

Trend Micro™

# DEEP DISCOVERY EMAIL INSPECTOR

Stop the targeted email attacks that can lead to a data breach

Targeted attacks and advanced threats have proven their ability to evade conventional security defenses and exfiltrate sensitive data and intellectual property. Trend Micro research shows that more than 90% of these attacks begin with a spear-phishing email containing a malicious attachment or URL reference that is undetectable by standard email or endpoint security.

**Deep Discovery™ Email Inspector** is purpose-built to detect and block the targeted emails engineered to lead to a data breach. It employs advanced malware detection engines, URL analysis, and file and web sandboxing to identify and immediately block or quarantine these emails.

Deep Discovery Email Inspector works in tandem with email gateway or server security products, requiring no changes to your normal operating environment. It adds a layer of advanced attack detection and protection beyond the capabilities of your current defenses, to stop attackers at the point of entry to your organization.

Key Benefits

- **Targeted email protection**
- Stops malicious emails behind most targeted attacks
- **Custom sandboxing detection**
- Finds the threats invisible to standard email security
- **Transparency and compatibility**
- Works independently of existing email security solutions

## KEY FEATURES

**Email attachment analysis**

Examines attachments—including a wide range of Windows executables, Microsoft Office, PDF, Zip, Web content, and compressed file types—using multiple detection engines and custom sandboxing.

**Document exploit detection**

Specialized detection and sandboxing techniques discover malware and exploits delivered in common office documents.

**Custom sandboxing**

Sandbox simulation and analysis is done using environments that precisely match your desktop software configurations, including Windows 8 and 8.1.

**Embedded URL analysis**

Reputation, content analysis, and sandbox simulation identify malicious URLs embedded in spear-phishing emails, attachments, and subject lines.

**Password intelligence**

Multiple heuristics and customer-supplied keywords aid in the decryption of password-protected files and Zip files, including up to 100 custom passwords for archive files.

**Management and deployment flexibility**

Deployable in MTA (blocking) or BCC (monitoring) TAP/SPAN modes in tandem with any email security solution. Granular management controls make it easy to customize security policies.



# Deep Discovery Email Inspector

DETECTION • BLOCKING • ANALYSIS



Attachment Analysis and Sandboxing

URL Analysis and Sandboxing

Email Policy Controls

Threat Analysis

EMAIL SECURITY APPLIANCE

## HOW DEEP DISCOVERY EMAIL INSPECTOR WORKS

### URL analysis and custom sandboxing

Embedded URLs and direct link URLs inside attachments and subject lines are reputation-checked, and destination content is scanned and sandboxed as necessary to discover redirects, advanced malware, and exploits used in drive-by downloads.

### Attachment analysis and custom sandboxing

Attachments are unpacked, decompressed, and unlocked using heuristic techniques and customer-supplied passwords. Allows for up to 100 custom passwords for archive files.

Multiple detection engines and custom sandboxing identify advanced malware and document exploits in a wide range of file types and content including Windows executables, Microsoft Office, PDF, Zip, and Java.

### Policy controls and execution

Based on alert severity levels, you can configure a broad array of options for handling malicious email, including quarantine, deletion, and forwarding with tagging. Sandbox analysis of emails can be custom-controlled by attachment type (e.g. sandbox all PDFs). Real-time email alerts can be configured to immediately notify administrators that a known/unknown threat has been detected.

### Threat analysis

Detailed sandboxing analysis is available for further threat research. In addition, the Threat Connect portal provides relevant Trend Micro global intelligence to assess the risk and origin of an attack.

### Deep Discovery Platform

Deep Discovery Email Inspector is part of the Deep Discovery family of interconnected products, delivering network, email, endpoint, and integrated protection—so you can deploy advanced threat protection where it matters most to your organization.

### CUSTOM DEFENSE

The Deep Discovery platform is at the heart of the Trend Micro Custom Defense, weaving your security infrastructure into a comprehensive defense tailored to protect your organization against targeted attacks.

Deep Discovery's custom detection, intelligence, and controls enable you to:

- Detect and analyze your attackers
- Rapidly respond before sensitive data is lost

## SPECIFICATIONS

### Deep Discovery Email Inspector Model 7100

| Deep Discovery Email Inspector Model 7100 |   |
|---|---|
| Deployment Options                        | MTA, BCC, TAP/SPAN modes                        |
| Capacity                                  | 400,000 emails/day                              |
| Form Factor                               | 1U Rack-Mount, 48.26 cm (19")                   |
| Weight                                    | 19.9 Kg (43.87lbs)                              |
| Dimensions (WxDxH)                        | 43.4 (17.09") x 64.2 (25.28") x 4.28 (1.69") cm |
| Management Ports                          | 10/100/1000 BASE-T RJ45 Port x 1                |
| Data Ports                                | 10/100/1000 BASE-T RJ45 x 3                     |
| AC Input Voltage                          | 100 to 240 VAC                                  |
| AC Input Current                          | 7.4A to 3.7A                                    |
| Hard Drives                               | 2 x 600 GB 2.5 inch SAS                         |
| Internet Protocol Support                 | IPv4/IPv6                                       |
| RAID Configuration                        | RAID 1  |
| Power Supply                              | 550W Redundant                                  |
| Power Consumption (Max)                   | 604W  |
| Heat                                      | 2133 BTU/hr (Max.)                              |
| Frequency                                 | 50/60 HZ  |
| Operating Temp.                           | 10 to 35 °C (50-95 °F)                          |
| Hardware Warranty                         | 3 Years   |



Securing Your Journey to the Cloud

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