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# IDEMIA awarded patents for dual interface Metal cards

A large, white, stylized fingerprint graphic is overlaid on the right side of the image. It features concentric, wavy lines that form a circular pattern, with a central point from which the lines radiate outwards.

08/06/2021



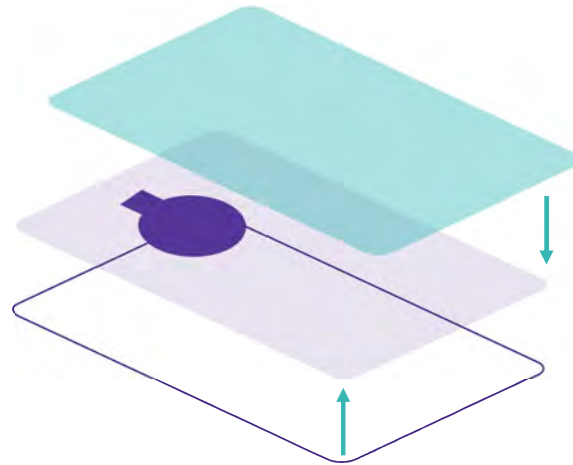
# IDEMIA Metal Patents

Our patent encapsulation technology allows to embed an antenna in a hole within the metal layer

PVC Core + Overlay

Inlay

PVC Core + Overlay



## Encapsulation Method

It produces an inlay which can be then laminated as a classic card

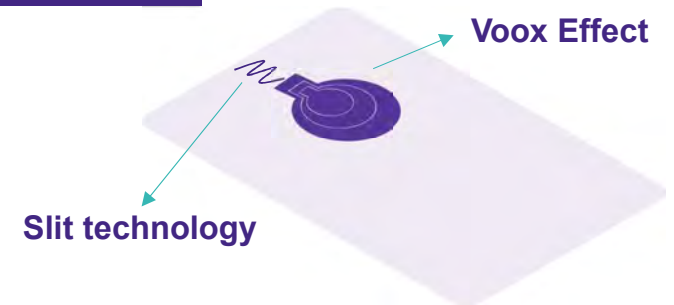
It ensures durability of the card

It allows double sided contactless functionality metal

Our patent Voox leverages the metal layer to enhance the contactless signal

It allows to transact contactless up to 4cm both sides

Full compliance with EMV standard and VISA interoperability testing



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IDEMIA is licensee of AMATECH for the slit technology, mandatory to maximize RF performance



## IDEMIA Patents references

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