# Metadefender Email Security

최신 랜섬웨어, 신종 및 변종 악성코드 차단을 위한 효과적인 이메일 보안 방안

OPSWAT®

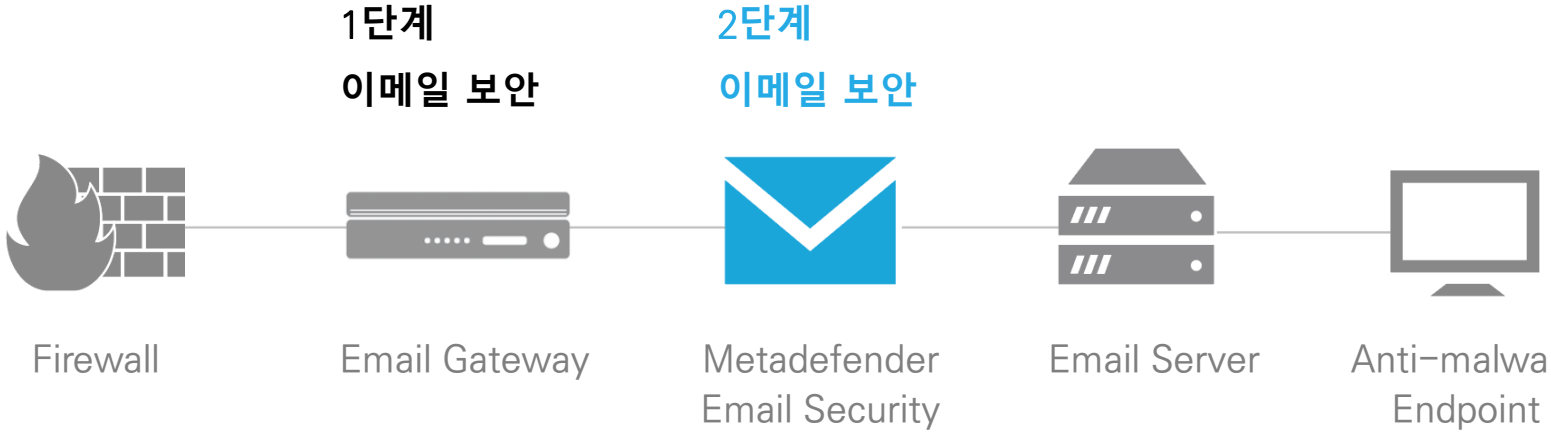
# Metadefender Email Security

1단계 보안

– 스팸 차단 보안 게이트웨이

2단계 보안

– Metadefender




## Multi-scanning

높은 악성코드 탐지율 제공
over 30+ anti-malware engines

AhnLab, ESET, SOPHOS, McAfee, Symantec, Bitdefender, Quick Heal, CSIRAV, nProtect, AVG, CYREN, Zillya!, KASPERSKY, LAVASOFT, TREND MICRO, TOTAL DEFENSE, IKARUS, Avira, F-PROT, AND MORE...

## Data Sanitization

데이터 살균 [ **문서파일에 삽입된 악성코드 제거** ]
90+ data sanitization engines

PDF, DOC, DOCX, XLS, XLSX, PPT, PPTX, RTF, HTML, JPEG, BMP, PNG, RIFF, SVG, GIF

# Metadefender Email Security

## 멀티 스캐닝 : 최대 30개 이상의 스캔 엔진 제공으로 높은 탐지율 제공

For Windows

For Linux

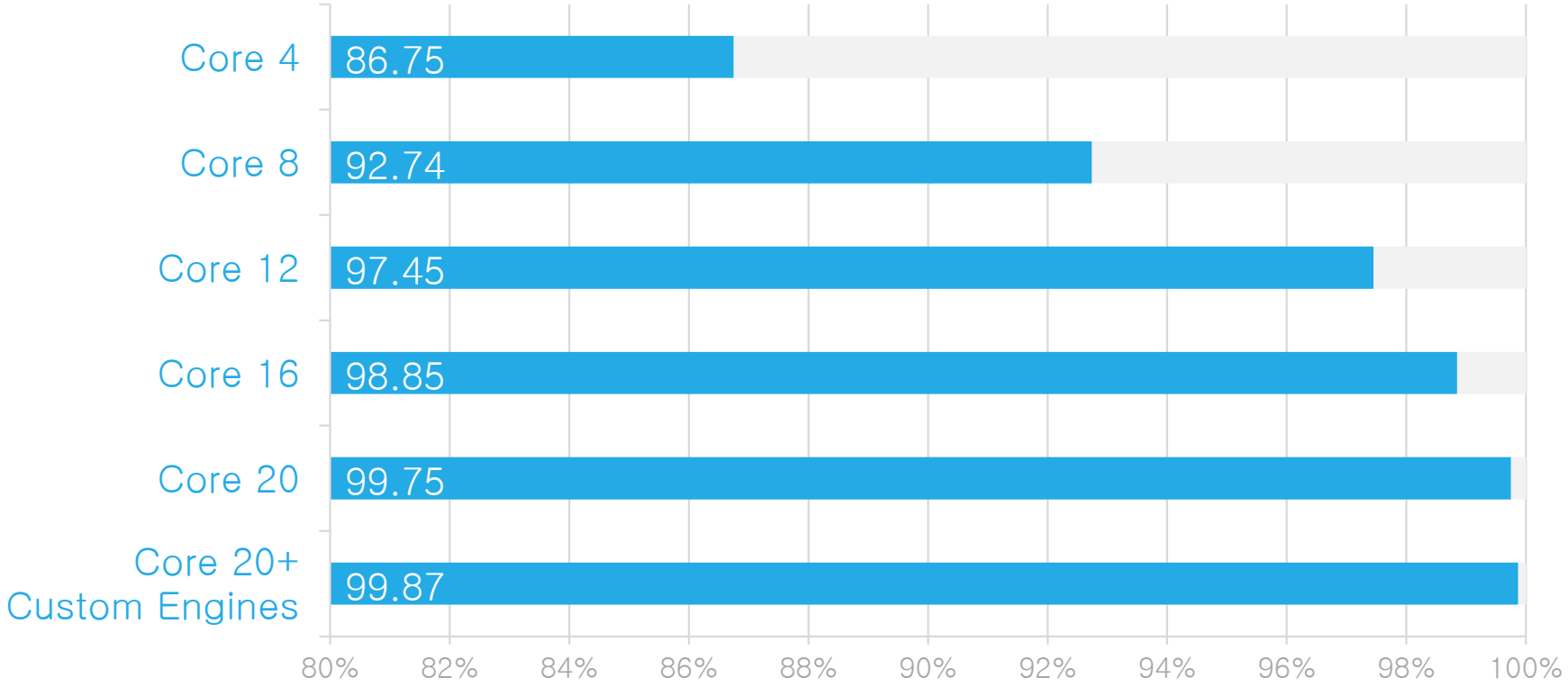
Windows Custom Engines



# Metadefender Email Security

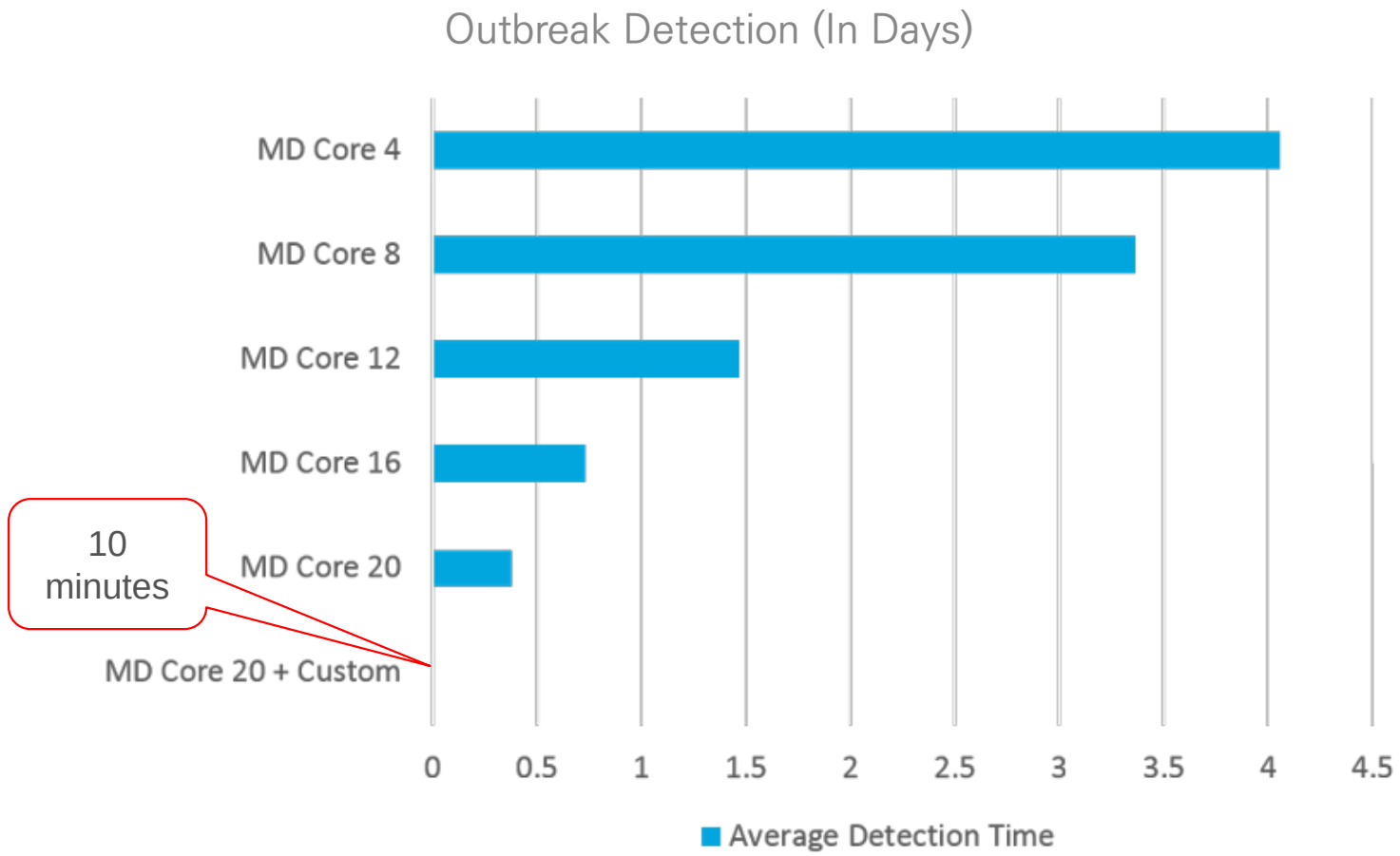
## 멀티 스캐닝 : 최대 30개 이상의 스캔 엔진 제공으로 높은 탐지율 제공

Detection of top 10,000 threats



# Metadefender Email Security

## 멀티 스캐닝 : 평균 탐지 시간



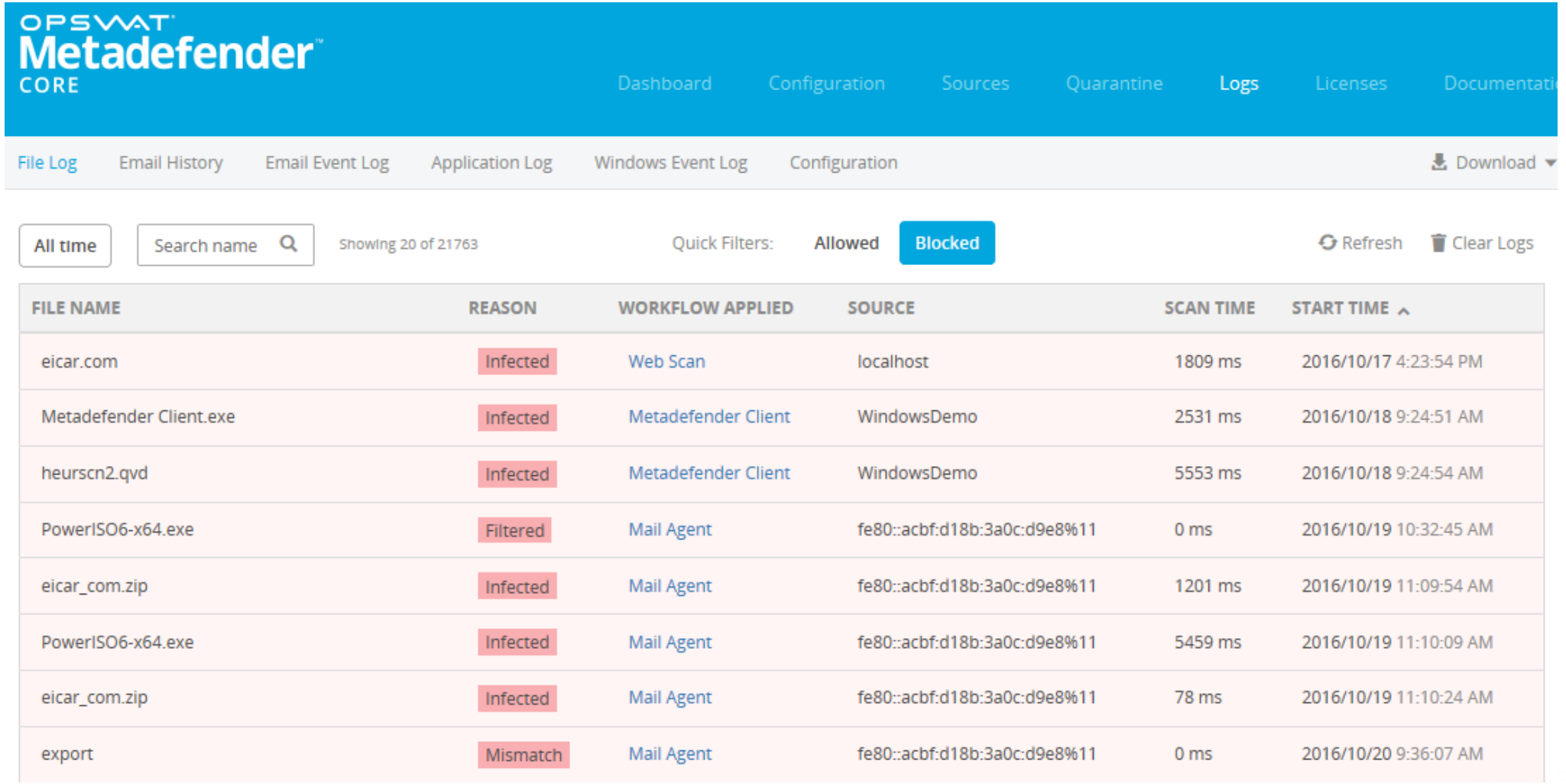

Metadefender 16개 이상 엔진 사용시
위협 탐지 1일 미만

Metadefender 20개 이상 엔진 사용시
위협 탐지 10분 미만

Click here to learn more about the test https://www.opswat.com/blog/detecting-malware-outbreaks-faster-using-multiple-anti-malware-engines

# Metadefender Email Security

## 멀티 스캐닝 : 탐지 로그 분석




| FILE NAME | REASON | WORKFLOW APPLIED | SOURCE | SCAN TIME | START TIME |
|---|---|---|---|---|---|
| eicar.com | Infected | Web Scan | localhost | 1809 ms | 2016/10/17 4:23:54 PM |
| Metadefender Client.exe | Infected | Metadefender Client | WindowsDemo | 2531 ms | 2016/10/18 9:24:51 AM |
| heurscn2.qvd | Infected | Metadefender Client | WindowsDemo | 5553 ms | 2016/10/18 9:24:54 AM |
| PowerISO6-x64.exe | Filtered | Mail Agent | fe80::acbf:d18b:3a0c:d9e8%11 | 0 ms | 2016/10/19 10:32:45 AM |
| eicar_com.zip | Infected | Mail Agent | fe80::acbf:d18b:3a0c:d9e8%11 | 1201 ms | 2016/10/19 11:09:54 AM |
| PowerISO6-x64.exe | Infected | Mail Agent | fe80::acbf:d18b:3a0c:d9e8%11 | 5459 ms | 2016/10/19 11:10:09 AM |
| eicar_com.zip | Infected | Mail Agent | fe80::acbf:d18b:3a0c:d9e8%11 | 78 ms | 2016/10/19 11:10:24 AM |
| export | Mismatch | Mail Agent | fe80::acbf:d18b:3a0c:d9e8%11 | 0 ms | 2016/10/20 9:36:07 AM |

# Metadefender Email Security

## 멀티 스캐닝 : 이메일 감염 메시지

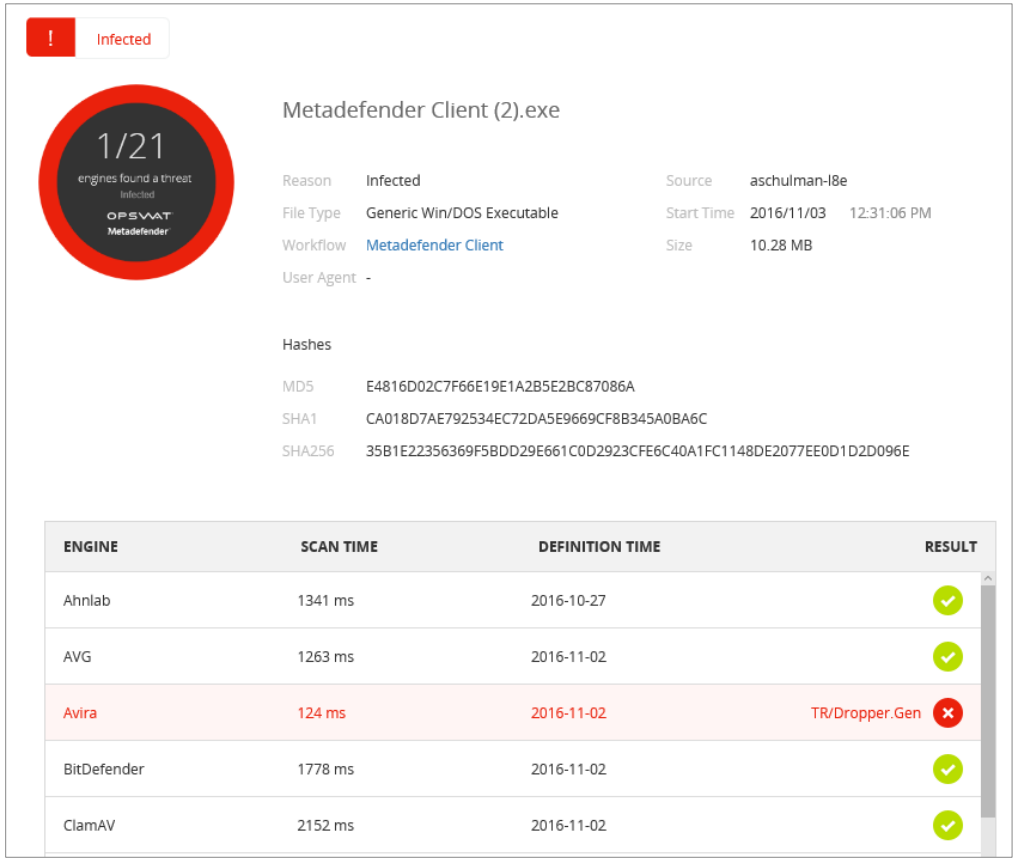
Metadefender Core notification: Email infected

AS aschulman@opswat.com

To: www@caffeine.andymillar.co.uk; Demo DU. User;

Metadefender Core has detected an infection in the following email:

Date : 11/08/2016 01:33:09
From : "Apache, andymillar.co.uk" <andy@andymillar.co.uk>
To : "demouser@napswitch.com" <demouser@napswitch.com>
Subject: EICAR Virus Test Email
Result : EICAR_Test_File

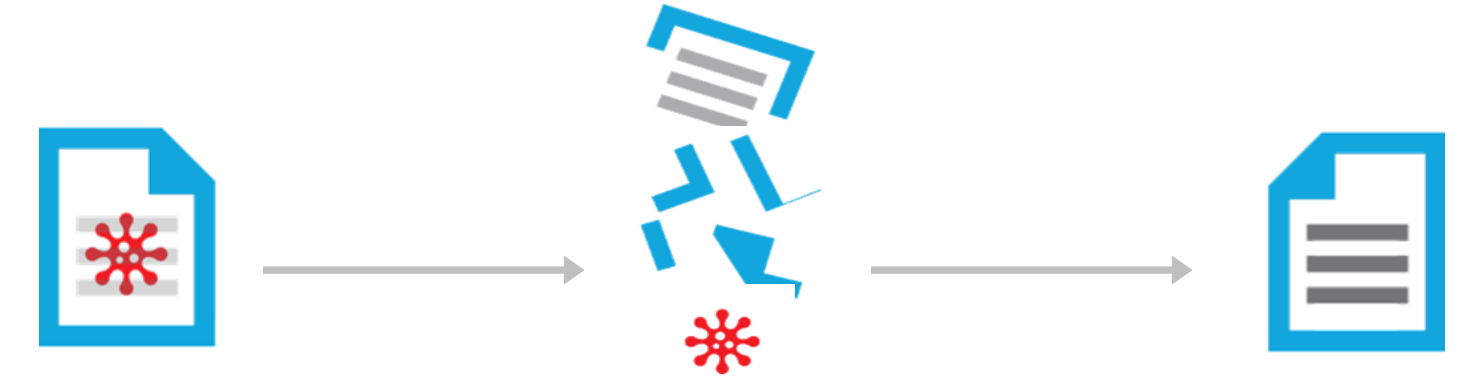


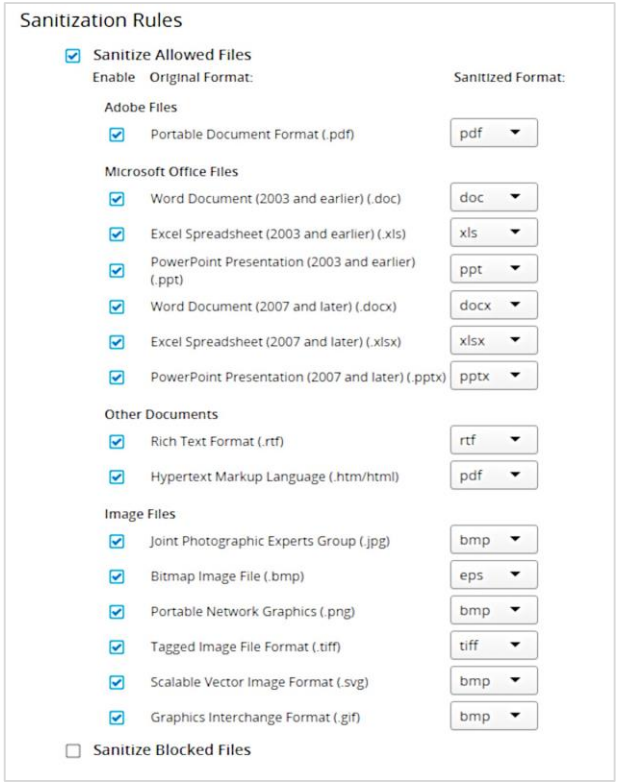
# Metadefender Email Security

Data Sanitization:
데이터 살균
첨부파일에서 위협요소 제거

- 기 알려지지 않는 악성코드
- 신종 / 변종 악성코드
- 문서파일 기반 악성코드

  대응 방안




Unknown Malware
Ransomeware 차단

16종류 원본형식을 100개 이상의
변환형식으로 변경 (.hwp 지원)

# 이메일 보안을 위한 연동 제품

# 이메일 보안을 위한 연동 제품군

## Secure email gateway와 간단한 연동 구성

proofpoint

Email Protection

cisco

Email Security Appliance

FireEye

Ex Series

FORCEPOINT

POWERED BY Raytheon

TRITON AP-EMAIL

Symantec

Messaging Gateway

Barracuda

Email Security Gateway

SOPHOS

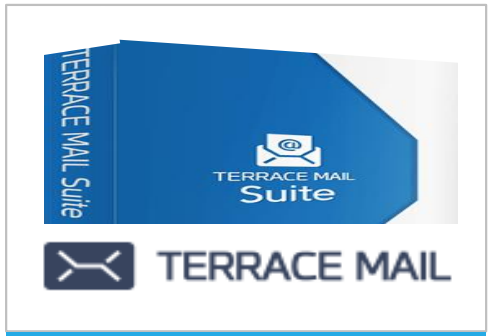
Email Appliance

clearswift

SECURE Email Gateway

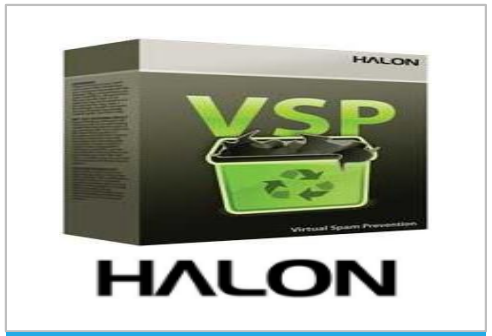
# 이메일 보안을 위한 연동 제품군

## Secure email gateway와 간단한 연동 구성




Terrace Mail Suite


Spam Email Gateway




Spam Email Gateway


Secure Email Gateway


McAfee Email Gateway


Spam Email Gateway


Spam Email Gateway

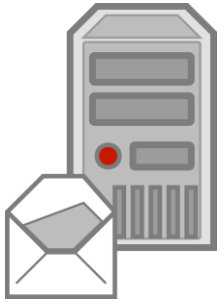

Secure Email Gateway

# 이메일 보안을 위한 연동 제품

메일서버, 익스체인지, 클라우드 호스팅 메일 솔루션들과의 간편한 연동 구성

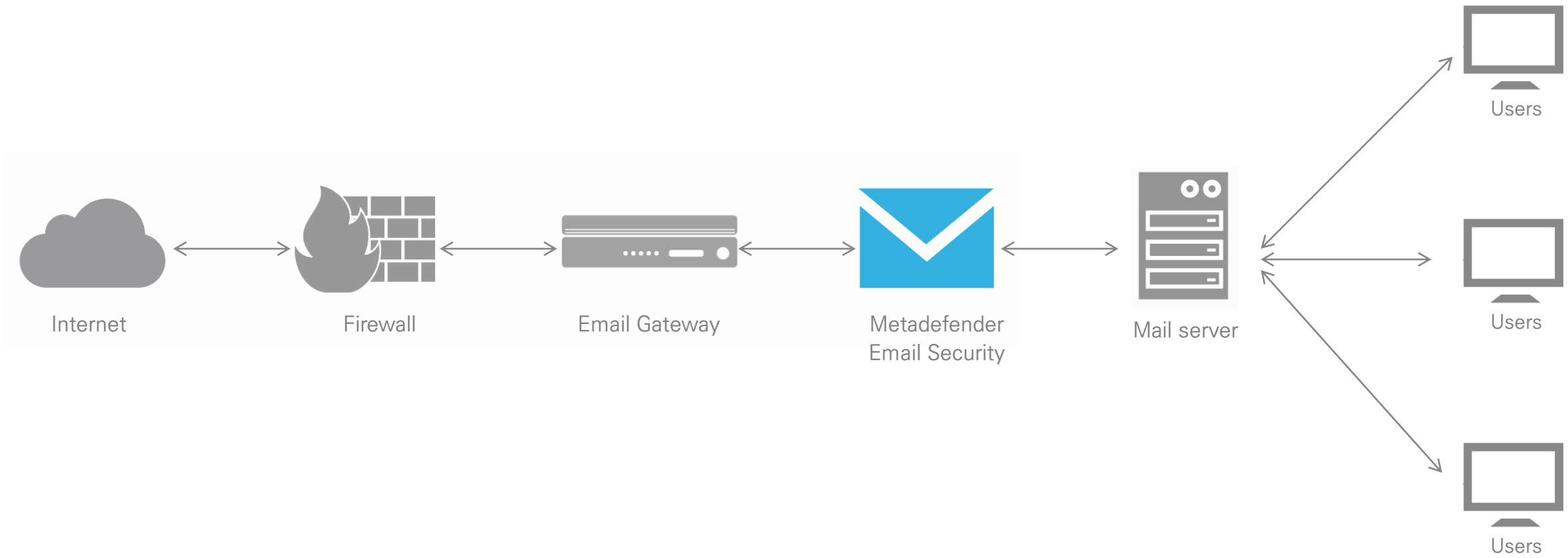
On-Premises

Cloud & Hosted

| On-Premises | Cloud & Hosted |
| --- | --- |
| Exchange | G Suite |
|  | Microsoft Hosted Exchange |
| | Office 365 |

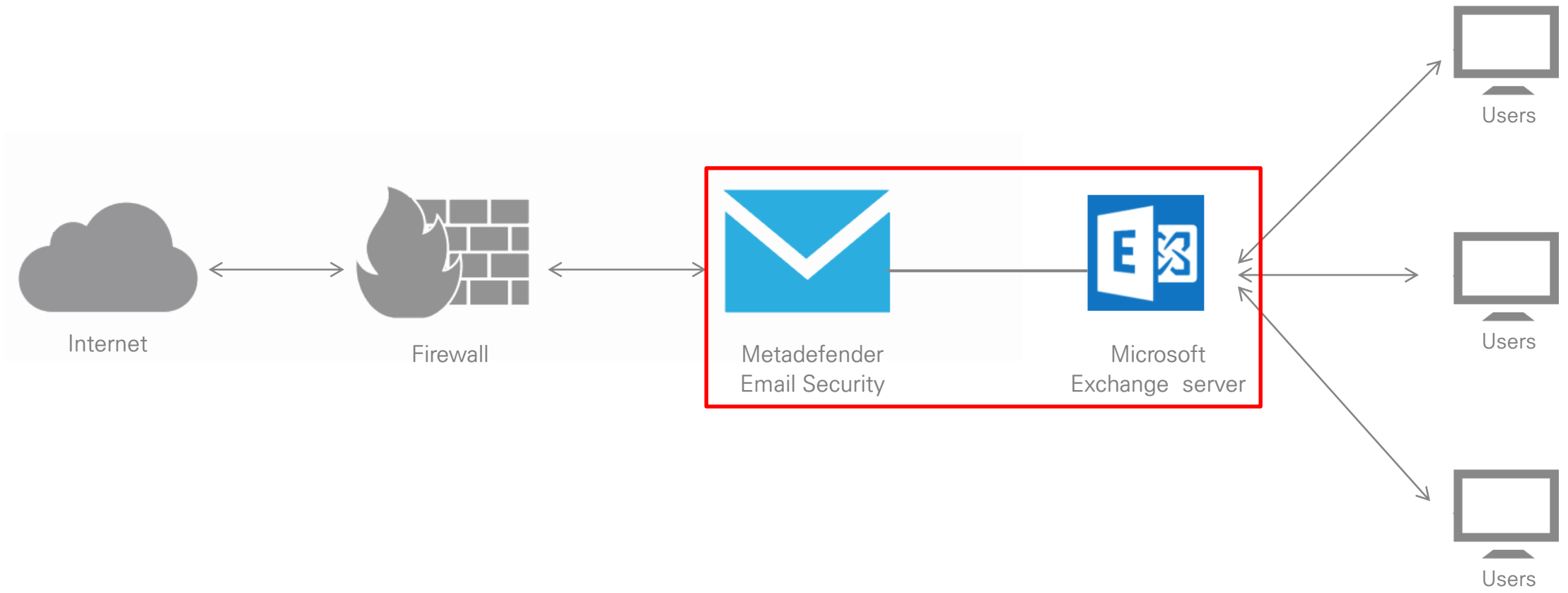
# 이메일 보안 구성 1

## Email Gateway와 Metadefender 연동 구성



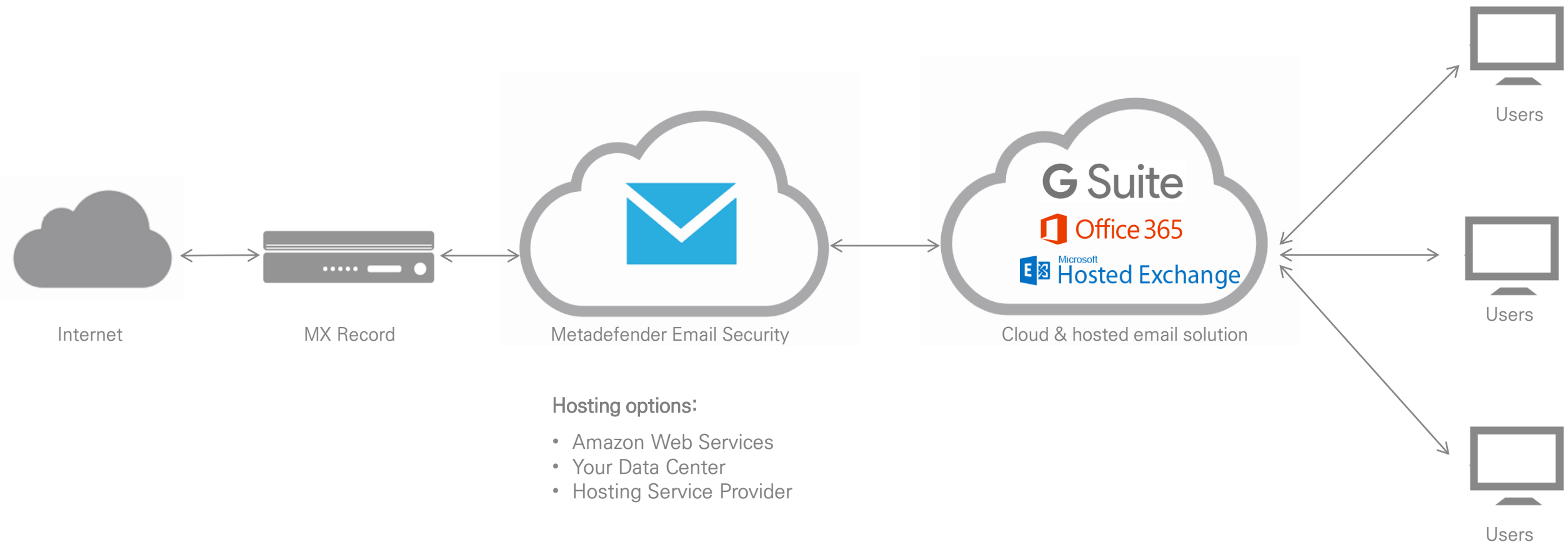
# 이메일 보안 구성 2

## Exchange 메일 서버 보안을 위한 Metadefender Email Security



# 이메일 보안 구성 3

## Cloud 호스팅 메일솔루션




**Hosting options:**

- Amazon Web Services
- Your Data Center
- Hosting Service Provider