GTMaritime GTMailPlus: Protecting Email from Advanced Threats at Sea and Across the Globe

The Challenge

How do you communicate with the world from the middle of the Atlantic or Pacific Ocean? Consider also being aboard a gigantic, steel framed engine, carrying potentially explosive products or life saving supplies from one side of the world to the other for months at a time. Now factor in how email is exploited as an attack vector against vessels as recently seen in news headlines.

Cybercriminals target ships at sea for a number of reasons, including ransomware (demanding payment to return control of a ship's navigation system, for example), identity theft (targeting ship email systems in order to infect unsuspecting crew members), and politically-driven motives, such as decreasing a naval vessel's defensive capabilities. Regardless of the initial motive, the collateral impact of crippling a ship's communications systems includes isolating the crew from friends and family.

"Shipping is no longer the isolating work place that it used to be. The ship's bridge is now an extension of the on-shore office. With more than 4,500 vessels served everyday by GTMaritime, our customers rely upon us to provide the most effective advanced malware detection possible while utilizing our systems optimised for satellite communications," said Robert Kenworthy, CEO of GTMaritime.

The Solution

Using Lastline's advanced malware analysis for email systems, GTMaritime designed GTMailPlus as a cutting-edge service optimized for use in demanding, remote maritime environments. GTMaritime deployed the Lastline sensor in-line in full Mail Transfer Agent (MTA) mode to isolate, independently analyze, and block malicious attachments and URLs before they are routed to recipients. The Lastline analysis provides evidence-based reporting so that GTMaritime's incident response engineers have complete transparency.

"GTMaritime offers solutions and services to help ensure vessel compliance and business operability 365 days a year. As email usage grew into the vital communications now used on land and at sea, we looked for advanced malware detection to work with our existing GTMaritime Hub. Lastline came out as the clear leader in our evaluation on two counts. First, the integration of the Sensor into our security stack was seamless. Second, the Lastline Deep Content Inspection could detect what others missed with virtually no false positives," said Jamie Jones, Head of Service at GTMaritime.

EXECUTIVE SUMMARY

Industry
Service provider for email and other remote data networking

Company
GTMaritime
UK and Singapore

Description
Information technology service provider serving over ten thousand financial institutions and corporate entities

Challenge
Provide more effective and efficient protection from email-based malware
4,500+ vessels
1,000+ customers

Results
Can detect and eradicate malicious files and URLs with superior accuracy

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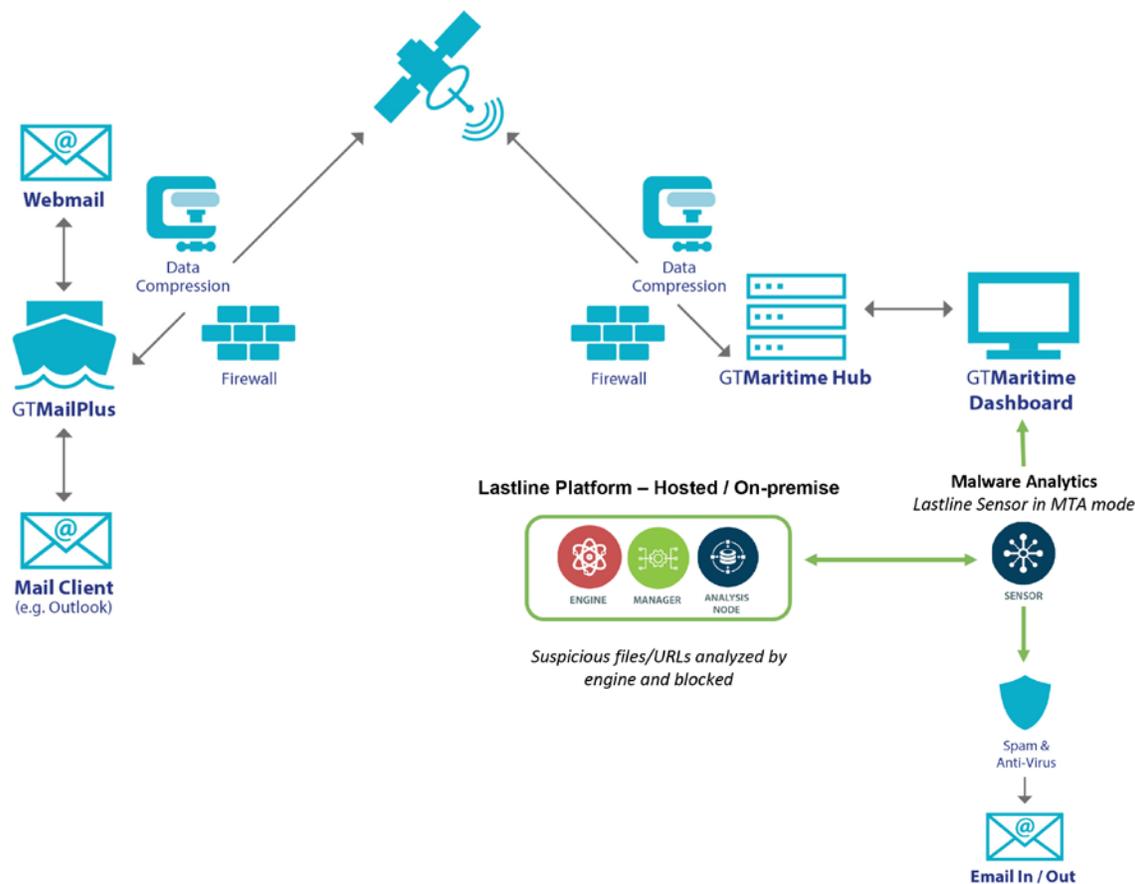
HOW IT WORKS: GTMAILPLUS UTILIZING LASTLINE'S ADVANCED MALWARE ANALYSIS

The Results

"Within days of the launching GTMailPlus, we felt the service from Lastline was so security critical, we now integrate the Lastline solution as a compulsory element of our service. We are in the process of rolling this out to our entire customer base so we are assured our end-users and systems are protected. It's 'win-win' all around," said Jamie Jones, Head of Service at GTMaritime.

GTMailPlus is a secure, reliable, cloud-based service that secures essential business communications in an optimized manner. The web dashboard allows for the remote configuration and administration of vessels. Both crew and shore-based IT teams benefit from simple, effective, and efficient processes.

Lastline deployment options can meet the most demanding needs of enterprises and providers. Request a demo today at: http://go.lastline.com/request-lastline-trial.html

Experience the Lastline Advantage
For more information please visit www.lastline.com

LASTLINE CORPORATE HEADQUARTERS
203 REDWOOD SHORES PARKWAY
SUITE 620
REDWOOD CITY, CA 94065

AMERICAS: +1 (877) 671 3239
EMEA: +44 (0) 207 749 5156
APAC: +65 6829 2207
WWW.LASTLINE.COM

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