

AUTOMATIC BIOMETRIC IDENTIFICATION SYSTEM IN PANAMA'S TRIBUNAL ELECTORAL

1. BRIEF PANAMA'S ID CARD HISTORY
2. THE PROJECT
3. BENEFITS

1. BRIEF PANAMA'S ID CARD HISTORY

2. THE PROJECT

3. BENEFITS

4. OPEN DOOR TO THE FUTURE



1. BRIEF PANAMA'S ID CARD HISTORY

FIRST ID CARD (PAPER)
1916

1916

2019

1. BRIEF PANAMA'S ID CARD HISTORY

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1916



El Gobierno de la República de Panamá, en uso de sus facultades legales y administrativas, y luego de las investigaciones pertinentes, confiere y certifica en calidad de ciudadano panameño, nacido en la Ciudad de Panamá y con residencia en la ciudad de Colón, Provincia de Colón, que _____ es portador de la cedula de identidad _____ 8-32-987.

El presente documento lleva la firma del Secretario Nacional del Juzgado Municipal pertinente, y certifica que el ciudadano Hernando Soto Peña presenta las generales de casado, padre de tres hijos, todos de nacionalidad panameña.

Este documento es fiel copia del original que reposa en los archivos municipales,

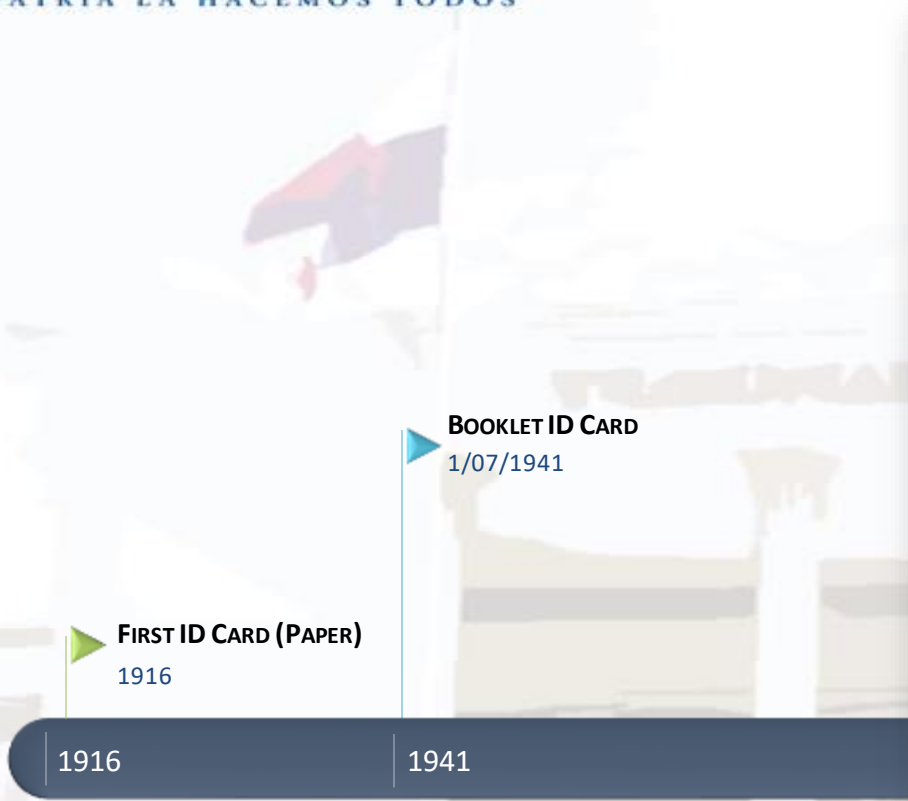
DADO EN LA CIUDAD DE PANAMA, A LOS VEINTE DIAS DEL MES DE AGOSTO DEL AÑO MIL NOVECIENTOS DIECISEIS.

copia para propósitos publicitarios, no es una cédula original.

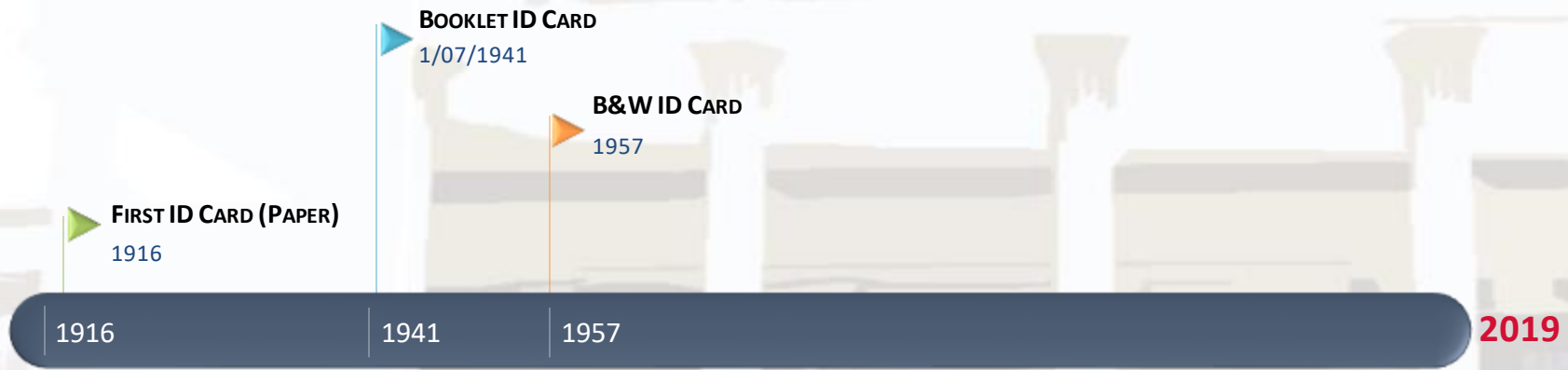
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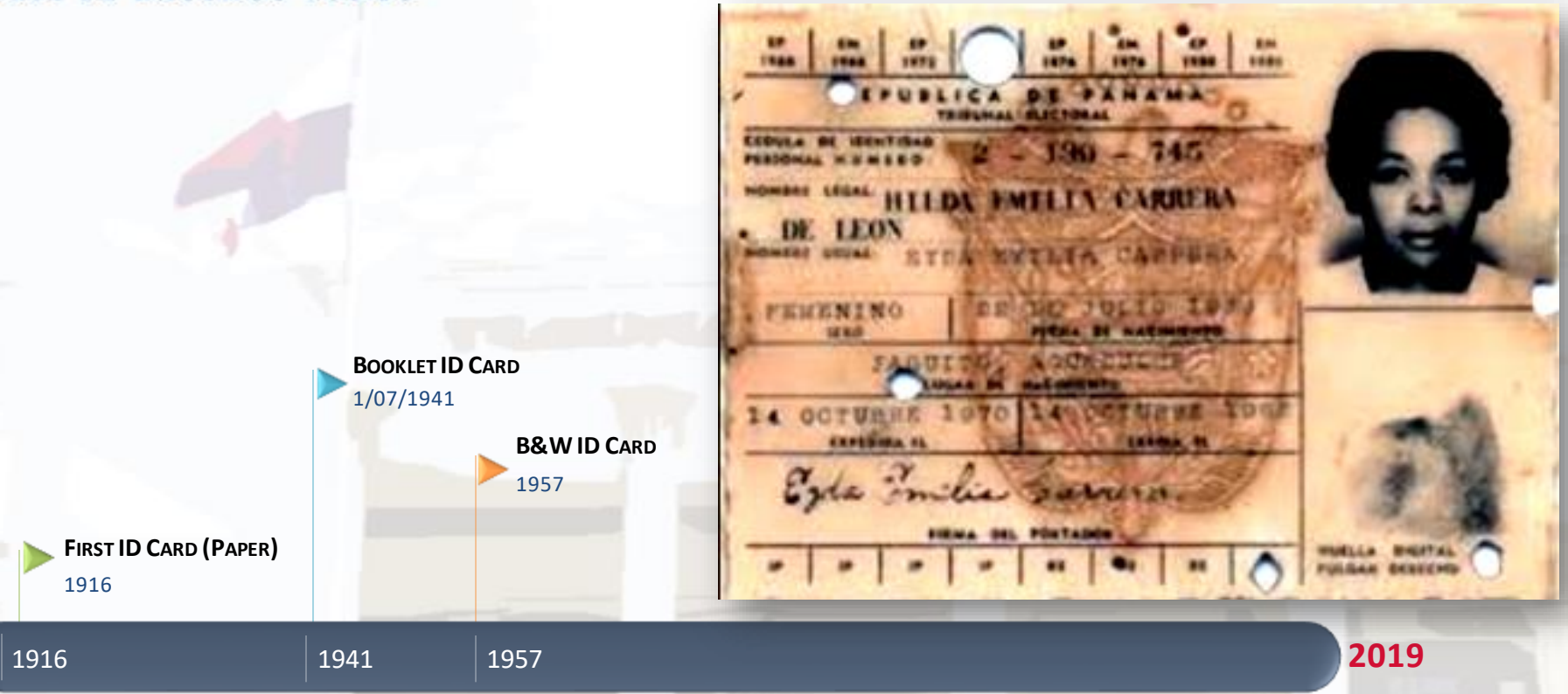
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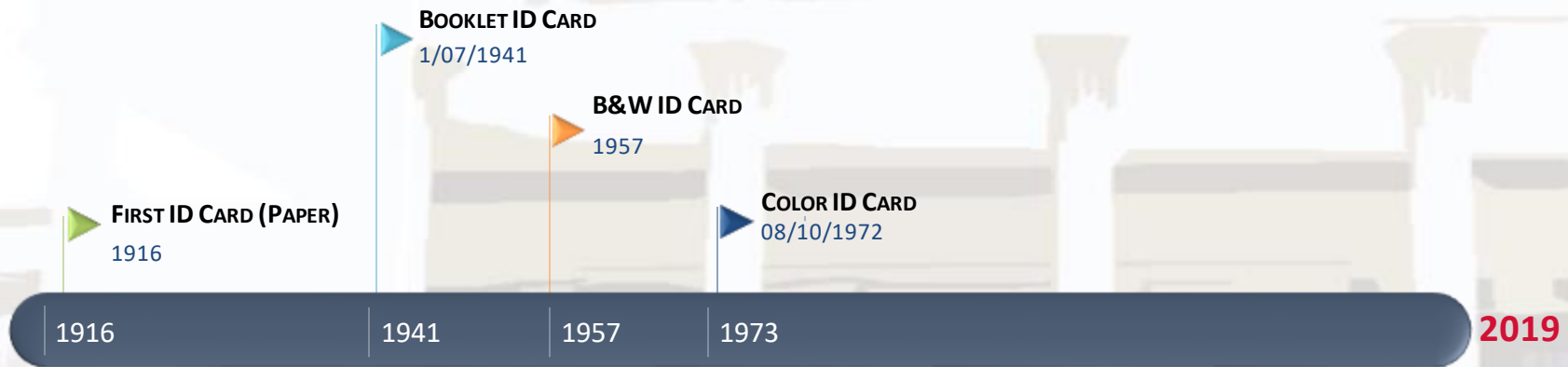
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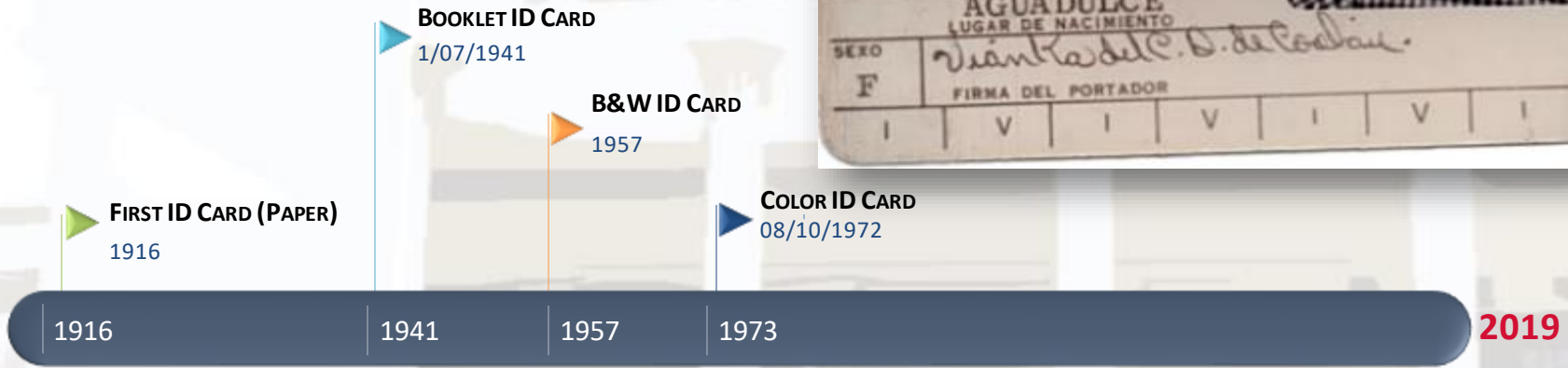
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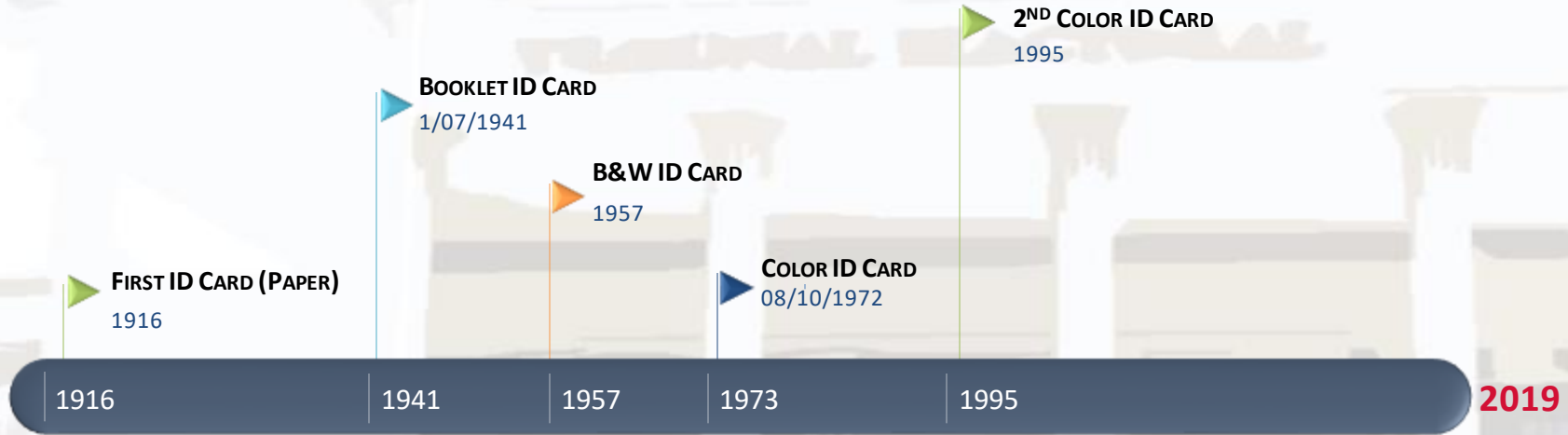
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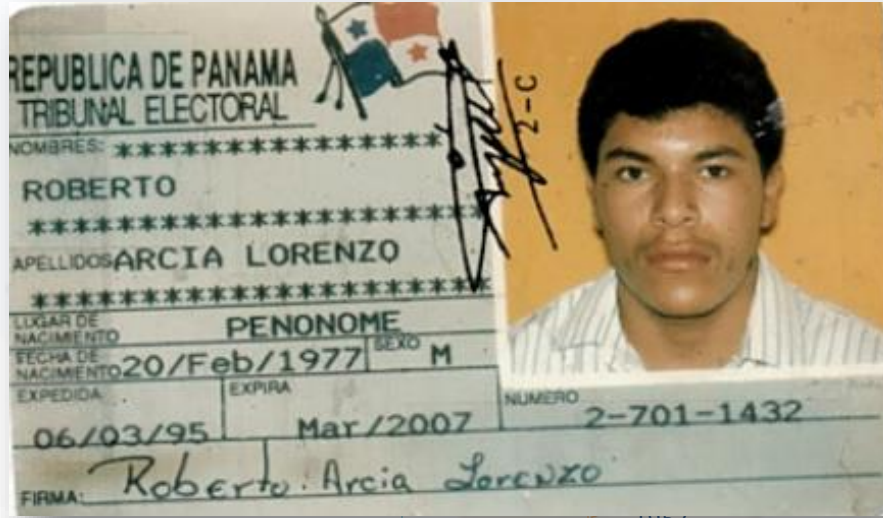
1. BRIEF PANAMA'S ID CARD HISTORY



1. BRIEF PANAMA'S ID CARD HISTORY



1. BRIEF PANAMA'S ID CARD HISTORY



2ND COLOR ID CARD
1995

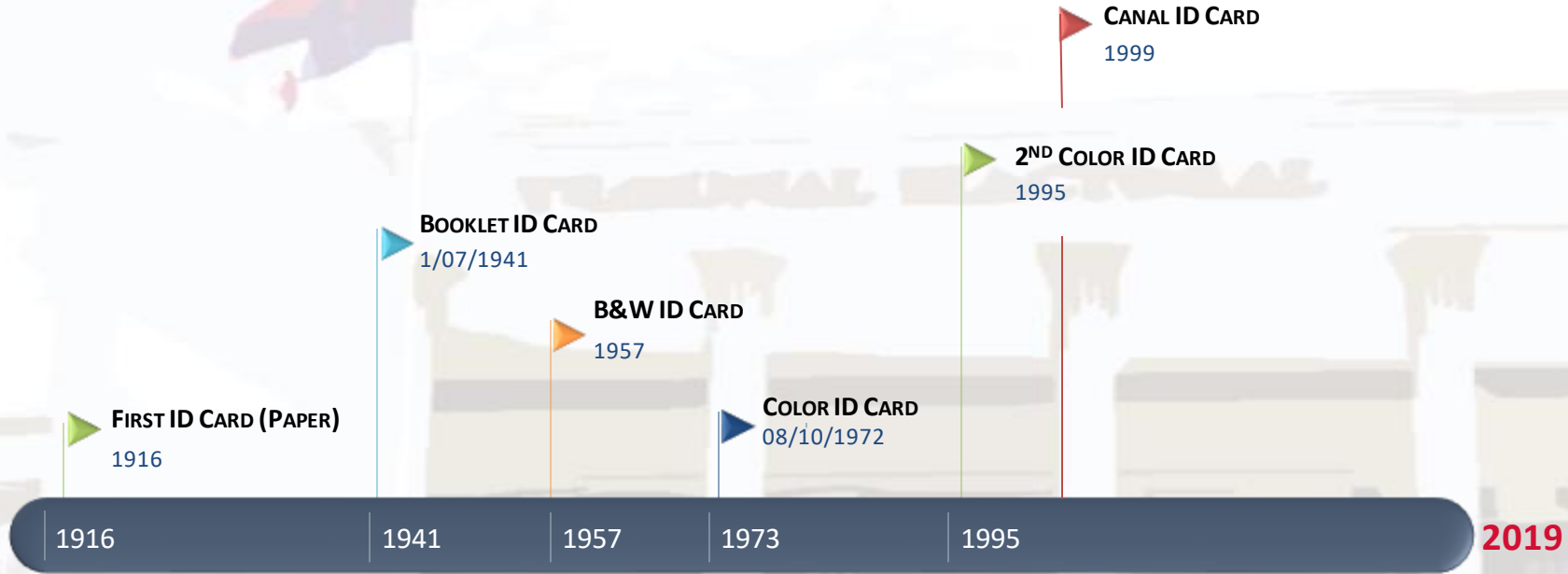
FIRST ID CARD (PAPER)
1916

COLOR ID CARD
08/10/1972

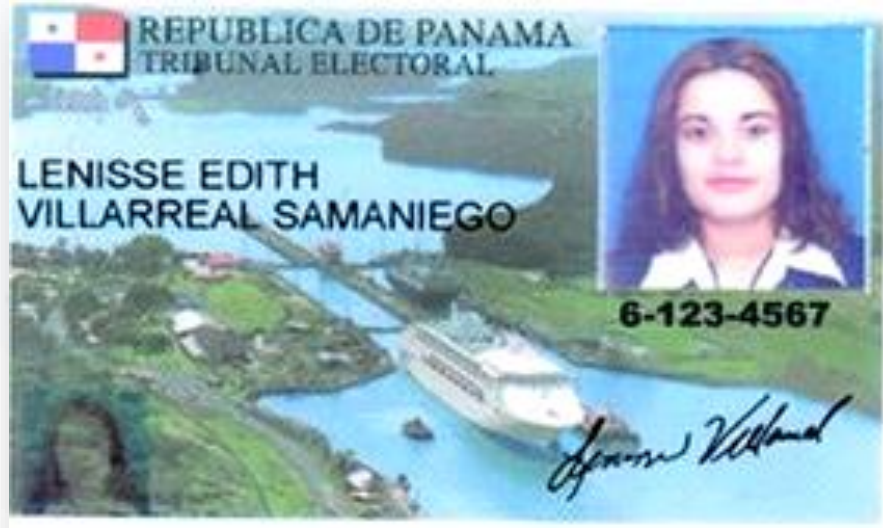


2019

1. BRIEF PANAMA'S ID CARD HISTORY



1. BRIEF PANAMA'S ID CARD HISTORY



FIRST ID CARD (PAPER)
1916

COLOR ID CARD
08/10/1972

CANAL ID CARD
1999

2ND COLOR ID CARD
1995

1916

1941

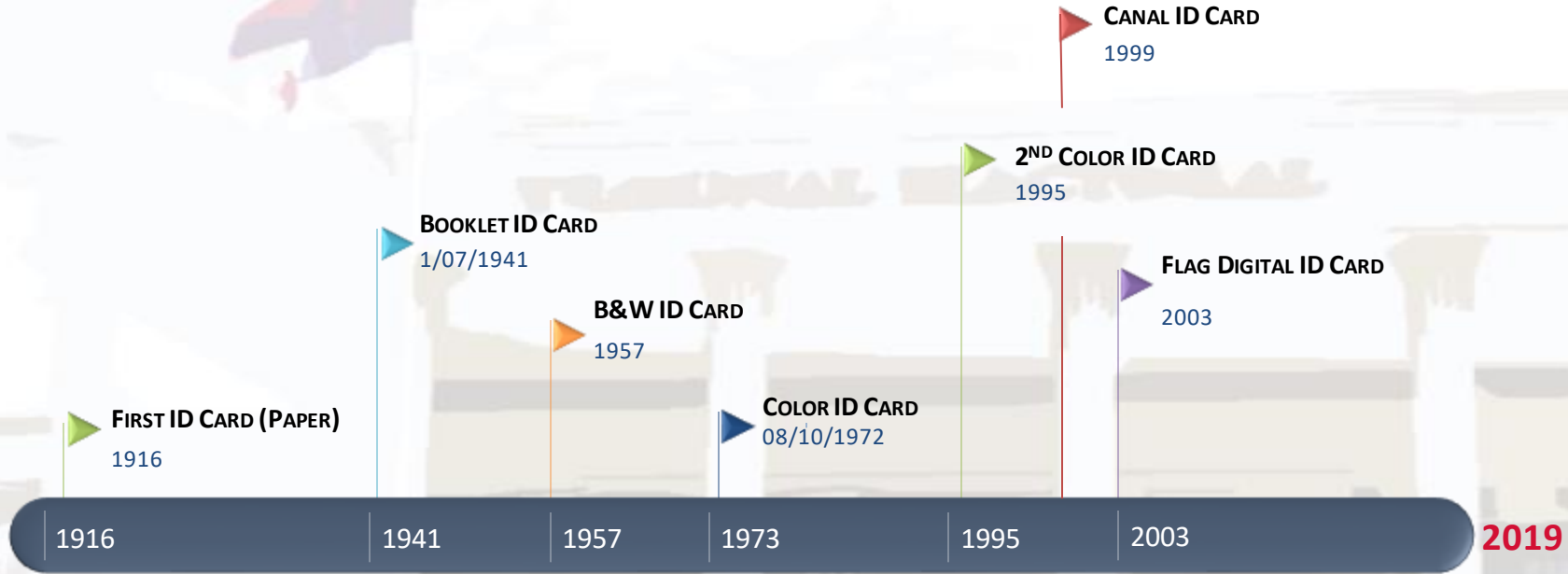
1957

1973

1995

2019

1. BRIEF PANAMA'S ID CARD HISTORY



1. BRIEF PANAMA'S ID CARD HISTORY



CANAL ID CARD
1999

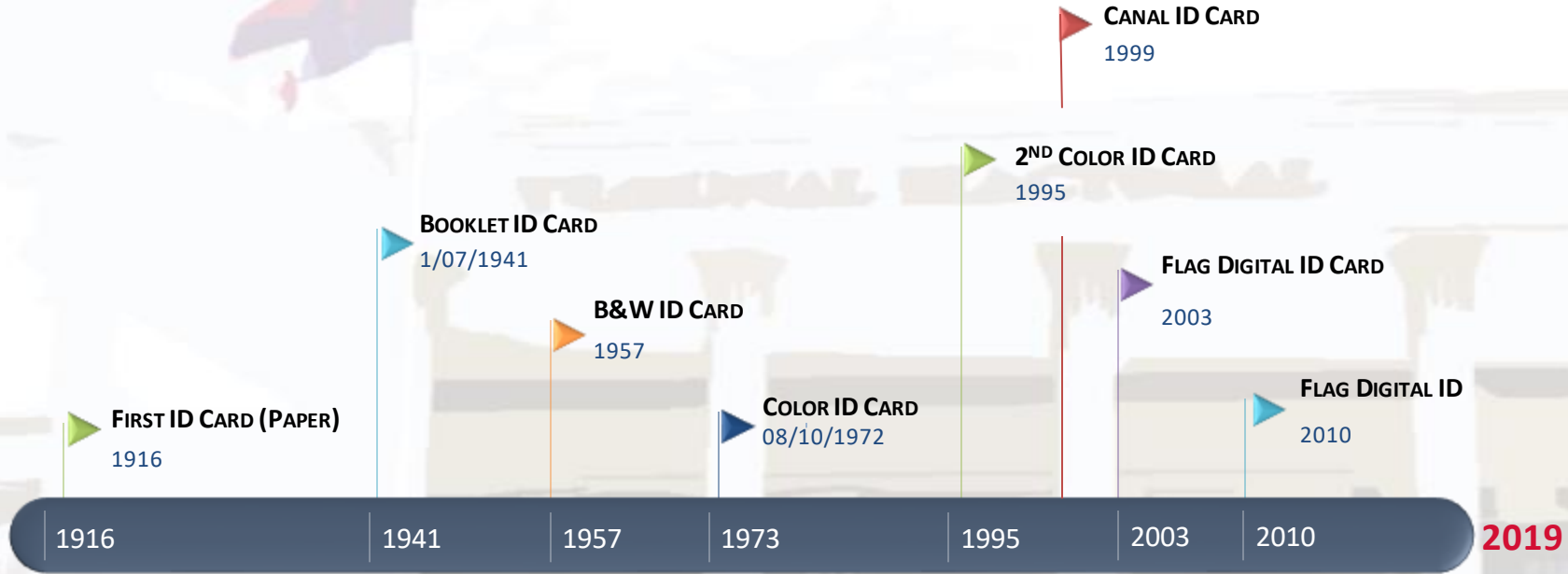
2ND COLOR ID CARD
1995

FLAG DIGITAL ID CARD
2003

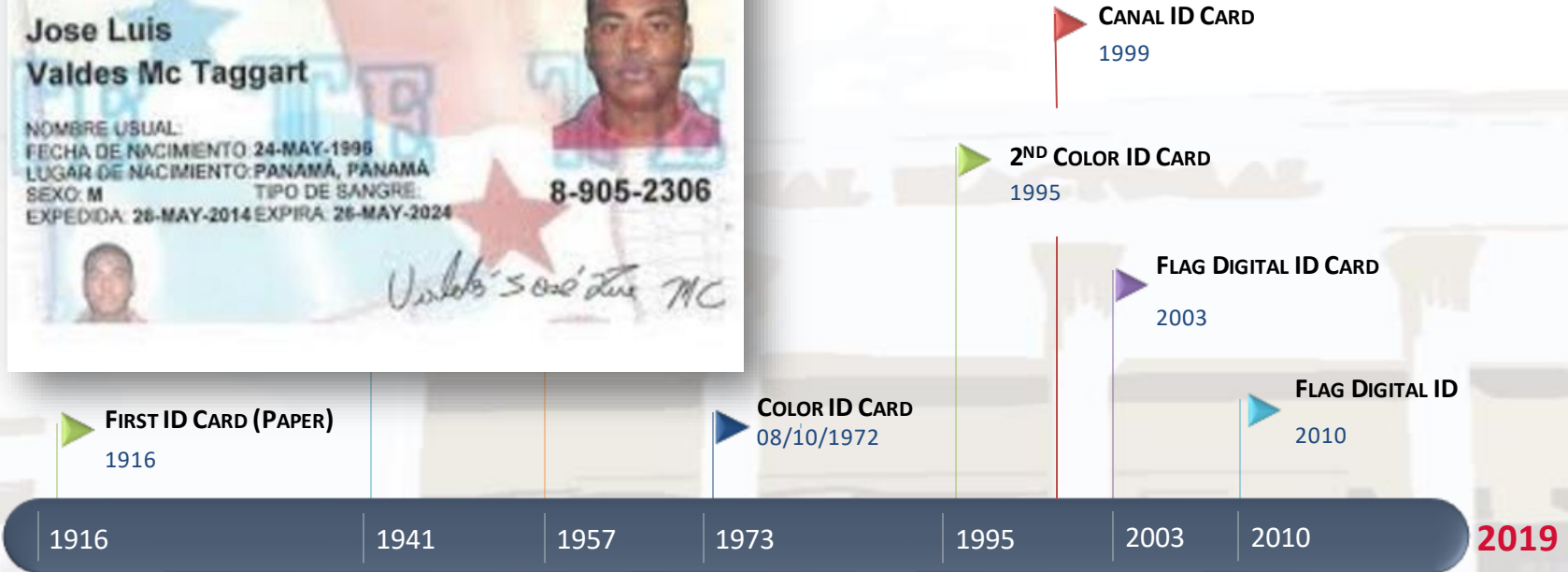


2019

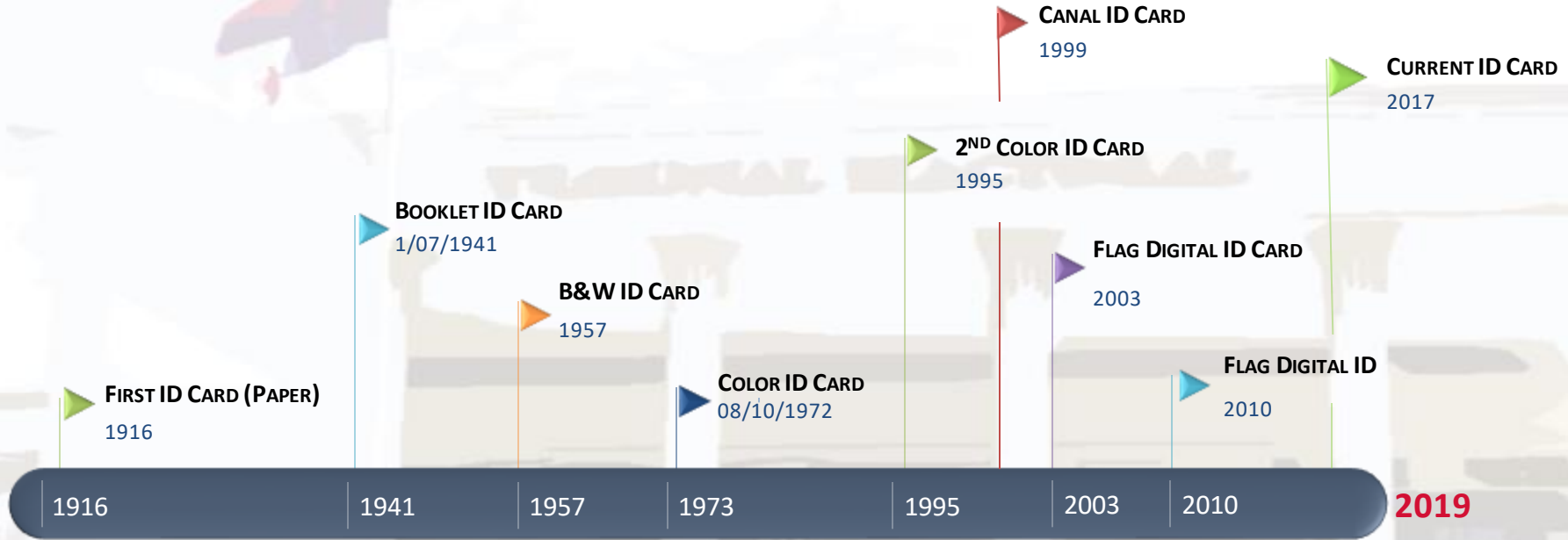
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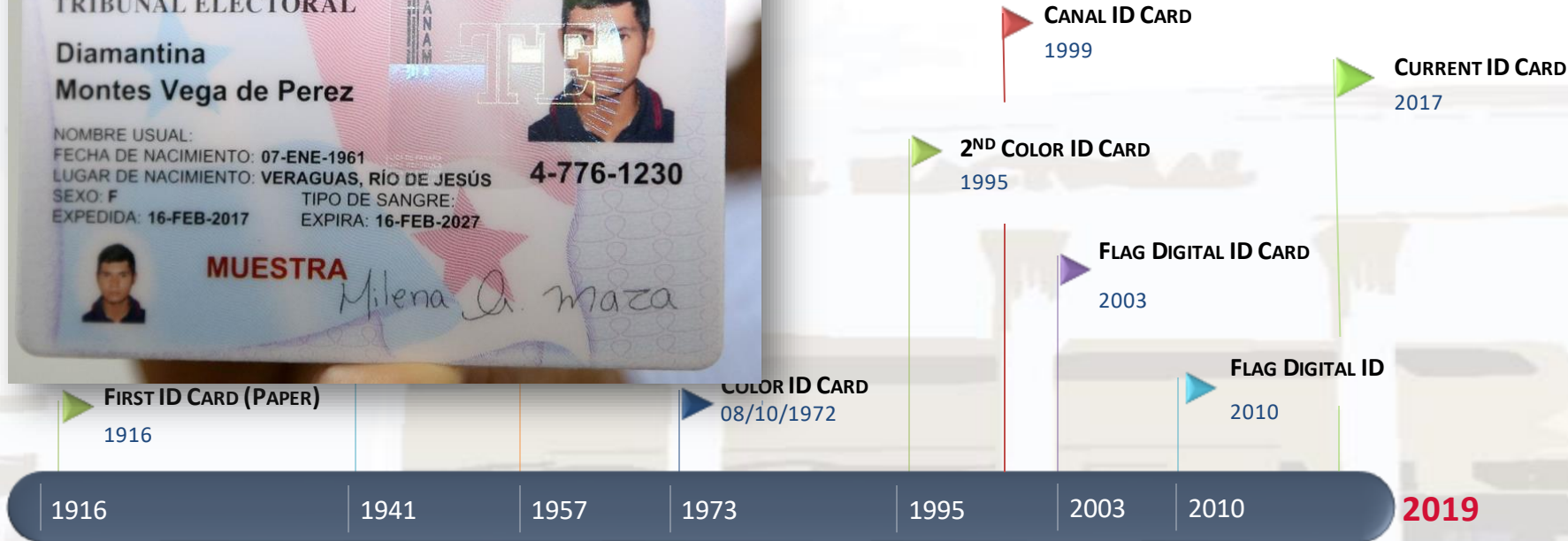
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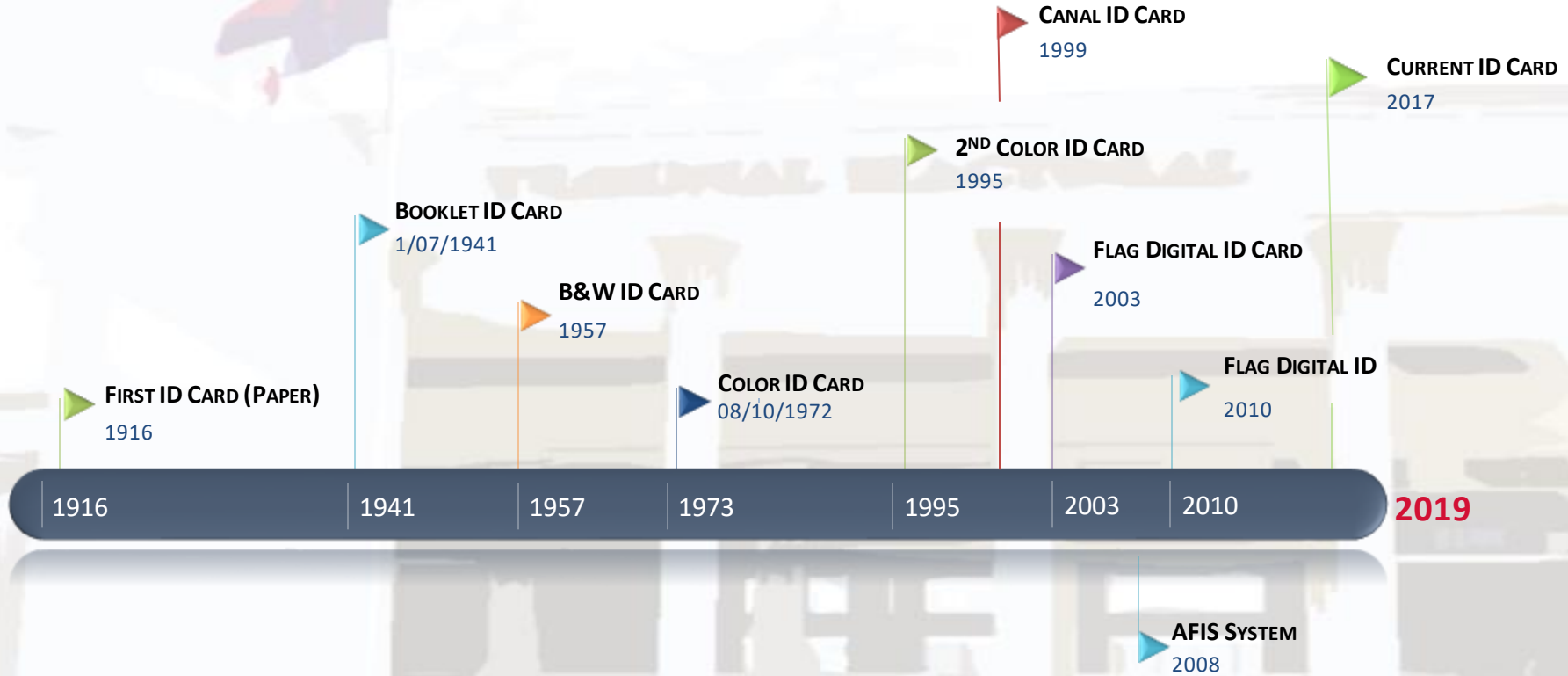
1. BRIEF PANAMA'S ID CARD HISTORY



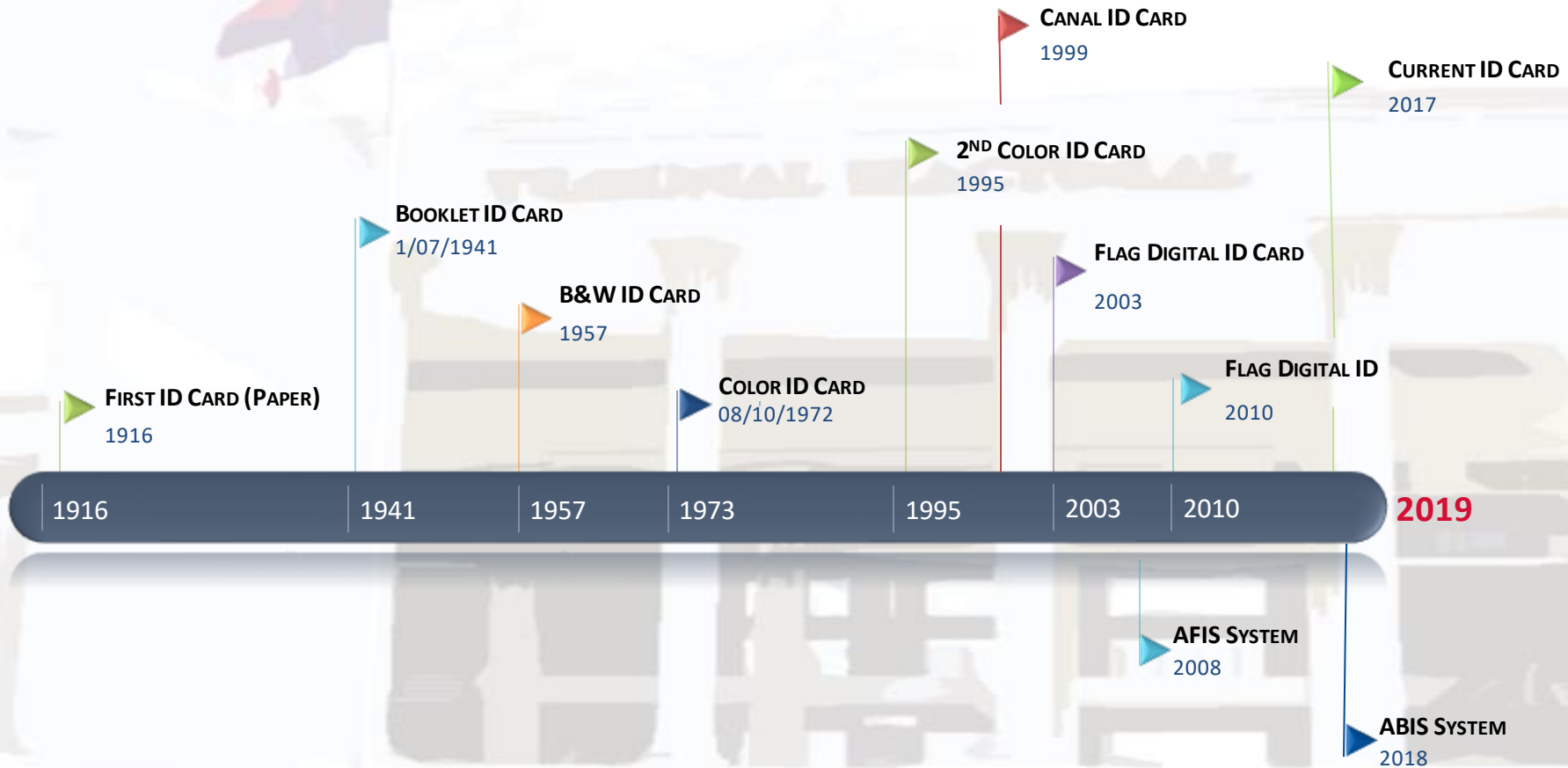
1. BRIEF PANAMA'S ID CARD HISTORY



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1. BRIEF PANAMA'S ID CARD HISTORY



2. THE PROJECT





Fingerprints



Face



Fingerprints

MUSTS

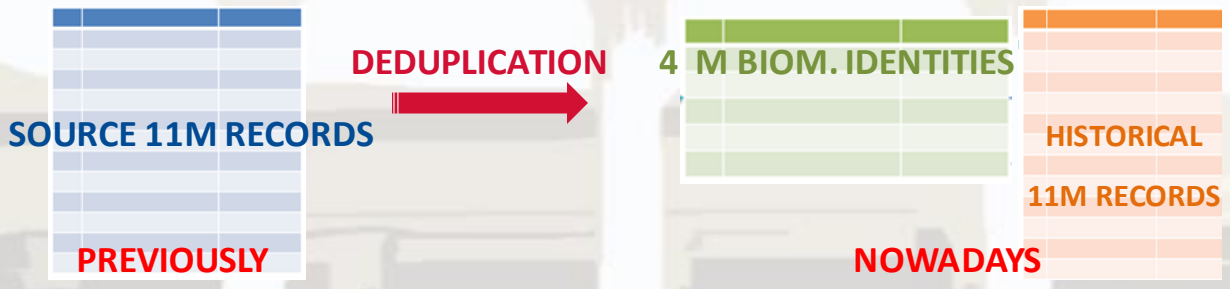
- ✓ TOP SPEED SOLUTION
- ✓ FIRST CLASS ACCURACY
- ✓ EASY TO INTEGRATE
- ✓ HIGH AVAILABILITY
- ✓ FEW HW RESOURCES
- ✓ WORKFLOWS AD-HOC TO CLIENTS BUSSINES CASE
- ✓ WEB BASED GOOD UX
- ✓ SCALABLE



✓ HW DISPOSAL (A-P MODE)



✓ RECORDS MIGRATION



✓ AD-HOC IMPLEMENTATION



TRIBUNAL'S BUSSINES PROCESSES WERE ANALIZED AND INNOVATRICS' WF WAS ADAPTED AND SUCCESSFULLY INTEGRATED



3. BENEFITS



3. BENEFITS

✓ IDENTIFICATION METHODS IMPROVEMENT



Face



Fingerprints

✓ UNINTERRUPTED RELIABLE SERVICE



✓ OPTIMIZED RESOURCES DEPENDANCE



VS



✓ MULTIPLE BRANDS ID HW ACCEPTED



✓ COMPATIBLE WITH MAIN O.S. AND DB



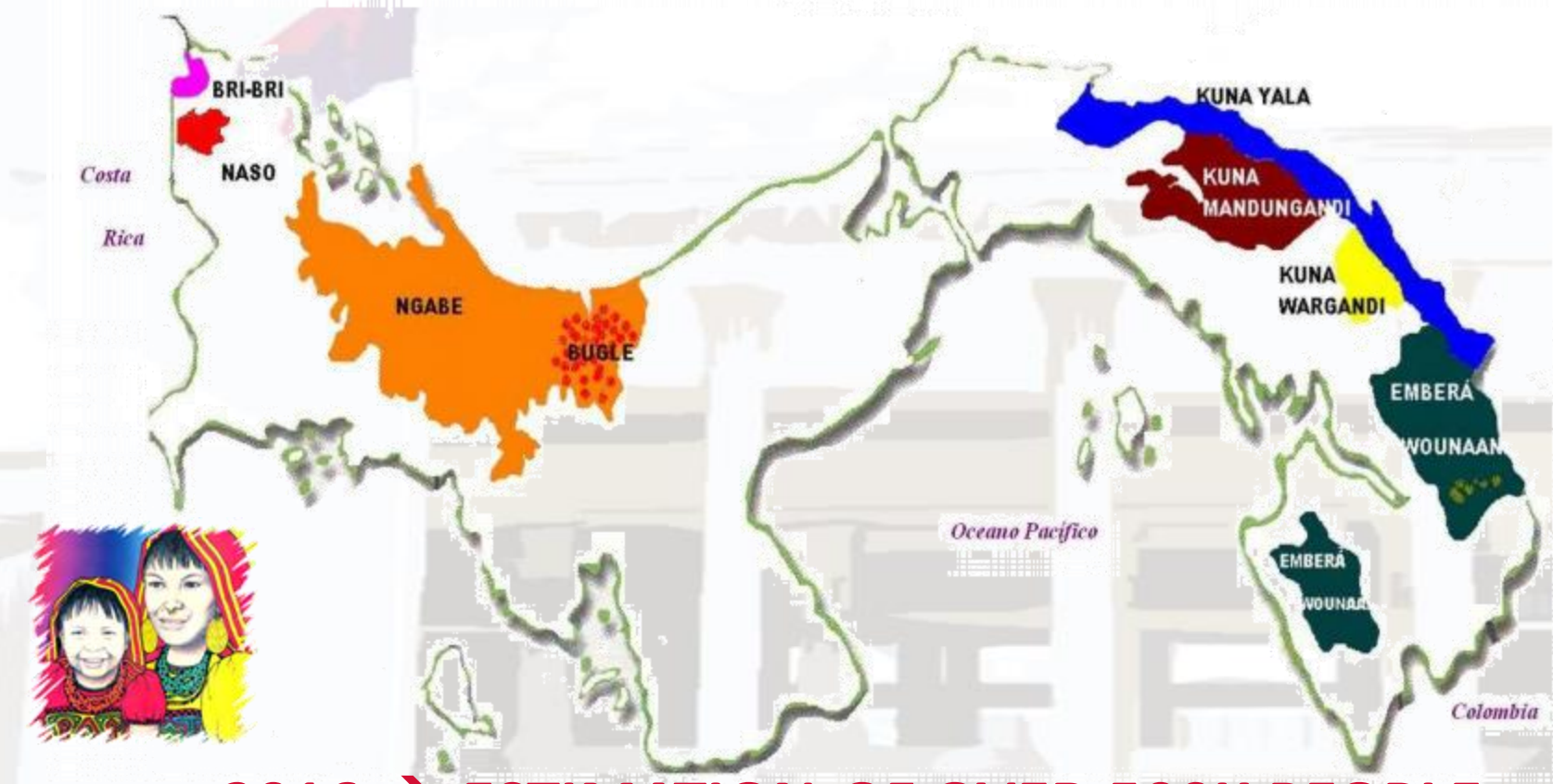
ALL THE PUBLIC AND PRIVATE INSTITUTION CONSULTING



Superintendencia
de Bancos de Panamá

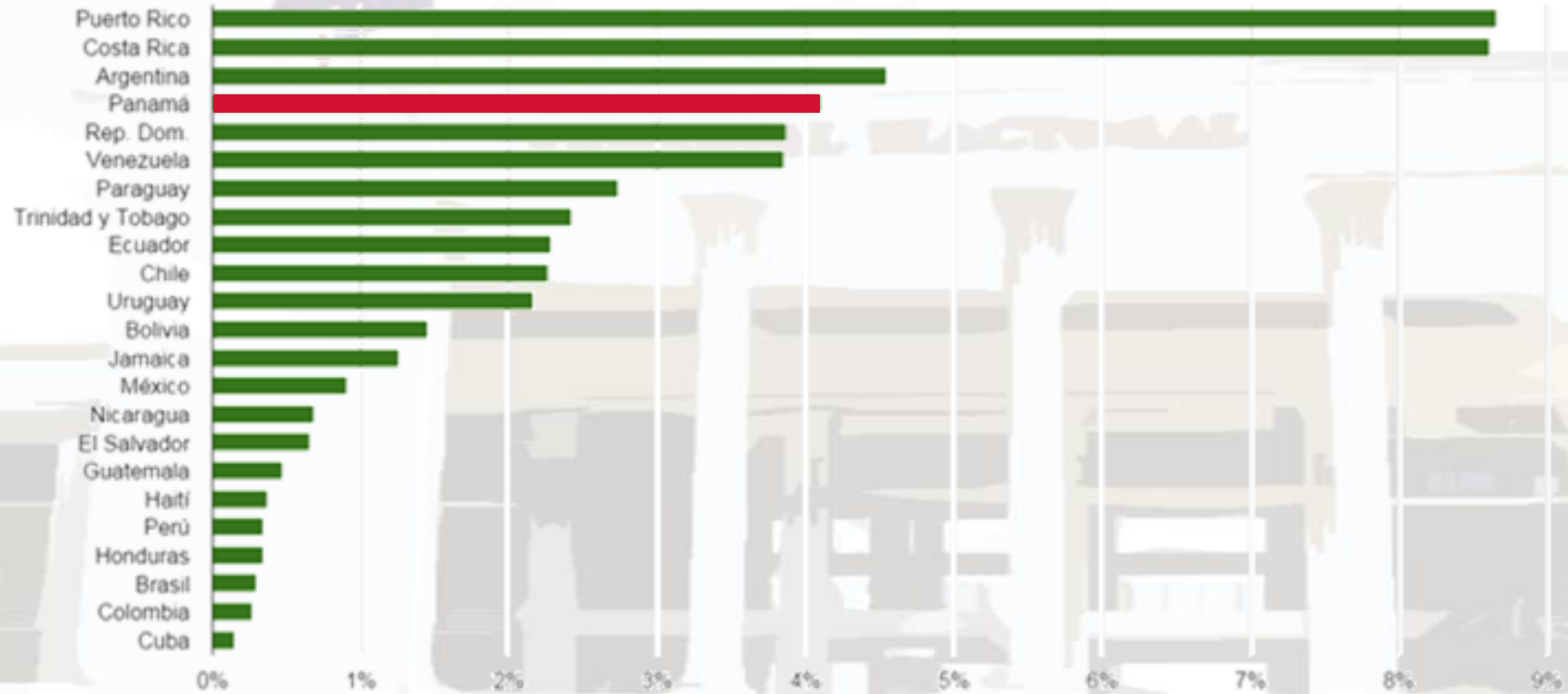


INDIGENOUS PEOPLE CENSUS (HARD ACCESS TERRITORIES)

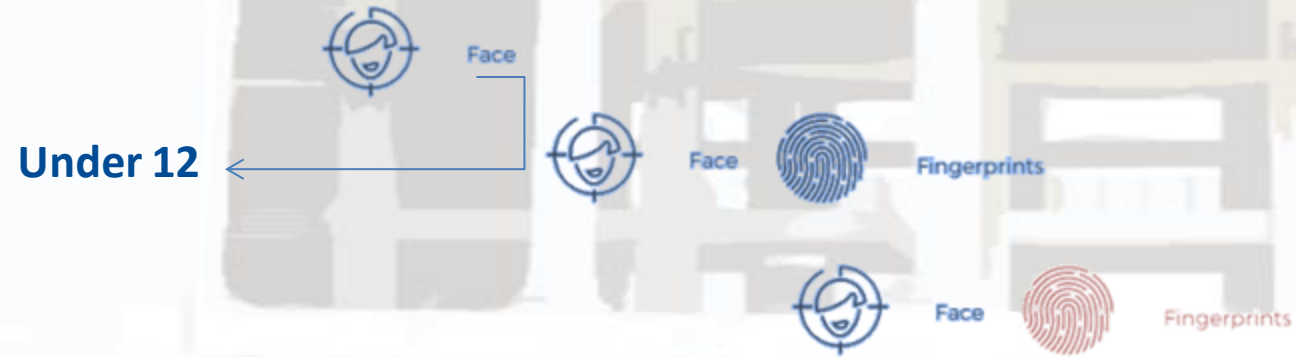


2016 → ESTIMATION OF OVER 500K PEOPLE

HIGH INMIGRATION (INFOBAE – ONU DATA _TRENDS IN INTERNATIONAL MIGRANT STOCK 2013 IN LATAM)



CHILD TO YOUTH TO ADULT

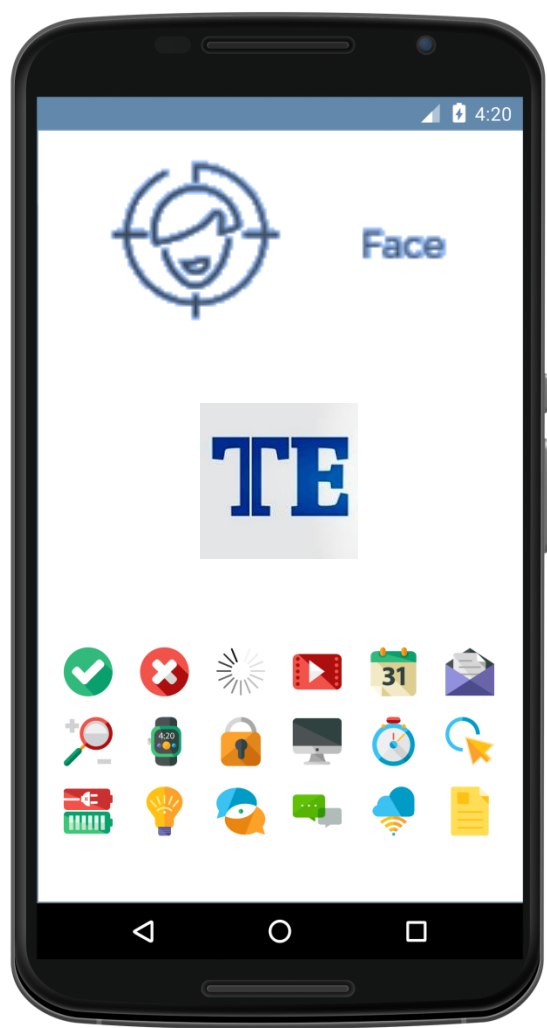


Human decision making processes

The screenshot displays a biometric identification software interface. At the top, there are control buttons for 'No Match', 'Update', 'Archive', 'Suspect', and 'Reject'. Below this, a summary bar shows 'A 47 Duplicate', 'I 47 Duplicate', 'A 46 Master', and 'I 46 Unique'. The main interface is divided into several sections:

- Summary:** Shows 'Hitlist ID: 11 / 11', 'Register Context: Show', 'Matching Fingerprints: 10/10', 'Fused Score: 100', 'Fingerprint Score: 100', and 'Portrait Score: 6.5'.
- Personal Data:**
 - Left Individual:** Photograph (6.5), Signature, Right Iris (1.5), Left Iris (4.9), and five Right Hand fingerprints (100, 63, 49, 77, 62).
 - Right Individual:** Photograph (6.5), Signature, Right Iris (1.5), Left Iris (4.9), and five Right Hand fingerprints (100, 96, 49, 77, 62).
- Central Fields:**
 - Given Names:** Frank Porter
 - Nationality:** Czech Republic
 - Gender:** Male
 - Date of Birth:** 06/09/1976
 - Personal No.:** 33752502669717439
 - Personal No. 2:** 41842666320786392
 - Branch:** Trenčín
 - Date of Expiry:** 23/01/2023
 - Date of Issue:** 17/05/2014
 - Address Line 1:** 2 Howard Rd.
 - Address Line 2:** Brooklyn, NY 1120
 - Surname at Birth:** Porter
 - Place of Birth:** Pinks Mills, Oreg.
 - Country of Origin:** Slovakia
 - District of Origin:** Prešovský
 - Country:** Czech Republic
 - District:** Vysočina
 - First ID:** Yes
 - Special Remarks:** Border Control
- Fingerprint Analysis:** Two side-by-side views of a 'Right Thumb' fingerprint. The left view shows 'Minutia Points: 63/63' and the right view shows 'Minutia Points: 63/70'. A detailed view of the fingerprint shows numerous colored dots representing minutiae points.
- Hand Sketch:** A simple line drawing of a hand, likely used for manual identification or comparison.

4. OPEN DOOR TO THE FUTURE



Iris



Face



Fingerprints



THANK YOU