



UNDERSTANDING  
**MAIL ASSURE**

**Inbound And Outbound Email Protection**

An Informational eBook

**CORE6<sup>+</sup>**

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# UNDERSTANDING MAIL ASSURE

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## Chapter 1: The Problem with Email

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## **1.1 The Most Common Entry Point: Why Email Is a Hacker's Favorite Weapon**

In today's digital world, email remains the most common attack vector and one of the easiest entry points for all new cyber-attacks. For a small business, email is the primary way you communicate with clients, vendors, and your team. But that very same convenience is a significant security risk.

Hackers know that a business's email is a goldmine of information, and they are constantly looking for a way in. They know that a well-crafted email can bypass a company's defenses and land directly in an employee's inbox. This makes email a critical point of vulnerability for your entire organization.

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## 1.2 The New Threats: Why Phishing, Malware, and Ransomware Are a Constant Risk

The threats that arrive in your inbox are no longer limited to simple spam. Today, they are sophisticated and malicious attacks designed to cause maximum damage. Mail Assure is designed to protect your inbound and outbound email from a wide range of these threats, including malware, phishing, ransomware, viruses, and other threats.

- **Phishing:** This is a scam that uses fraudulent emails to trick you into revealing personal information or clicking on a malicious link. Phishing emails can look very real, often mimicking a legitimate company or person you know.
- **Malware and Ransomware:** These are malicious software programs that can be delivered through email attachments or malicious links. Malware can steal your data, and ransomware can encrypt all of your files and hold them hostage until you pay a ransom.

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### 1.3 The Cost of the Click: What Happens When an Employee Opens a Malicious Email

The cost of a single careless click can be catastrophic for a business. The problem isn't just the time and money it takes to fix the infected computer; it's the fact that a single computer can be used as a gateway to infect your entire network.

A single click can lead to:

- **Data Breach:** An attacker can steal sensitive client information, financial records, and other valuable data.
- **Operational Shutdown:** A single infected computer can be used to shut down your entire business, leading to weeks of downtime and lost productivity.
- **Reputational Damage:** A data breach can destroy the trust you've built with your clients and your community.

The reality is that your users are your greatest vulnerability, and in today's world, a security strategy that doesn't include a comprehensive plan for protecting them from email-based threats is no longer a viable defense.

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## Chapter 2: The Solution - Mail Assure

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## 2.1 What is Mail Assure? Your Cloud-Based Email Security Guard

If email is a hacker's favorite weapon, then

**Mail Assure** is your cloud-based email security guard. It is an "Intelligent Protection & Filtering Engine" that stands between your inbox and the millions of threats that are sent every day.

Mail Assure is a cloud-based service, which means there is no hardware to buy or software to install on your computers. It's a simple, predictable, and highly effective way to protect your incoming and outgoing email. It works with any on-premise or cloud-based email service, including Microsoft 365, adding an extra layer of protection to the default security features built into those platforms.

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## **2.2 Advanced Threat Protection: How an "Intelligent Protection & Filtering Engine" Works**

Mail Assure doesn't just block simple spam; it provides advanced threat protection by checking every incoming, outgoing, and even internal email for malware, phishing, ransomware, viruses, spam, and other threats.

This is made possible by its proprietary machine learning and collective threat intelligence. It incorporates data from over 23 million mailboxes worldwide to defend against new and emerging email-borne threats. This is a proactive defense that is constantly learning and adapting to stay ahead of cybercriminals, ensuring your team is protected from attacks that no one has ever seen before.

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### **2.3 Total Visibility and Control: Why the User Portal Is Your Best Friend**

The most powerful feature of Mail Assure is that it gives you total visibility and control over your email flow. With a web-based interface, you can access your quarantine and manage your own mail security.

This web interface allows you to view all quarantined messages and to set permission levels for specific senders. You can easily release a message, add a sender to your whitelist, or add a sender to your blacklist. This gives you greater control and transparency over your email while still enjoying the benefits of additional Mail Assure security.

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## **Chapter 3: The User Experience - Your Personal Mail Security**

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### 3.1 Understanding the Quarantine: What it is and How to Access It

Mail Assure is a cloud-based email security service that helps you stay in control of your inbox. It does this by filtering and quarantining suspicious or malicious emails before they ever reach you. The

**quarantine** is a secure, isolated holding area for all of these messages. This prevents threats from entering your inbox and allows you to safely review them.

To get total visibility and control over your email flow, you can access your quarantine at any time through a web interface. This web-based portal gives you a complete view of all your quarantined messages. From there, you can view all quarantined messages and release, remove, blacklist, whitelist, or block those messages as needed.

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### **3.2 The Scout Report: Your Daily Summary of Blocked Emails**

A key part of the end-user experience is the **Scout Report**. This is a daily email sent to you that provides a summary of all the messages that Mail Assure has quarantined for you. The report is a simple, easy-to-read list of all the messages that were filtered out, giving you complete visibility into your email's security.

The Scout Report is a great tool for a number of reasons. First, it ensures that no legitimate emails are accidentally blocked or missed. Second, it empowers you to manage your own email security. For each email listed, you have the option to release it to your inbox, whitelist the sender, or blacklist the sender. This puts the power to control your inbox directly in your hands.

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### 3.3 Your Personal Whitelist and Blacklist: Taking Control of Your Inbox

With Mail Assure, you have the ability to create and manage your own **personal whitelist and blacklist**. This gives you an additional layer of control and security over your inbox.

- **Your Whitelist:** This is a list of trusted email addresses. Any messages from a sender on your whitelist will automatically be delivered to your inbox, bypassing the quarantine. This is a great way to ensure that emails from your clients, vendors, and colleagues are never accidentally blocked.
- **Your Blacklist:** This is a list of untrusted email addresses. Any messages from a sender on your blacklist will automatically be sent to your quarantine. This is a great tool for managing persistent spammers or unwanted senders.

By managing your personal lists, you can take control of your inbox and fine-tune your email filtering to your specific needs. This gives you greater control and transparency over your email while enjoying the benefits of the additional Mail Assure security.

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## Chapter 4: The Core Benefits

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#### **4.1 Beyond the Server: 24/7 Email Continuity**

Email is the lifeblood of business, and an outage can cripple your operations. But Mail Assure is a cloud-based service that works with any on-premise or cloud-based email service, including Microsoft 365, to provide you with 24/7 email continuity. This ensures that even if your mail server goes down, users can still receive, read, and send emails via a web interface, supported by a network of highly available global data centers. This helps you avoid the frustration, financial loss, and potential damaged reputation that can come with an extended email outage.

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## **4.2 A Long-Term Advantage: Data Loss Prevention and Email Archiving**

Data loss can be catastrophic, and email archiving is a critical part of a resilient security stance. The built-in email archiving feature encrypts your data in transit (using TLS) and at rest (using AES) and then stores all legitimate incoming and outgoing emails in Mail Assure's cloud-based vault. This helps ensure a safe and searchable history of all email communications to avoid the risk of losing messages and to help you meet regulatory requirements. This archive is typically separate from your everyday inbox, ensuring legal defensibility and preventing accidental deletion. Our solution can help you meet the required standards for running a compliant business and successfully pass inspections and audits.

Visit <https://Core6Plus.com> to learn more.

### **4.3 A Smart Investment: Email Security Made Affordable**

Cybersecurity solutions for small businesses must be both affordable and easy to use. Mail Assure is a solution that provides enterprise-class email security at a price that small businesses can afford. It offers easy, predictable billing and a pay-per-mailbox model with no long-term contracts and no minimum mailbox requirements. These solutions often operate on subscription models, which turns an unpredictable capital expense into a manageable and predictable operational cost. The investment in robust email security solutions is wise when compared to the potential costs of data breaches and their impact on your organization.

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## Chapter 5: The Ultimate Protection

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## **5.1 Seamless Integration: Adding an Extra Layer of Security to Microsoft 365**

While platforms like Microsoft 365 offer their own built-in security features, it's a mistake to rely on them as your sole defense. Mail Assure works with any on-premise or cloud-based email service, adding an extra layer of protection to the default security features built into platforms, like: Google G-Suite, Microsoft 365 or Exchange, etc.

For Microsoft 365 users, this integration is seamless, thanks to a specific add-in from Microsoft AppSource. This easy-to-install add-in gives users greater control and transparency over their email, allowing them to report false negatives or false positives directly from their message window and easily manage their email flow. It ensures that email—one of the most common entry points for cyberattacks—gets the extra level of security it deserves.

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## **5.2 Global Reach, Local Control: The Value of Regional Data Storage**

Many businesses today face strict rules regarding their data processing and security, and therefore need to use data centers located in their specific region. Mail Assure addresses this with a global reach and local control.

Mail Assure offers a default global region, but also allows you to select storage options for your logs, quarantines, and archive data in the US, EU, UK, Australia, and Canada. This is a crucial feature for helping you meet geographic storage and data residency requirements. By storing your data in a specific region, you can maintain compliance, enhance security, and build customer trust by demonstrating that their sensitive information is handled according to local laws.

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### **5.3 A Resilient Security Stance: How Mail Assure Protects Your Business**

Mail Assure helps your business stay in control and protect your inbound and outbound email using collective threat intelligence, 24/7 email continuity, and long-term email archiving. This comprehensive approach to email security is designed to protect your business from the ever-changing email threat landscape.

By adding an extra layer of security and providing seamless integration with platforms like Microsoft 365, Mail Assure enhances your Microsoft 365 experience so you can focus on core business activities. The ultimate benefit is that it helps you restore your business after a security incident such as ransomware or BEC, and helps protect your business and productivity by giving you peace of mind that you can recover your Microsoft 365 data for any reason, at any time.

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## Chapter 6: Conclusion

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## 6.1 A Summary of What Matters Most

We've explored the world of email security, moving from the dangers of the inbox to the peace of mind of a proactive defense. As we bring this guide to a close, let's quickly recap the most important takeaways:

1. **Email is the Front Door for Threats:** Email remains one of the most common attack vectors, and one of the easiest entry points, for all new cyber-attacks.
2. **Advanced Threat Protection is a Necessity:** Mail Assure checks every incoming, outgoing, and internal email for a wide range of threats, including malware, phishing, and ransomware.
3. **Security Should Be Affordable:** Mail Assure is a solution that provides enterprise-class email security at a price that small businesses can afford, with easy and predictable billing.
4. **Continuity is Key to Business:** Even if your email server goes down, Mail Assure's 24/7 email continuity ensures that you can still send, read, and receive email.
5. **Archiving is Your Long-Term Defense:** The built-in email archiving feature encrypts and stores all legitimate emails, helping to ensure a safe and searchable history of all email communications.

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## **6.2 The Peace of Mind: A Final Look at the Ultimate Benefit**

The ultimate benefit of Mail Assure is not just the technology; it's the peace of mind. As a business owner or a nonprofit director, you have a partner who is proactively working to prevent a single careless click from turning into a major disruption. You can operate with the confidence that a team of experts is constantly on guard.

This protection goes beyond just security. It enhances online security, improves productivity, and helps manage your email flow. It is a way of saying that you are taking your security seriously, and you are leaving nothing to chance.

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### **6.3 The Final Statement**

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**Transform Your Security From Passive Recording, To An Active,  
Intelligent, Real-Time Managed Solution!**

Visit <https://Core6Plus.com> to learn more.

## Your Strategic CyberSecurity Provider (SCP)

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**Core 6+ is your Strategic CyberSecurity Provider (SCP)** — a partner focused exclusively on protecting your organization from today’s ever-evolving cyber threats. Unlike traditional MSPs that primarily handle IT labor and computer fixes, Core 6+ delivers the world's best, proactive cybersecurity protection applications and defense tools through layered solutions like Gateway Protection, SOC-managed EDR, NOC-managed Daily Patching and Preventative Maintenance, Web Protection and DNS Filtering, Data Backups, and more. Core 6+ augments and works directly with your trusted IT support – whether that be internal staff or external contractor. Core 6+ wants to help augment your team by providing 24/7 real-time, all-the-time protection, Where You Want It Most — giving you the freedom to choose only what you need, at a price you can actually afford.

Traditional MSPs tend to - and often want to - live on one end of the service spectrum with fully “Done For You” services option, which always include high fees and retainers. Whereas, at the other end of that spectrum, where most small businesses and nonprofits are, the only option for cybersecurity protection seems to be: (Pay Way Too Much, or) “Do It Yourself” - literally leaving small businesses and nonprofits on their own, with no professional guidance, and with no real safety net.

Core 6+, as your SCP, bridges that gap. Giving organizations - of every size - the freedom to handle as much of their own IT and computer support as they want and have been doing for years. Core 6+ works with whoever your trusted IT support person is... And, if need be, Core 6+ can help you find local IT Partners to provide complete, hands-on service when needed.

With Core 6+, as your SCP, partnering with your trusted IT support you can get the perfect blend of CyberSecurity Protection, IT independence and the expert (augmented) backup support if, or whenever needed.