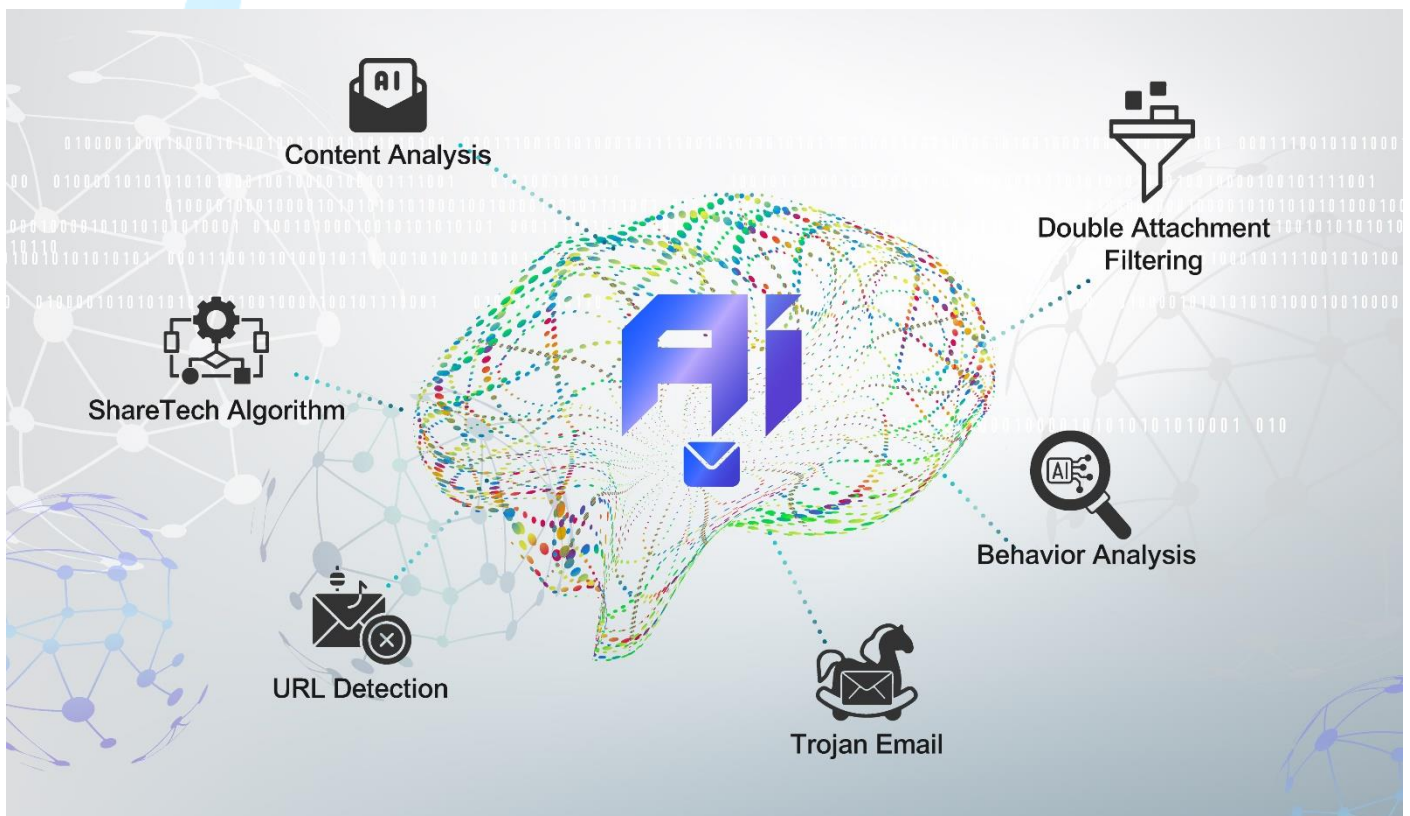


## ShareTech AI Spam Email Protection Solution

Email is an essential tool for business communication, but with the growing number of email threats, ensuring email security has become a top priority for businesses. ShareTech's AI Spam feature is designed to provide precise email protection, helping you defend against spam, phishing emails, and other potential threats.



### Protection Methods:

1. With **AI Email Content Analysis**, the email content undergoes preprocessing such as word segmentation to simplify the text. Using current email sample data (e.g., sentence structure characteristics, similar email sending/receiving time frames, content characteristics with attached documents, the number and characteristics of external links, etc.), the AI algorithm categorizes emails into normal, notification, e-papers, spam, and phishing emails. With the following additional methods, the accuracy is improved.

2. **Double Attachment Filtering** Detects disguised double extensions, a technique often used to hide malicious software. For example, a file might appear as "document.txt.exe," which looks like a text file (.txt) but is actually an executable file (.exe). Malware uses this method to trick users into thinking the file is safe, thus executing malicious code.
3. **Trojan Email & Phishing URL Detection** Integrates ShareTech Sandstorm's database to check for malicious Trojan attachments and URLs using HASH value comparison. This provides deeper isolation of malicious programs that may bypass virus and IPS signature databases. Suspicious emails are quarantined, revealing hidden malware and preventing it from affecting users' email reception.
4. **AI Email Behavior Analysis** Analyzes email-sending behavior to determine if the email is legitimate. Normal email behavior involves using email clients and passing through SPF/DKIM/DMARC protocols. Abnormal behavior, such as bulk email, typically indicates notifications, e-papers, spam, or phishing emails. By combining AI content analysis with AI behavior analysis, the accuracy of email classification can reach up to 99.5%.
5. **ShareTech Algorithm** This final classification mechanism determines the attribute of each email and effectively reduces error rates. From the misclassified normal emails, e-papers and spam can be identified. For example, if the display name sender does not match the envelope sender or the bounce-back address, the email can be flagged as abnormal. Since notification emails, e-papers, and spam typically have short content, making it difficult for AI to detect the true intent, additional analysis such as AI behavioral analysis, SPF/DKIM/DMARC, and first-time sender checks are applied to refine the classification.

## Features & Advantages:

ShareTech's AI Spam is not a standalone AI technology but a comprehensive solution built on years of experience in email handling. From the moment emails are received, AI is involved, analyzing domains, IP addresses, SPF/DKIM/DMARC, and other factors, then applying the ShareTech algorithm to achieve 99.5% accuracy.

- **Five categories of emails:** Emails are categorized into normal, notification, e-paper, spam, and phishing emails. Each category overlaps in certain aspects, requiring precise data collection and multiple rounds of AI learning to achieve high accuracy.
- **Continuously updated database:** To counter evolving hacker techniques, AI learning models are regularly updated. Especially for Zero Day attacks, traditional signature-based methods struggle with time delays, but the AI engine, updated in real-time, hinders these threats by focusing on email behavior.
- **User choice:** With 99.5% accuracy, users can choose whether to receive e-papers. This choice relies on accurately distinguishing e-papers from spam, ensuring users are not overwhelmed by unwanted emails disguised as e-papers.

With ShareTech's AI Spam, you can confidently manage your emails and safeguard your business against potential threats. Contact us at [sales@sharetech.com.tw](mailto:sales@sharetech.com.tw) to subscribe to AI Spam and enhance your email security!

