



VERIDOS

IDENTITY SOLUTIONS

by Giesecke & Devrient  
and Bundesdruckerei

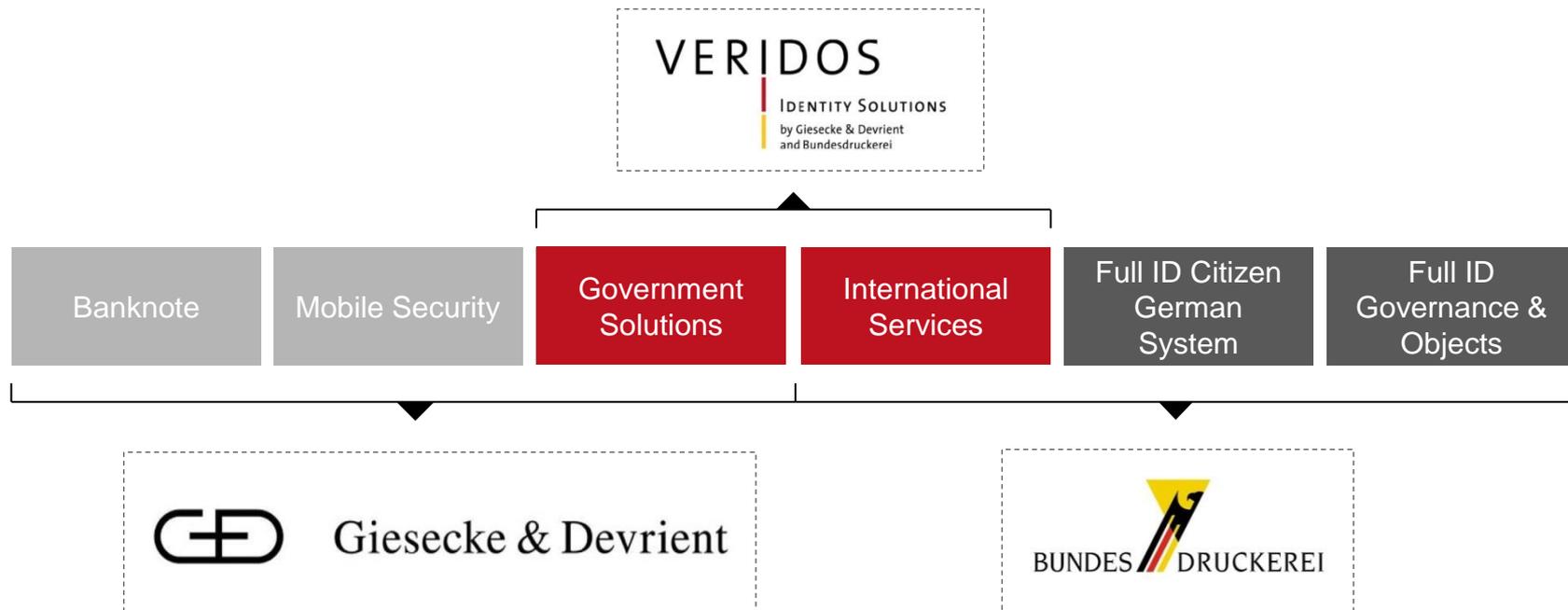
# Introduction ICAO PKD – Higher Travel Security

ICAO TRIP Seminar 9 to 11th May 2016

# Who is Veridos?

## Joint venture heritage

Veridos is the only company in its markets solely focused on serving government customers. By pooling together the government solutions expertise and portfolios of both Giesecke & Devrient and the Bundesdruckerei; Veridos is in the best position to serve both governments and their citizens.





Verification devices at border control use certificates in order to prove **authenticity** and **integrity** of **ePassports**.

Note: e.g. SPOC has a different purpose, matching passport and passport holder

## Certificates exchanged:

- CSCA Certificates (Master Lists)
- Document Signer Certificates
- Certificate Revocation Lists
- Deviation Lists



# What is the purpose of the ICAO PKD?



As of May 2015, the ICAO PKD Participants include Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, China, Columbia, Czech Republic, France, Germany, Hong Kong SAR, Hungary, India, Iran (Islamic Republic of), Ireland, Japan, Kazakhstan, Latvia, Luxembourg, Macao SAR, Malaysia, Moldova, Morocco, Netherlands, New Zealand, Nigeria, Norway, Philippines, Qatar, Russian Federation, Seychelles, Singapore, Slovakia, Republic of Korea, Spain, Sweden, Switzerland, Thailand, Ukraine, United Arab Emirates, United Kingdom, United States, United Nations and Uzbekistan

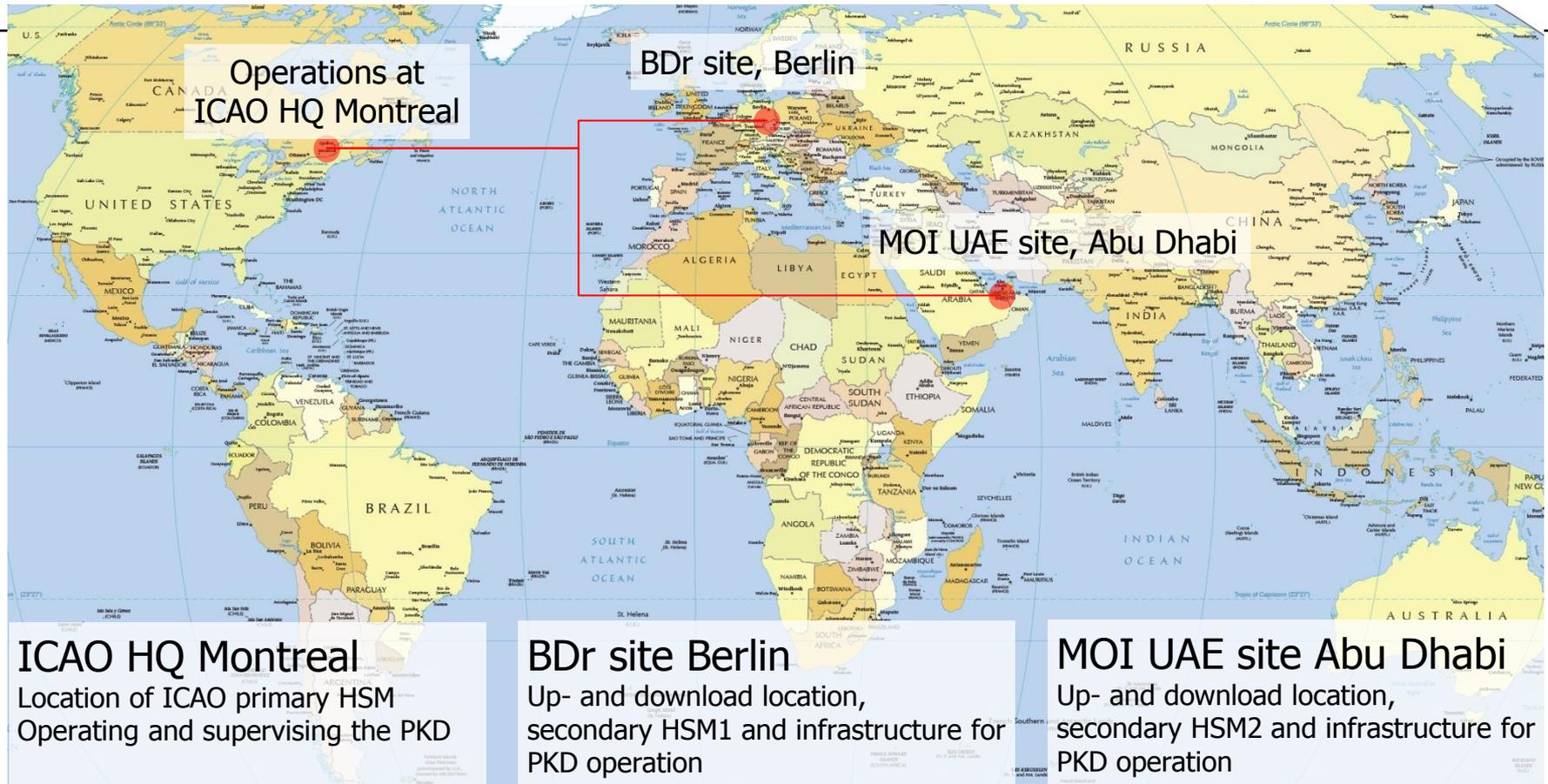




# Solution Overview ICAO PKD Service

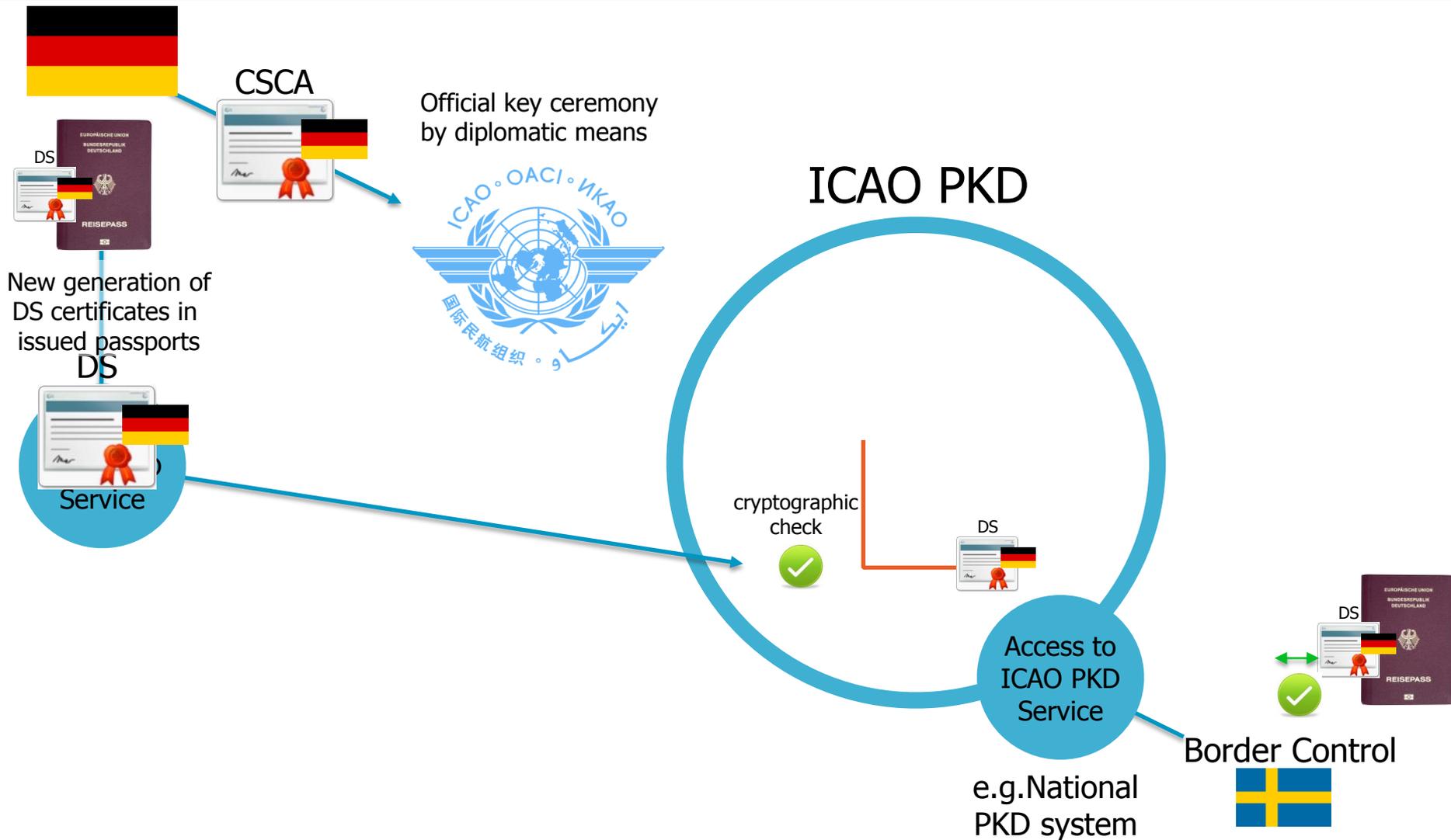
# VERIDOS

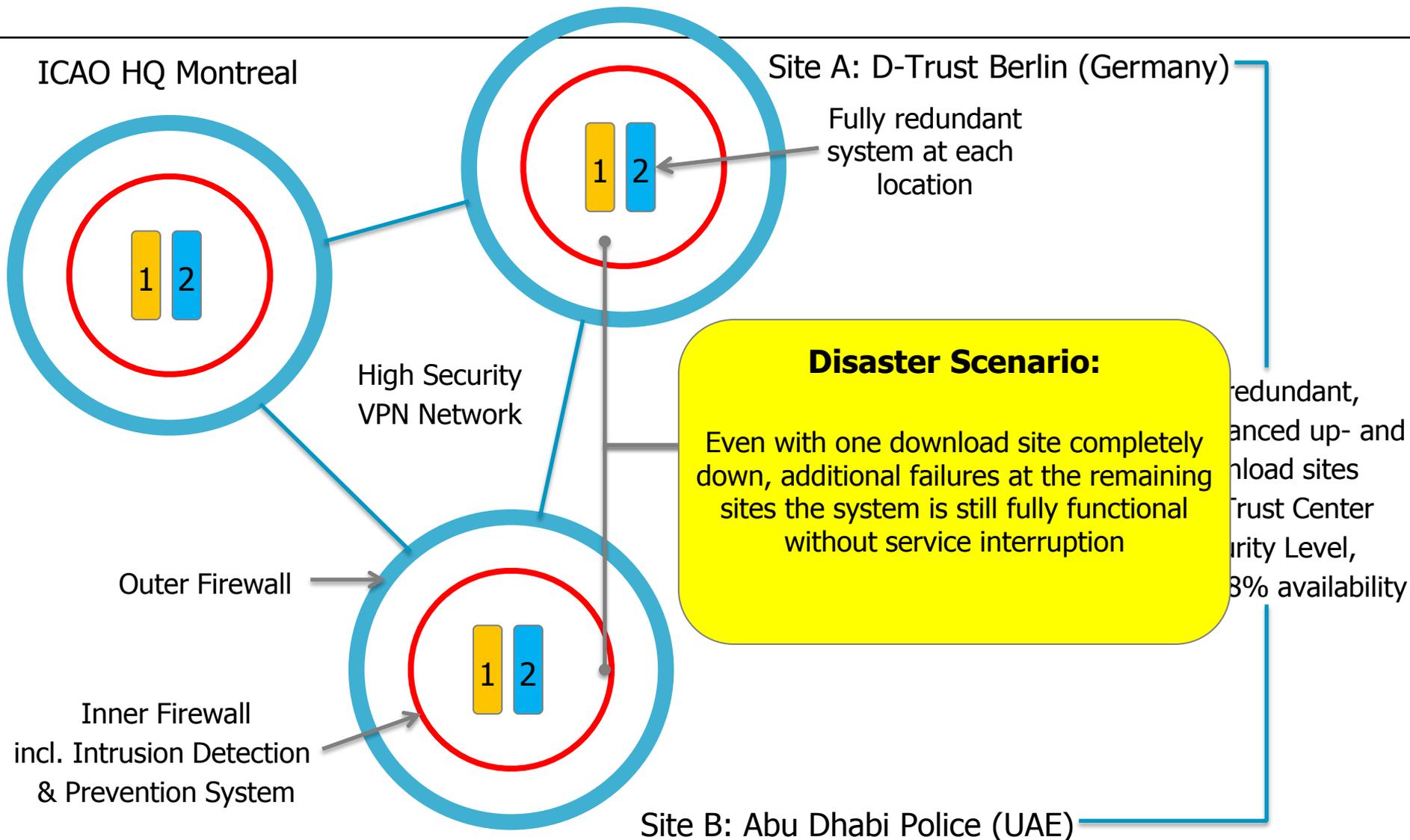
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New ICAO PKD System of Bundesdruckerei / Veridos is live since end of March 2016

# ICAO PKD - how does it work?





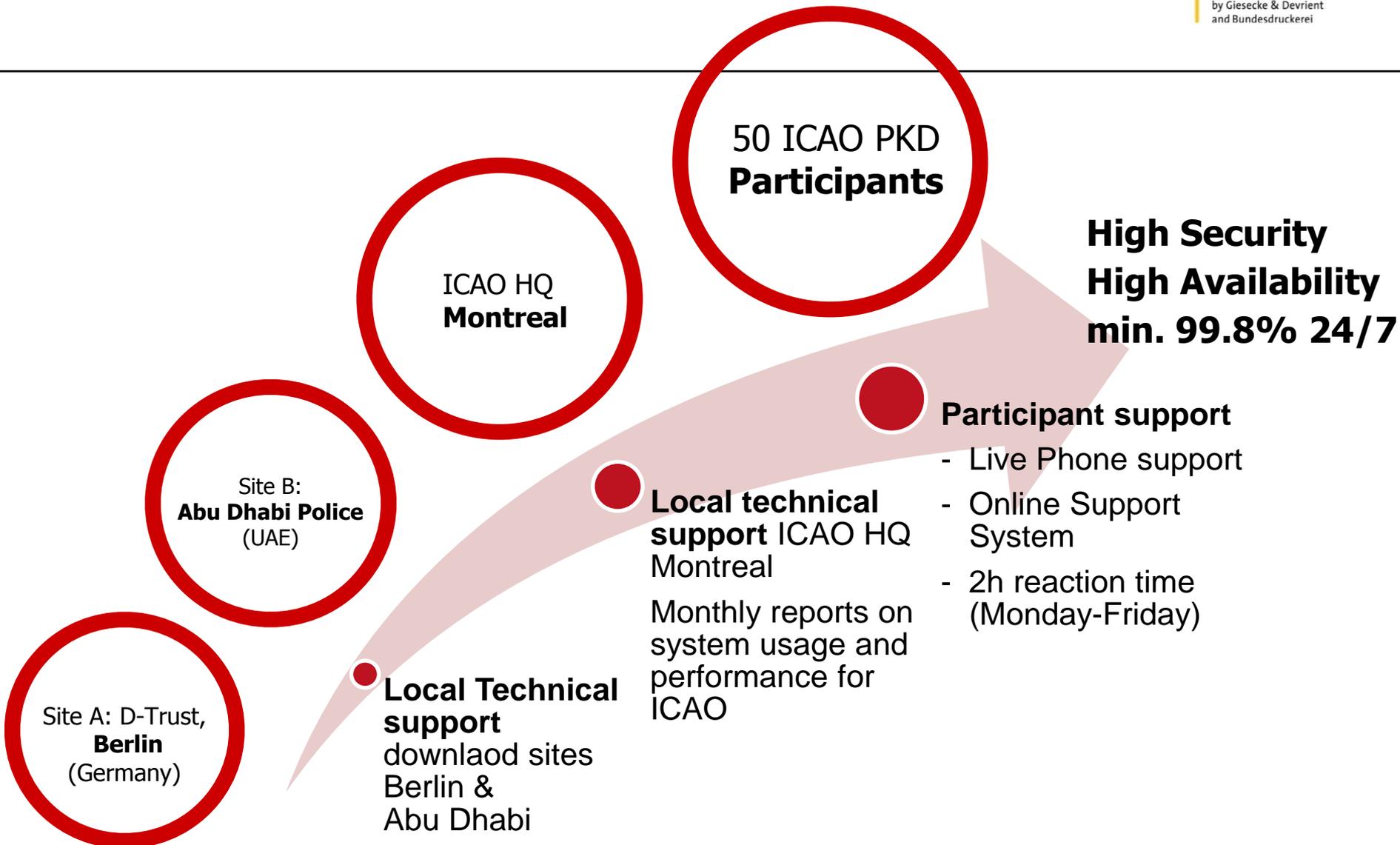
## PKD Participants

- ICAO PKD infrastructure should be the common platform for exchanging certificates for efficient border control
- Highly secure and available infrastructure already exists
- Established and reliable processes supervised by ICAO
- Further contents can easily be added (Masterlists / CRLs of countries or regions – as the EU Schengen Masterlist)



## Institutions

# Support for ICAO PKD by Veridos/BDr



## ICAO



Customer and ICAO PKD system principal

## Veridos



ICAO PKD System and Service Management



### D-Trust

IT operations ICAO PKD  
Housing the ICAO PKD  
System – Site Berlin  
Local service Berlin



### Abu Dhabi Police GHQ

Housing the ICAO PKD  
System - Site Abu Dhabi



### EGSP

Local service  
Abu Dhabi



### Bundesdruckerei

Prime Contractor for  
ICAO  
System Development

Information on PKD membership, conditions and requirements are provided by the

## ICAO PKD Office at ICAO Headquarters Montreal

Mrs. Christiane DerMarkar  
c.dermarkar@icao.int

Thank You!