

Postal Data Hackathon 2023

Team Unity



Coupling Digital Identities With Postal Data to Improve Cross-Border Delivery



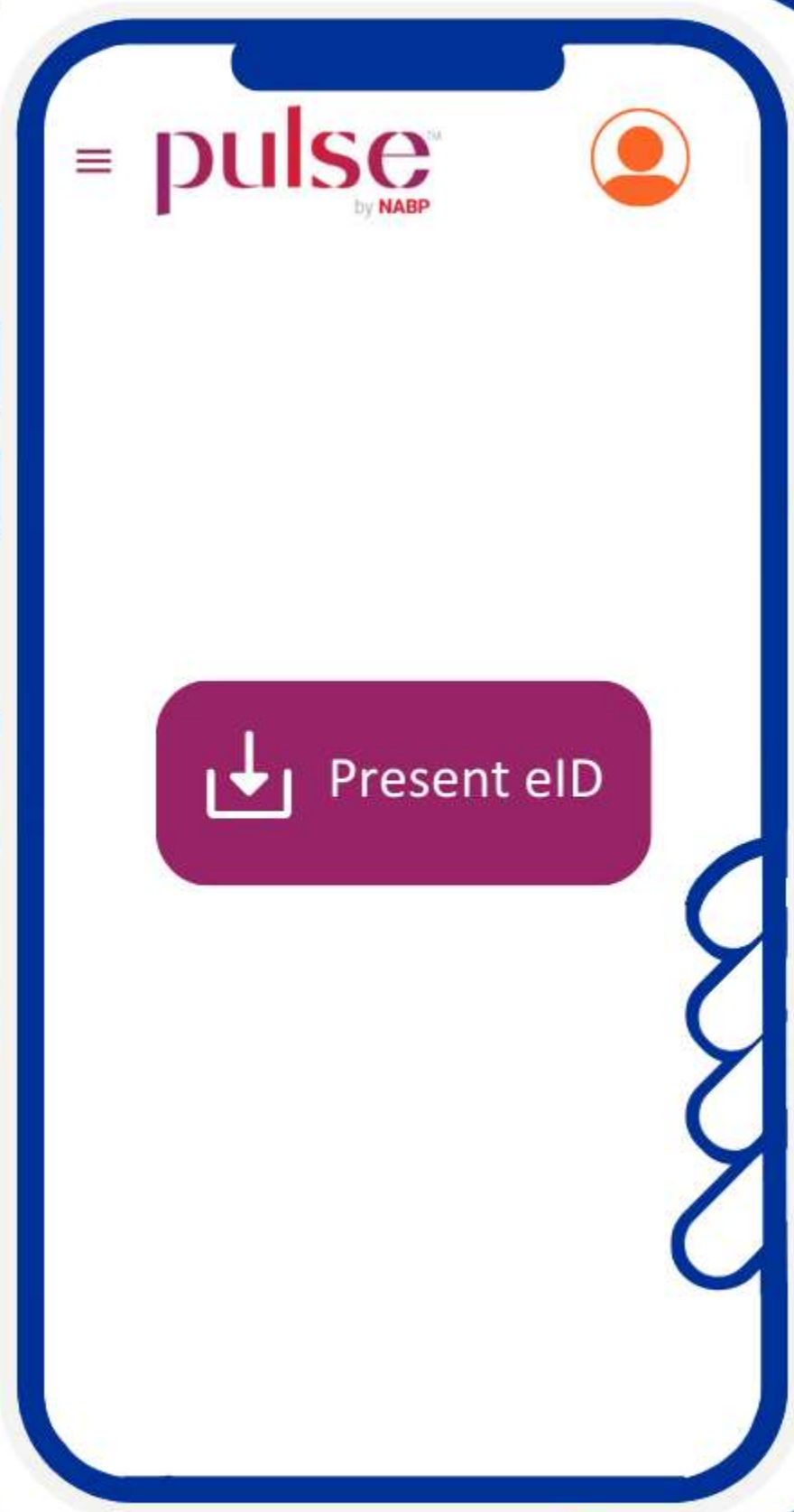


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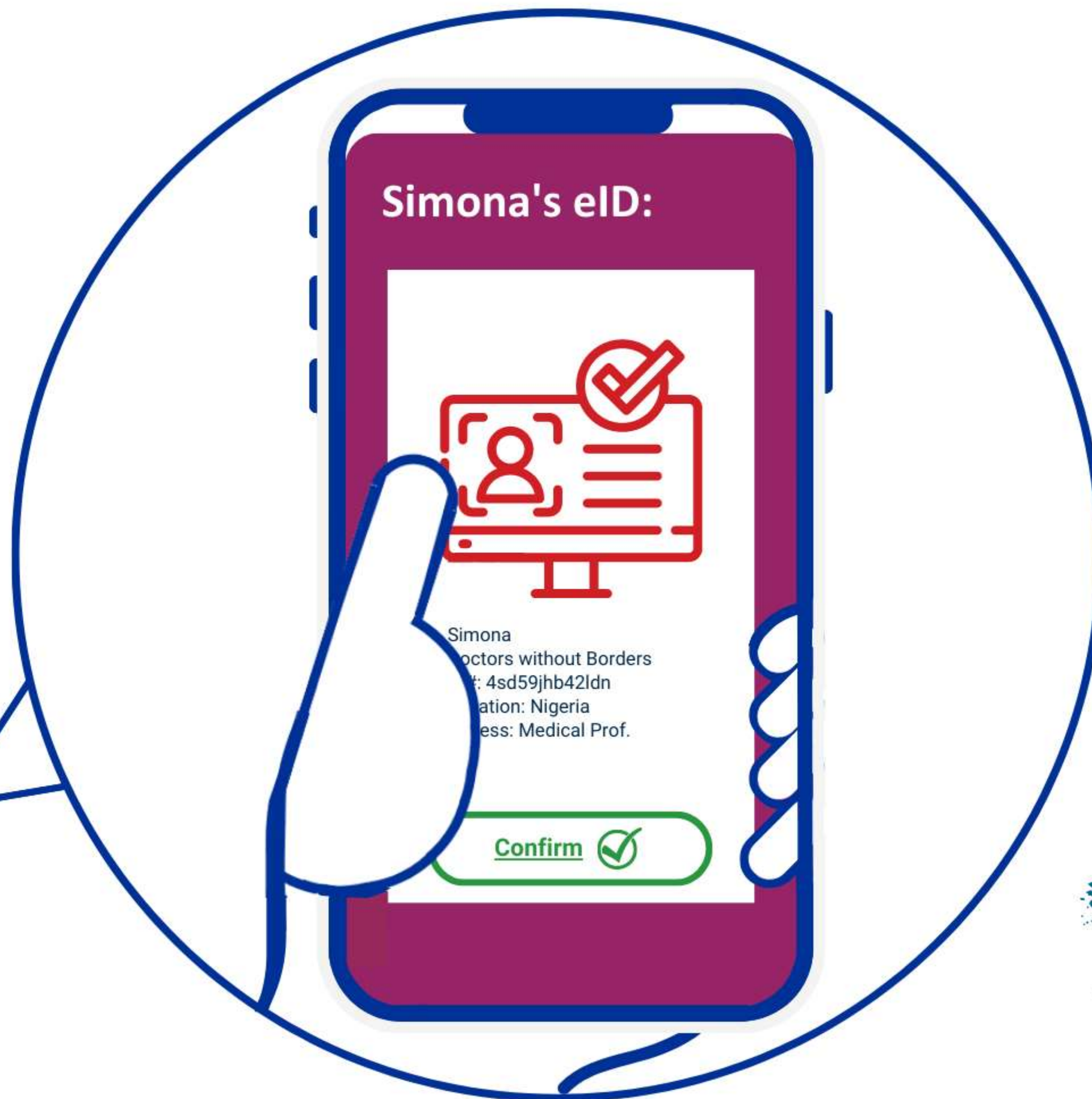


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Pulse TRAIN

**INFORMATION FOR
VALIDATION:**

ISSUER:

DID:WEB:NIMC.GOV.NG

TRUST SCHEME POINTER:

UPU.TRAIN.TRUST-SCHEME.DE

Validate 



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TRAIN → Pulse

INFORMATION FOR VALIDATION:

FOUND TRUST SCHEME:

UPU.TRAIN.TRUST-SCHEME.DE

FOUND TRUST LIST:

HTTPS://TSPA.TRUST-
SCHEME.DE/TSPA_TRAIN_DOMAIN/AP
I/V1/SCHEME/UPU.TRAIN.TRUST-
SCHEME.DE

FOUND SERVICE TYPE:

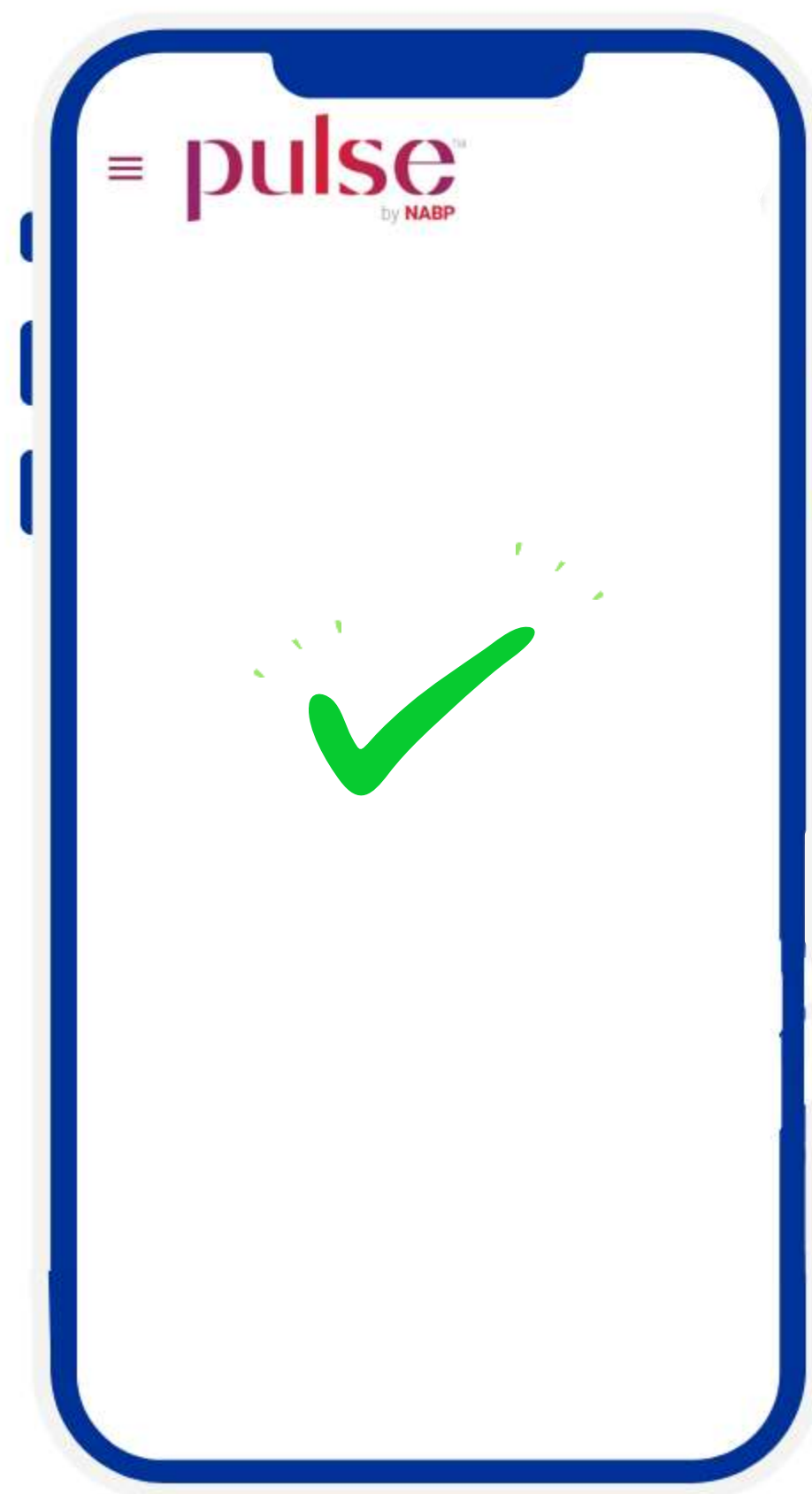
HTTP://VCISSUER.NGI.TRAIN.TRUSTSC
HEME.DE

FOUND ISSUER:

DID:WEB:NIMC.GOV.NG

VERIFICATION STATUS: OK

VERIFICATION SUCCESSFUL: OK



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Signing Postal Data

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Shipment
Data



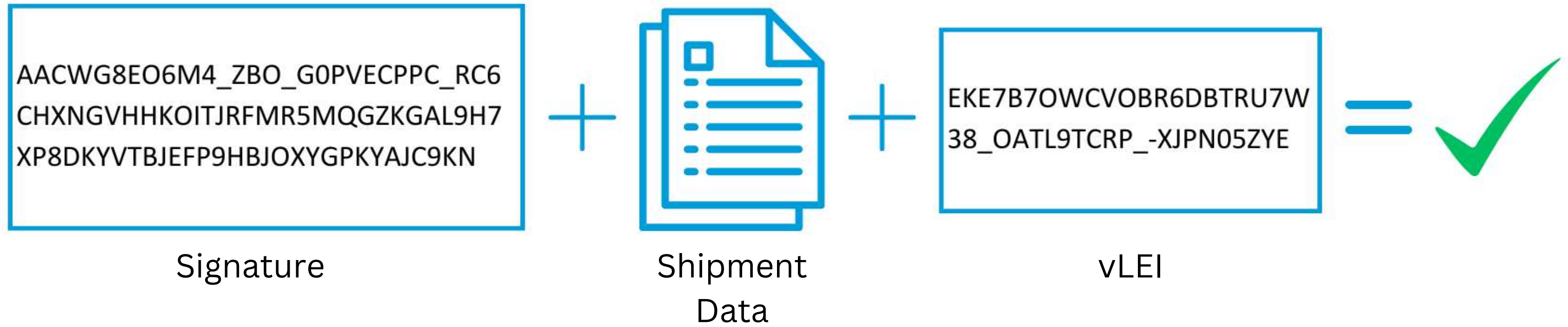
AACWG8EO6M4_ZBO_G0PVECPPC_RC6
CHXNGVHHKOITJRFMR5MQGZKGAL9H7
XP8DKYVTBJEFP9HBJOXYGPKYAJC9KN

Signed Shipment
Data

Signed by representative of
ABC Pharmaceuticals
GmbH
with vLEI*

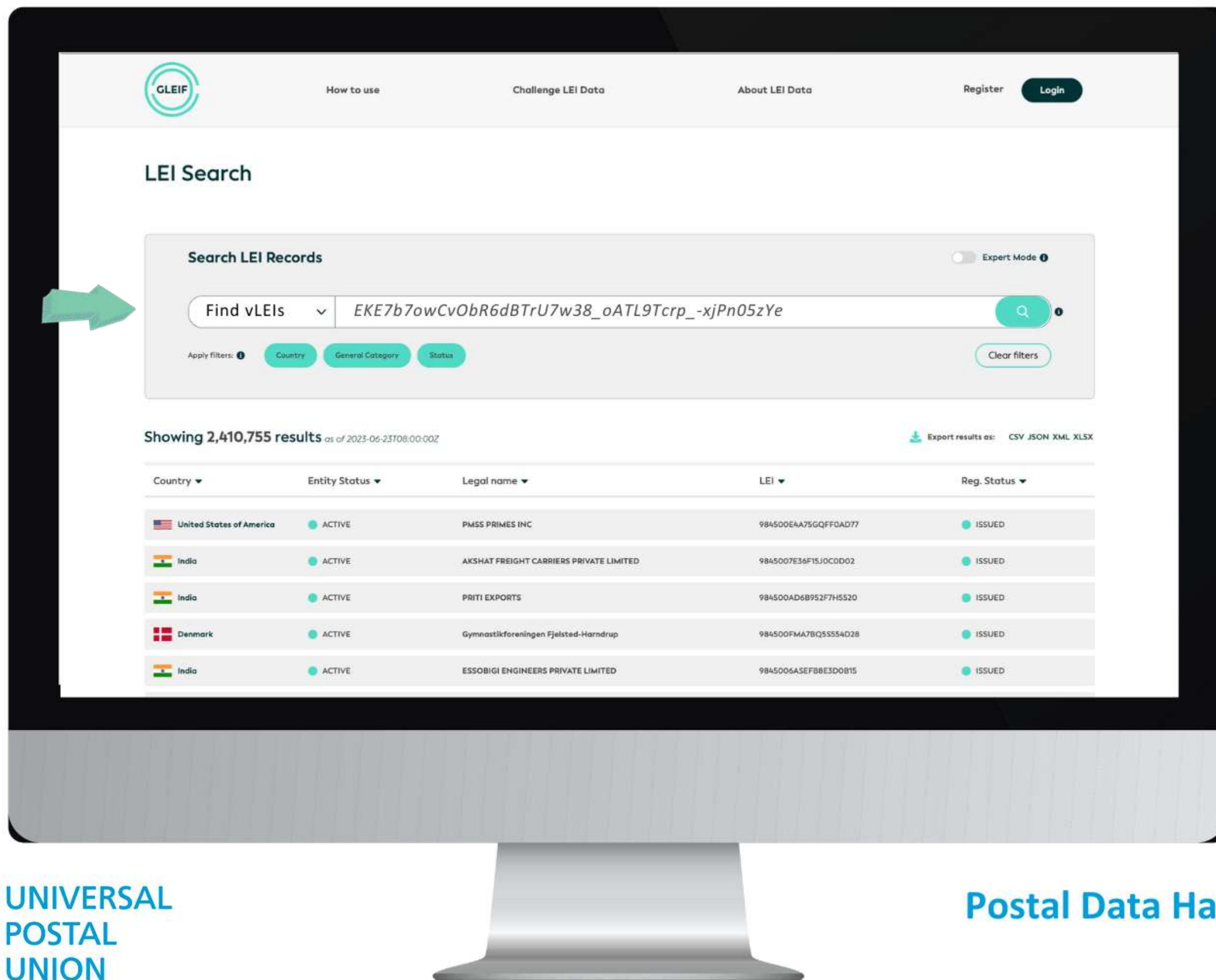
Signature Validation

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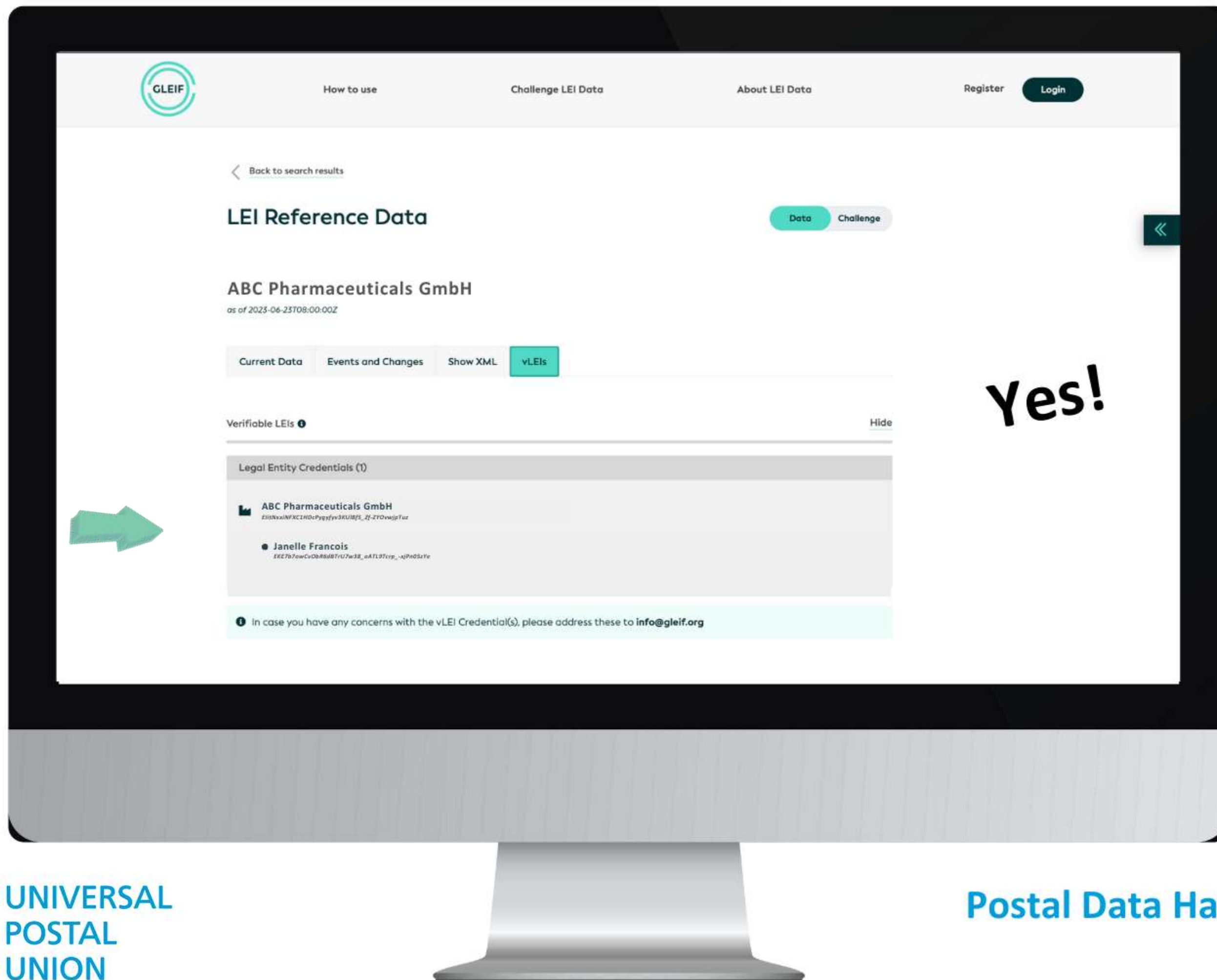
But is this vLEI really from
ABC Pharmaceuticals GmbH?





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Next Steps

- Increase cross-referencing of authoritative data sources
- Explore potential dynamic (bi-directional) exchange of data to improve overall accuracy
- Facilitating continued collaboration within the broader postal ecosystem.

“It takes a network to defeat a network”

Thank You

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Sponsors:

- UPU
- La Poste Groupe
- Eurora
- EPFL
- UN Statistics Division
- ITU
- ICAO
- OpenData.ch

Team Unity (in-person):

- Michael Palage
- Xiaodi Wang
- Salvatore Porcheddu
- Juan Vargas
- Alex Zambrano
- Heinz Graf
- Mikhail Soloviev

External Experts:

- Frank Cona
- Tim Mesker
- Stephanie Milam
- Isaac Henderson
- Philip Fearheller
- Christoph Schneider

