CASE STUDY

Achieving NARA Capstone Compliance With In-Transit Email Decryption

Discover how an intelligence agency partnered with Zeva to decrypt 400,000 emails per day
Moving 400,000 encrypted emails per day into compliance with the NARA Capstone archiving requirement

With the goal of moving into compliance with the National Archives and Records Administration (NARA) Capstone, an agency within the intelligence community started the process of implementing a robust email archiving system. The Capstone requires certain organizations to archive emails for a set amount of time, depending on the role of the email user within the agency.

As the organization was deciding upon an archiving solution that could handle their 2 million-plus electronic communications per day, they discovered that roughly 20% of these communications were encrypted. To fully comply with the Capstone, this entity needed to find a decryption solution to integrate with its public key infrastructure (PKI) that’s protected by Secure/Multipurpose Internet Mail Extensions (S/MIME).

400,000 EMAILS PROTECTED BY S/MIME TECHNOLOGY NEEDED TO BE DECRYPTED IN TRANSIT—PER DAY—TO SATISFY THE ARCHIVAL REQUIREMENT IN THE NARA CAPSTONE.
While a handful of solutions can decrypt emails protected by S/MIME technology, there’s only one that can perform this task while the communications are in transit to an archiving system. The intelligence agency partnered with Zeva Inc. to help them attain compliance with the Capstone because of the industry-first capabilities in DecryptNaBox, the company’s flagship email decryption product.

“What differentiates our product from others is our inline decryption, which has the ability to decrypt on the wire. We integrated with the agency’s email archiving platform, supplied by Feith, to decrypt and deliver encrypted communications back to the client while it was being transmitted to the archiving solution, thereby ensuring high efficiency and having no impact on end users,” explains Zeva Holdings Group’s President and CEO, Sam Andoni.
The Results

Decrypting 400,000+ in-transit emails per day

In just 3 short months, Zeva Inc.’s client gained the ability to not only archive 2 million+ electronic communications per day with the Feith archiving platform, but also to decrypt 400,000 of those emails while in transit to the archiving platform by using a custom version of Zeva’s DecryptNaBox product.

“By building a custom integration with the existing archiving platform in use by our client, we were able to solve a problem that no one else in the marketplace was prepared to solve. The difference in our offering is its ability to decrypt high volumes of data faster than anyone else in the space. Instead of stopping to decrypt emails, we can decrypt them while in transit. This is creating unprecedented levels of efficiency for highly regulated organizations in the federal and commercial spaces.”

Sam Andoni

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15 years of Public Key Enablement (PKE), Identity, Credentialing and Access Management (ICAM) excellence. Throughout the years Zeva has been solving the most complex identity and encryption challenges for federal government and corporations around the globe.

Zeva Incorporated, a Zeva Holdings company, helps clients around the globe strengthen their security posture with tailored services. Founded in 2005, in Virginia, USA; Zeva Inc. is a CMMI Level 3, Woman-Owned Small Business. Zeva develops and licenses commercial off the shelf (COTS) products that address the PKI enablement needs of highly regulated agencies. Demonstrating its market dominance, Zeva holds multiple patents for encryption and decryption technologies.

LEARN MORE

DecryptNaBox is a first-of-its kind email decryption solution that empowers in-transit decryption of S/MIME encrypted data. No other solution on the market today can do this. Join the top federal and commercial entities already using DecryptNaBox to gain email decryption efficiency. Learn more about the product here, or contact us for a free consultation.