

CYBER DEFENSE powered by CyFlare

Cyber Defense Email Security

In today's digital landscape, there are countless ways to communicate. Still, email remains a preferred method for organizations of all kinds to engage with prospects and customers, employees, vendors and countless others to keep things running smoothly. But all that valuable electronic data can become an easy target for cybercriminals.

Our Cyber Defense Email Security solution, powered by CyFlare, is a security platform with a patented approach to protect end-user inboxes. This provides multiple layers of pre-delivery protection while maintaining the crucial capability of post-delivery detection and auto-remediation. It brings industry-leading zero-day threat prevention and is embedded into one of the world's largest threat intelligence platforms, bringing you the protection—and peace of mind—you expect.

Fully managed by our security operations center (SOC),* Cyber Defense Email Security protects your inbox against phishing, malware, data theft and account takeover. And with our seamless integrations, you can be up and running fast—all without disrupting your existing email infrastructure.

Key Benefits

Enhanced network security

Our advanced protection ensures thorough and rapid response to threats including automated phishing containment. And it extends beyond email with protection to collaboration tools like Teams, SharePoint, Google Workspace and Slack.

Increased flexibility and scalability

You have the option to subscribe to a fully managed solution through Crown Castle or purchase the license only, both available in three tiers of protection—basic, advanced or complete.

Greater performance visibility

You'll have access to our Cyber Defense One portal, which provides high visibility into data across clouds, networks, endpoints and applications. A single portal for frictionless SOCaaS enablement including live chat, analytics, reporting and more.

Dedicated support and monitoring

Specialized experts provide complete care to support your everyday needs. You will have a dedicated Crown Castle Client Service Manager focused on providing you with ongoing account support, including billing, account changes and renewals, quarterly business reviews and more. At the same time, we also provide specialized consultation, monitoring and communication expertise from your dedicated CyFlare Customer Success Manager and Systems Engineer.

Lower capital and operational cost

With our Cyber Defense solution, you'll receive 24/7/365 monitoring and guidance where and when you need it, without the large upfront costs required for in-house management. This allows you to allocate resources to your most pressing business needs while minimizing operational costs.

*Crown Castle's SOC is managed and powered by CyFlare.

Technical Specifications

Key features are available through our Cyber Defense Email Security solution or when purchased as a license only.

| FEATURES | CYBER DEFENSE EMAIL SECURITY BASIC | CYBER DEFENSE EMAIL SECURITY ADVANCED | CYBER DEFENSE EMAIL SECURITY COMPLETE |
|----------------------------------------------------------|------------------------------------|---------------------------------------|---------------------------------------|
| Secure all email – incoming, outgoing and internal | ✓ | ✓ | ✓ |
| Advanced AI-based anti-phishing | ✓ | ✓ | ✓ |
| Anti-spam filtering | ✓ | ✓ | ✓ |
| Known malware protection (antivirus) | ✓ | ✓ | ✓ |
| Protection from zero-day malware (file sandboxing) | – | ✓ | ✓ |
| File sanitization | – | ✓ | ✓ |
| Malicious URL protection (URL reputation) | ✓ | ✓ | ✓ |
| URL click-time protection (URL rewriting) | ✓ | ✓ | ✓ |
| Protection from zero-day malicious URLs (URL sandboxing) | – | ✓ | ✓ |
| Account takeover protection (anomalies) | ✓ | ✓ | ✓ |
| Unauthorized applications detections (shadow ID) | ✓ | ✓ | ✓ |
| Data loss prevention (DLP) | – | – | ✓ |
| Encryption | – | – | ✓ |

Why Crown Castle?

Our unique, nationwide portfolio

With approximately 90,000 route miles of fiber, we own and operate one of the largest and densest fiber networks in the country with a presence in 23 of the top 25 US markets.

Our proven track record

In our 30 years of experience owning and operating network assets we've seen it all and we're always ready to adapt to changing network trends.

Our deep expertise

We've worked with nearly every industry so we understand your unique opportunities and challenges and can tailor solutions to meet your goals.

Our solutions

We have your networking and security needs covered. Visit our [infrastructure solutions](#) page to learn more about our suite of solutions and how they can solve your toughest challenges.



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 90,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.