

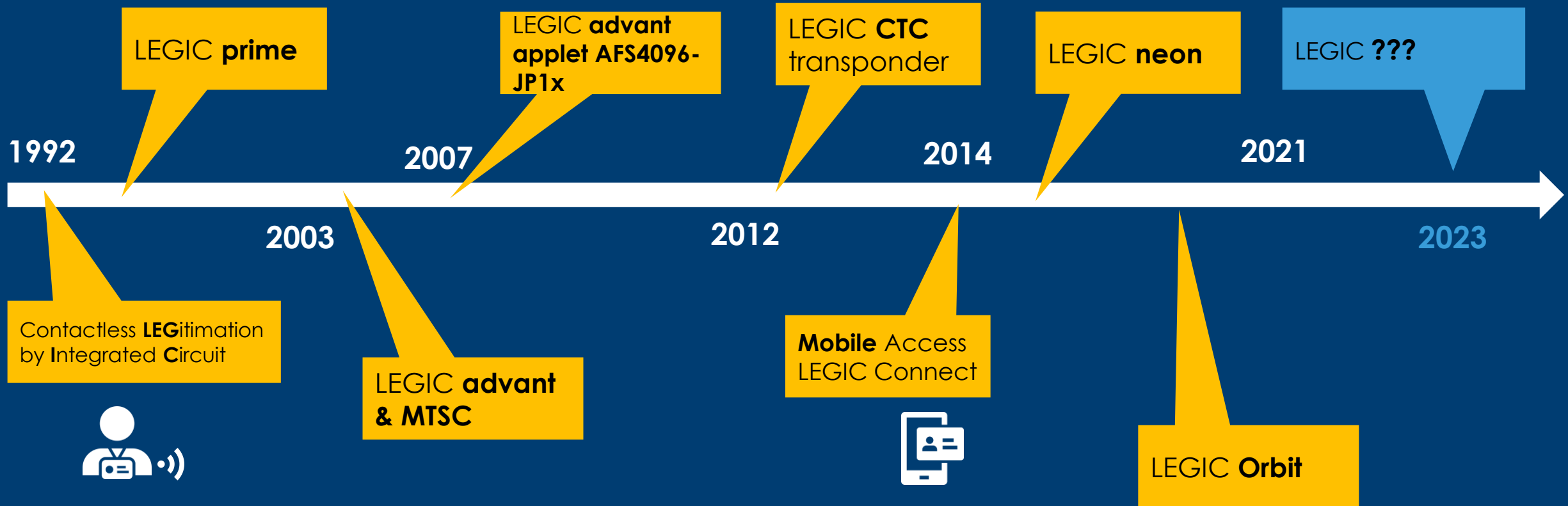
# Next Generation Smartcard Technology

Lukas Steinemann

connect23



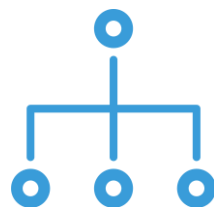
# Credentials – a short History



# Until Now



Bundesamt  
für Sicherheit in der  
Informationstechnik

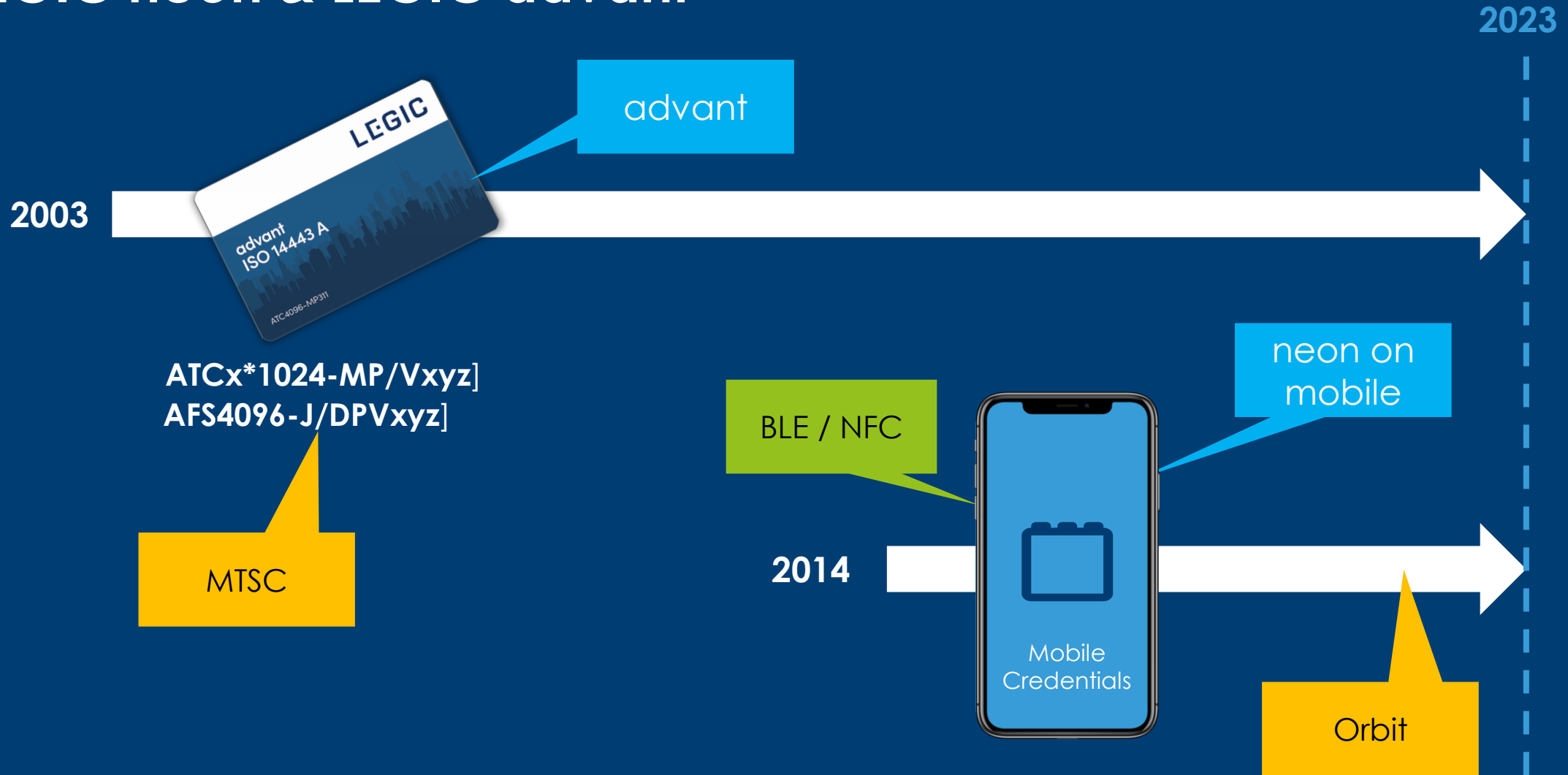


LEGIC  
MTSC

LEGIC  
Orbit

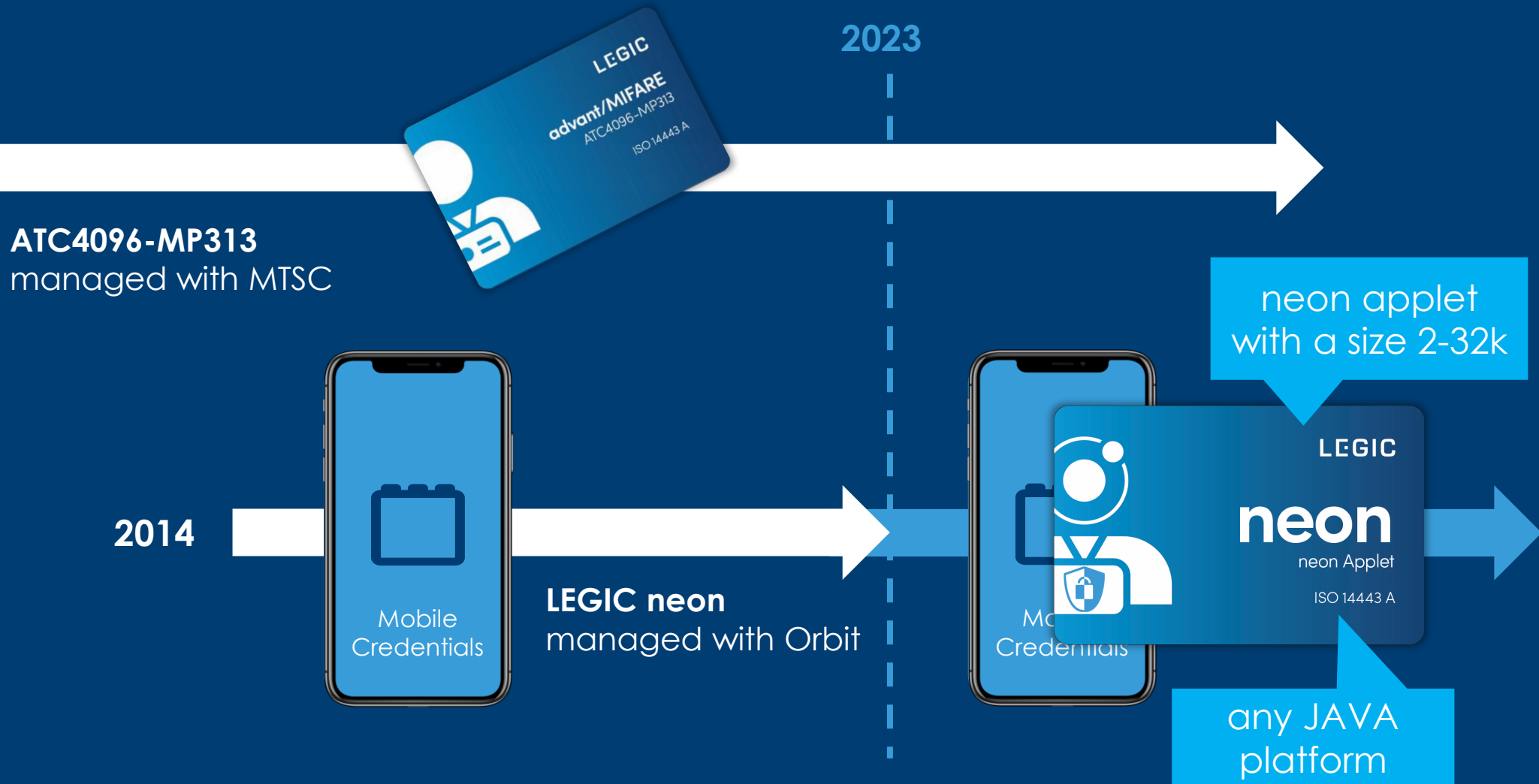


# LEGIC neon & LEGIC advant



# Changes to the LEGIC Security Platform

coming soon



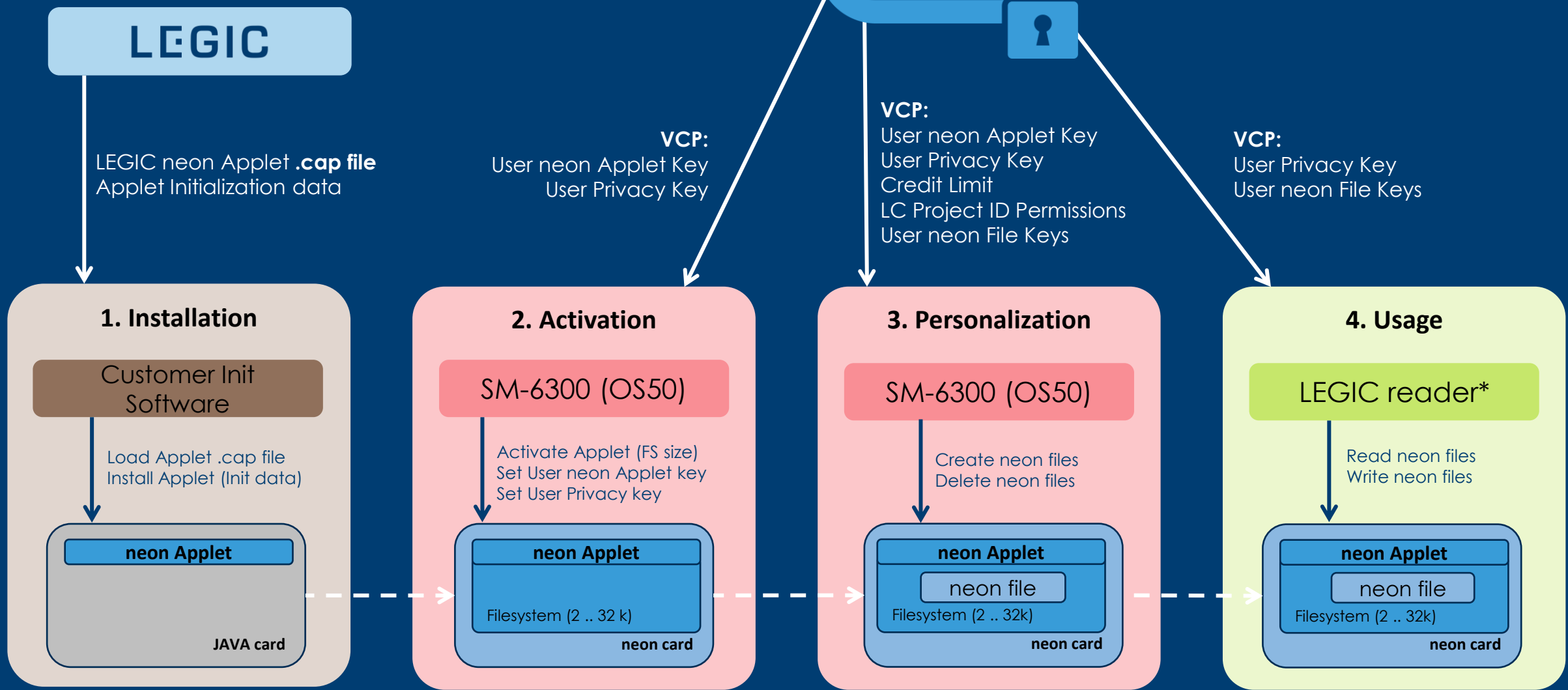
# The New LEGIC neon Smartcard - Key Points



processor card with  
LEGIC neon applet

- LEGIC neon applet for Java cards (e.g. NXP SmartMX™)
  - ✓ can be installed on Java card to support migration scenarios
- supports the well-known LEGIC neon files used for LEGIC mobile credentialing with LEGIC Connect:
  - ✓ card init control by end user (neon file name)
  - ✓ control of neon file cryptographic keys by end user, including secure reader configuration (based on LEGIC Orbit)
- Flexible smartcard encoding:
  - ✓ simple loading with flexible memory size allocation (2-32k)
  - ✓ adding new neon files with any SM-6300 reader, max number of neon files depending on neon file size and memory allocation

# Card Initialization and Usage



# Customer Benefits



  
Customer controlled keys



  
Harmonized Credentials

  
Availability



**neon applet on processor card**  
[NXP Smart MX, Infineon Secora, ST...]



2-32K applet space migration possible



same file on mobile and on card



coming soon

# Thank you for your attention

Live demo at LEGIC booth

Demo possible on your premises

We're looking for early adopters

