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ZMK-PINMAILER SOLUTION (ZONE MASTER KEY PIN MAILER)

This is a solution to automate the distribution of Zone Master Key (ZMK) components between entities such as Payment network operators such as Visa, Mastercard. Amex etc, or other banks.

Most financial institutions

- Generate the ZMK components related to the external entity manually by directly running the console commands of the HSMs. This requires expertise within the IT division as well and maintain such expertise - needing specialized recruitment and training for the employed HSM brand / model.
- Document / Copy the components by the security officers involved by getting the assigned security managers to come to the console and copy the components into a paper / pre defined format manually.
- Distribute / Transport the manually copied ZMK components to the relevant organizations involved.





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The ZMK-PINMAILER solves all the complications faced in generating ZMK components manually using HSM console (The traditional way). The configurations within the system application can specify the location, officer, addresses details and print these details in the PIN mailer itself thus eliminating the need to copy the details. This solved the security risks / concerns involved on manually generation data on consoles and copying data manually.

THE DMS ZMK-PINMAILER SOLUTION ENABLES THE BANK TO FURTHER STREAMLINE AND OPTIMIZE THE ZMK COMPONENT CREATION PROCESS BY

- Generating the ZMK components using an application, which reduces the manual interaction with the HSMs.
- Print ZMK component into PIN mailers using a printer thus eliminating manual work needed to copy TMK components. The PIN mailer can print
 - The Location/ Organization name
 - Corresponding Officer name responsible to receive the component
 - Address
 - Reference Numbers



Technologies Used

- Microsoft Windows
- Java
- H2

Ideal for

- Banks starting / connecting to new schemes
- Banks renewing ZMKs with schemes
- Central ATM switch operators having to add new banks to their network
- Adding new operators / systems needing ZMK management.



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