-browser attacks and other intrusions

## Part of a Layered Cybersecurity Strategy

TrustDefender Client is part of the ThreatMetrix Cybercrime Defender Platform, which offers layered security for transactions, devices and accounts. When used in conjunction with the ThreatMetrix platform, TrustDefender Client adds essential malware defenses to a comprehensive solution for protecting online transactions.

## Platform and Availability

TrustDefender Client is a small client application that is quick to install, and may be installed on-demand from either the business itself or ThreatMetrix servers in the cloud. It supports Windows and Mac OS clients and works with any browser. See TrustDefender Cloud from ThreatMetrix for added protection for smartphones, tablets, and other web-enabled devices.

For more information, or to schedule a demo, call **+1-408-200-5755** or email **sales@threatmetrix.com**.

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