



# Barracuda Sentinel – MSP

Artificial Intelligence for Real-Time Spear Phishing and Cyber Fraud Defense

## MSP Solution

**Barracuda Sentinel – MSP** combines three powerful layers of artificial intelligence, domain fraud visibility, and simulated fraud training into a comprehensive cloud-based solution that guards against spear phishing, impersonation attempts, business email compromise (BEC), and cyber fraud.

**Barracuda Sentinel – MSP** integrates directly with Microsoft Office 365 to help MSPs protect their customers from these personalized attacks in real time, with zero impact on network performance.

### Domain Fraud Visibility and Protection

Barracuda Sentinel helps you protect your customers from domain spoofing and brand hijacking.

Barracuda Sentinel offers an intuitive wizard to help MSPs easily set up DMARC (Domain-based Message Authentication Reporting & Conformance) authentication for their customers. DMARC is a protocol that allows MSPs to monitor emails sent from a customer's domain. Once DMARC is properly configured, Barracuda Sentinel offers granular visibility and analysis of DMARC reports to help MSPs ensure deliverability of legitimate email traffic and prevent unauthorized activity such as spoofed emails.

### Simulated Fraud Training for High-Risk Individuals

The personal nature of spear phishing attacks means that everyone is a target. Not just large enterprises; not just the C-suite. Attackers are more frequently targeting lower-level employees who might have access to sensitive information or who might have the ability to authorize or send payments.

Barracuda Sentinel utilizes artificial intelligence to identify high-risk individuals within an organization. MSPs receive access to a set of tools to then periodically conduct simulated spear phishing attacks to test the security awareness of those individuals.

### Real-Time Spear Phishing and Cyber Fraud Defense

At the heart of Barracuda Sentinel is the AI engine that detects and blocks spear phishing attacks in real time and identifies the employees inside an organization who are at the highest risk of spear phishing.

Barracuda Sentinel uses AI to learn each of your customer's unique communications patterns. The engine analyzes multiple classifiers to map the social networks of every individual inside the company and identifies anomalous signals in message metadata and content.

Barracuda Sentinel combines this messaging intelligence to determine with a high degree of accuracy whether a certain email is part of a spear phishing attack. If so, Barracuda Sentinel quarantines the attacks in real time and alerts both the user and the MSP.

## Key Solution Advantages

- Domain fraud protection using DMARC authentication
- Fraud simulation training for high-risk individuals
- Works alongside any email security solution, including Barracuda Essentials and Exchange Online Protection
- API architecture – easy set-up, zero impact on network performance

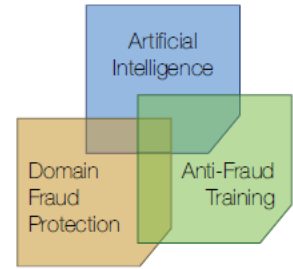
# Product Features

## AI for Real-Time Protection

- Stops spear phishing attacks in real time
- Uses artificial intelligence to learn each of your customer's unique communications patterns
  - Maps social networks inside the organization to understand typical communications patterns
  - Identifies anomalies in metadata and content
- Real-time notification
  - Quarantines messages automatically
  - Alerts MSPs and users
- Comprehensive protection against personalized attacks, commonly known as spear phishing, business email compromise (BEC), whaling, impersonation attempts, and/or CEO fraud

# Barracuda Sentinel

AI for Real-Time Spear Phishing and Cyber Fraud Defense



## Domain Fraud Protection

- DMARC authentication and analysis to prevent:
  - Brand hijacking
  - Domain spoofing
- Intuitive wizard to help set up DMARC authentication
- Analysis of DMARC reports to understand who is sending mail from each domain
- Ensure deliverability of legitimate messages
- Actionable step-by-step insights to comply with DMARC

## Fraud Simulation Training

- Identify high-risk individuals inside customer organizations using artificial intelligence
- Test and improve security awareness using simulated spear phishing attacks

# Deployment & Availability

## Available to Microsoft Office 365 Users Worldwide

## 100% Cloud Delivered

- No hardware or software required to install or maintain

## Works Alongside Any Email Security Solution

- Barracuda Essentials – email security, archiving, and backup for Office 365
- Barracuda Email Security Gateway
- Microsoft Exchange Online Protection (EOP)
- Others

## API-based Architecture

- Direct connectivity to Office 365
- Zero impact on network performance or user experience
- Fast, easy setup (less than 5 minutes)
- Cross communications platform defense
  - Easily extend beyond email to other communications platforms like G-Suite, Slack, Skype, or others

# About Barracuda MSP

As the MSP-dedicated business unit of Barracuda Networks, Barracuda MSP enables IT managed service providers to offer multi-layered security and data protection services to their customers through our award-winning products and purpose-built MSP platform. Barracuda MSP's partner-first approach focuses on providing enablement resources, channel expertise, and robust, scalable MSP solutions designed around the way managed service providers create solutions and do business. Visit [barracudamsp.com](http://barracudamsp.com) for additional information.

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