



modusCloud Email Security

URL Defense

Core Concepts

- ▶ **Targeted Attack Protection technology provides protection against all malicious URLs**
- ▶ **Cloud Scale: With modusCloud, billions of messages are scanned daily, providing global visibility and early protection from emerging threats**
- ▶ **Advanced Protection against targeted email attacks like spear-phishing, zero-day exploits and advanced persistent threats (APTs)**
- ▶ **Dynamic Malware Analysis blocks attachments that evade traditional security solutions**
- ▶ **Protection across corporate networks, public networks and mobile devices**

What You Gain

- ▶ **A complete solution that defends you against malicious attacks and whatever tactics may be used to deliver them, countering evasive actors while also providing scalable insight on where threats are coming from in real time**

modusCloud Email Security's URL Defense rewrites URLs and delivers a device-agnostic, time-of-click scan to detect malicious URLs targeting organizations like yours.

What Motivates Malicious URLs?

Cyber Criminals know Small Businesses are the most vulnerable:

Getting the Quickest Results: Like any business, cybercriminal organizations focus their time and resources on activities that provide the greatest return on investment.

Vulnerability Attracts Cyber Criminals: Small and Medium-sized organizations offer the most exploitable target to many cybercriminals, as these sorts of companies are generally protected by less sophisticated software, if any at all. What's more, these smaller organizations generally lack the resources to defend themselves after a threat has been revealed.

Malicious URLs hide in plain sight: 1 in 10 users that receive email messages with malicious URLs will click on these URLs, while malware used in such attacks remain undetected by less than 10% of traditional Anti-Virus and reputation solutions, even hours after an attack.

How URL Defense Keeps You Secure:

modusCloud Email Security uses predictive analytics to determine which URLs are the most likely to be malicious.

Using historical statistical models along with Alexa rankings, IP reputation, email velocity, behavioral data on the sender and other criteria, malicious URLs get weeded out based on a score generated by these analyses. Malicious List Checks and Code Analysis Checks further compare incoming URLs with new and known malicious websites and campaigns, as well as suspicious behavior, obfuscated scripts, malicious code snippets and redirects to malicious sites.

URL Defense further offers Real-Time Dynamic Analysis, meaning the destination URL delivered to your user's emails are analyzed and protected on any device at any time and location, every time that they are clicked. This protects from even the most insidious of threats, which may start of as legitimate URLs but turn to malicious links over time, keeping your organization safe no matter what.

As malicious URLs continue to spread, URL Defense is "mission-critical" for any email client to be truly secure. Contact Vircom to learn more!

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