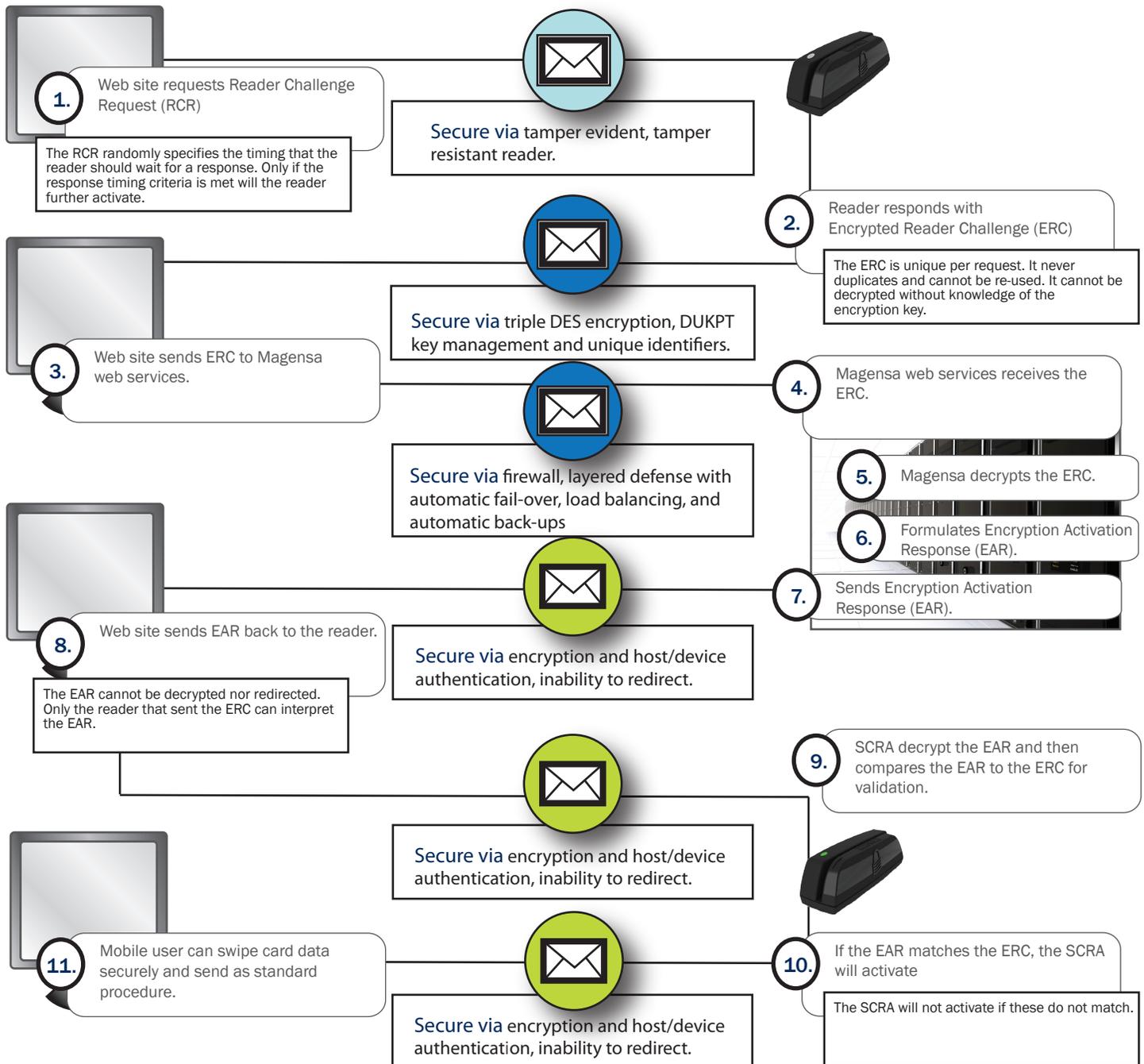


Topology Key

-  Reader Challenge Request (RCR)
 -  Encrypted Reader Challenge (ERC)
 -  Encrypted Activation Response (EAR)
- SCRA:** secure card reader authenticator

Protect your data from redirection. Magensa uses Digital Signatures which work much like a hand signature for verification with added security. Redirection becomes impossible since Digital Signatures authenticate the actual sender which provides non-repudiation and verification that incoming messages are coming from the expected source.

Guard against in transit data attacks. Magensa provides you with the tools you need to help prevent man-in-the-middle attacks using Session IDs. Session IDs deliver time stamp capabilities and limits to the duration on communication sessions securing your transactions in transit.



Magensa™ is a fraud prevention, detection and advisory service. It maintains a globally accessible registry of authentication information so that consumers, financial institutions, retailers, businesses and governments can assess the validity and trustworthiness of the credentials and products they rely upon in the course of online identification, payment, and other important transactions. Additionally, Magensa provides token management and cryptographic services, vital to the protection of cardholder data, the payment system, and personal or sensitive information. Magensa is a subsidiary of MagTek, Inc.