EMS COOPERATIVE

EMS global workshop

Data capture, IT technical solutions, data compliance, quality reporting and monitoring tools for the electronic advance data (EAD) readiness

Berne, 13 April 2021 (12.00–15.00), CEST

International Bureau – DOP/DCTP/DCDEV

Customs-related regulatory and business requirements for the provision of ITMATT and associated electronic advance data
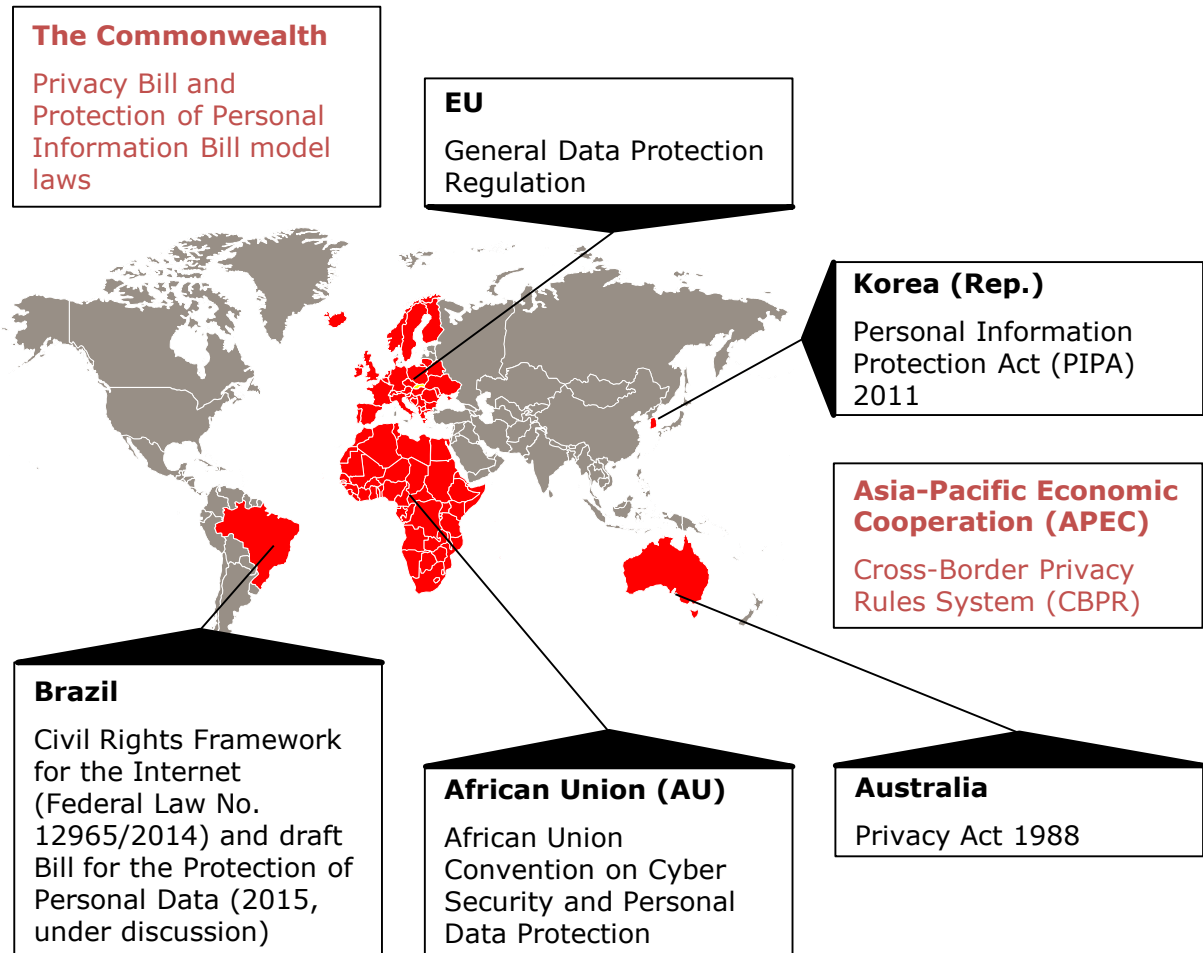
New digital reality

Today's world is data-driven

Key issues

- Postal data

- Data flows and systems

- Data protection

- Data sharing agreements (DSAs)

- Legal demands

- Social requirements (protecting customers and partners)

The Commonwealth

Privacy Bill and Protection of Personal Information Bill model laws

EU

General Data Protection Regulation

Korea (Rep.)

Personal Information Protection Act (PIPA) 2011

Asia-Pacific Economic Cooperation (APEC)

Cross-Border Privacy Rules System (CBPR)

Brazil

Civil Rights Framework for the Internet (Federal Law No. 12965/2014) and draft Bill for the Protection of Personal Data (2015, under discussion)

African Union (AU)

African Union Convention on Cyber Security and Personal Data Protection

Australia

Privacy Act 1988

Key EAD milestones for Posts (designated postal operators)

New legislation

US – Stop Act - 70% of all incoming items containing goods by 31 Dec 2018 and 100% by 1 Jan 2021 Changes to UPU Regulations (article 8) EU – ICS2, etc.

S9/S10 linking

S9/S10 linking (nested PREDES) will be required for all items (including non-tracked letter-post items containing goods)

Mandatory ITMATT

Mandatory ITMATT for all postal items containing goods

PLACI – ICS2 R1 (pre-departure)

EU Post at destination. Pre-loading item-receptacle level info needed for ICS2 (flows 1–7 of EAD model – pre-departure data sent by the origin Post, and relayed to ICS2 by EU Post at destination)

CARDIT conversion

CARDIT message must be converted to XFWB and XFHL cargo messages before filing to Customs (F42), from 2023

PLACI – ICS2 R2 (pre-arrival)

Pre-arrival consignment level for ICS2, from 2023 for airmail and from 2024 for rail, maritime and road (flow 8 of EAD model – pre-arrival data sent by carriers)
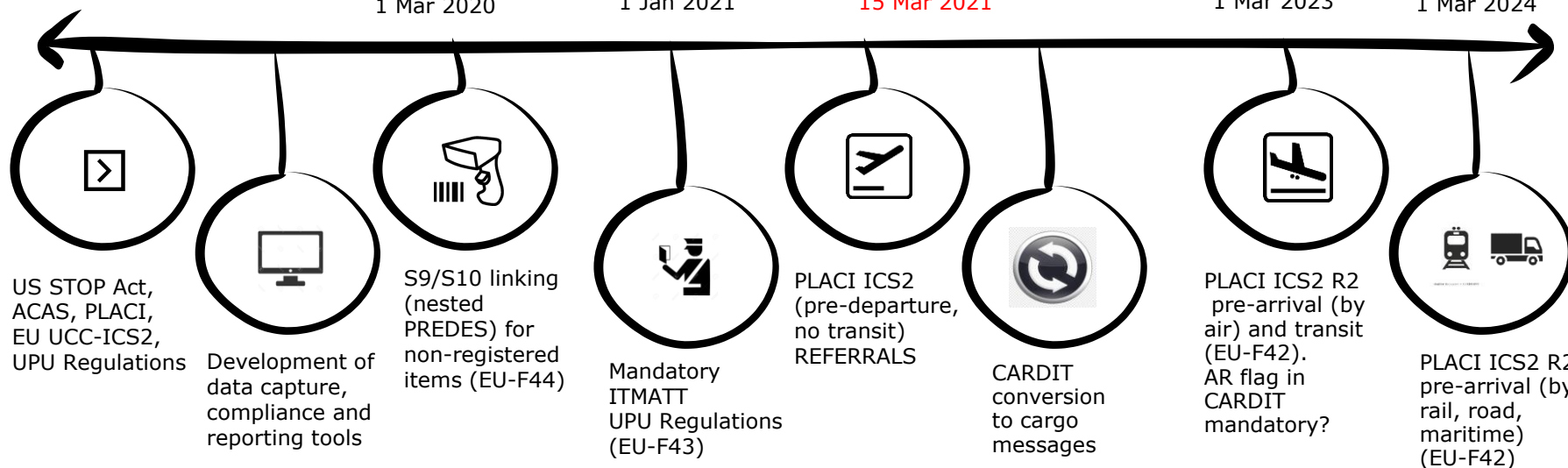
Today, S10, S9-S10 (PREDES), CN 22/CN 23/CP 72

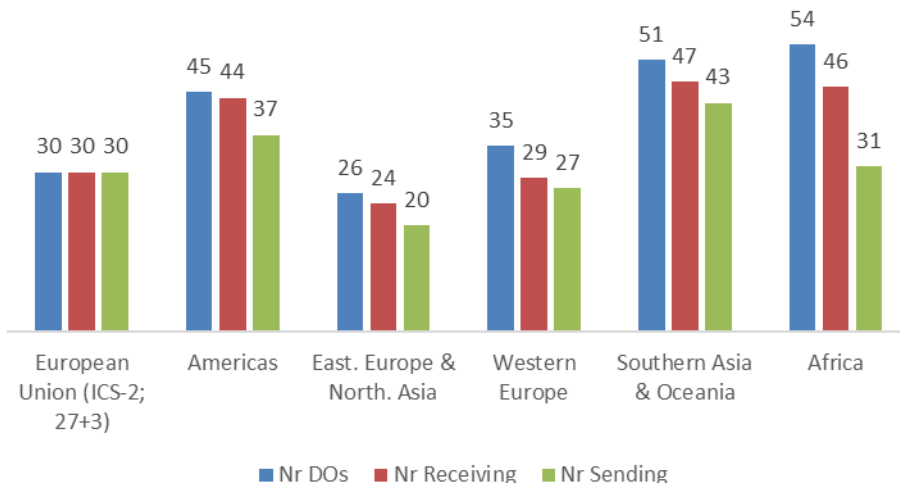| 1 Mar 2020 | 1 Jan 2021 | 15 Mar 2021 | 1 Mar 2023 | 1 Mar 2024 |

US STOP Act, ACAS, PLACI, EU UCC-ICS2, UPU Regulations

Development of data capture, compliance and reporting tools

S9/S10 linking (nested PREDES) for non-registered items (EU-F44)

Mandatory ITMATT UPU Regulations (EU-F43)

PLACI ICS2 (pre-departure, no transit) REFERRALS

CARDIT conversion to cargo messages

PLACI ICS2 R2 pre-arrival (by air) and transit (EU-F42). AR flag in CARDIT mandatory?

PLACI ICS2 R2 pre-arrival (by rail, road, maritime) (EU-F42)

2021: ITMATT, PREDES, ITMREF-REFRSP,
2021->2023: CARDIT AR FLAG, PAPERLESS TRANSPORT

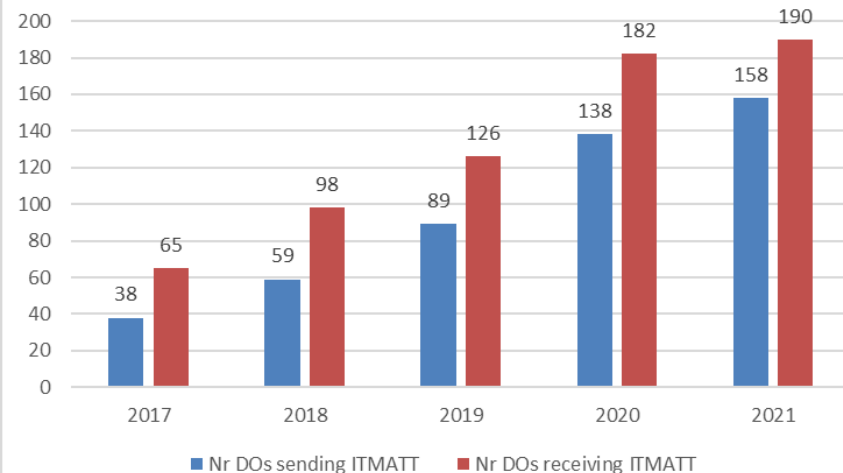UNIVERSAL POSTAL UNION

- **195 DOs** are sending PREDES (Feb' 21)

- **190 DOs** are receiving ITMATT (Feb' 21)

- **158 DOs** are sending ITMATT (Feb' 21)

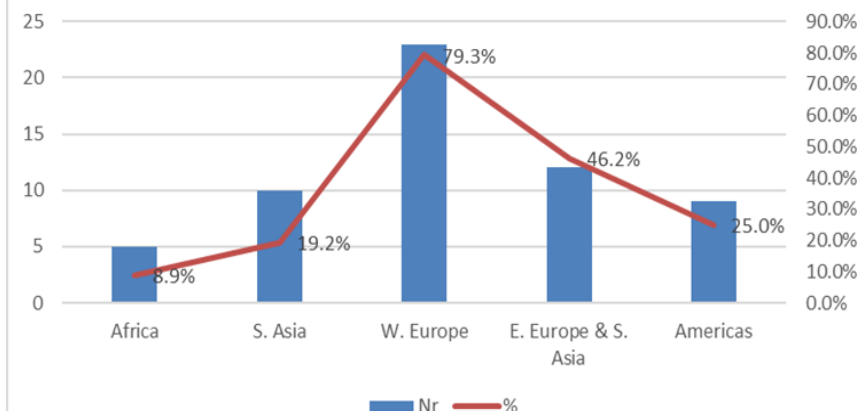- DSAs, operational, IT and equipment-related issues are the biggest obstacles to faster adoption

Evolution of ITMATT Dec 2017 - Feb 2021

Year	Nr DOs sending ITMATT	Nr DOs receiving ITMATT
2017	38	65
2018	59	98
2019	89	126
2020	138	182
2021	158	190

Operators exchanging ITMATT Messages Jan 2020 - Feb 2021

Region	Nr DOs	Nr Receiving	Nr Sending
European Union (ICS-2; 27+3)	30	30	30
Americas	45	44	37
East. Europe & North. Asia	26	24	20
Western Europe	35	29	27
Southern Asia & Oceania	51	47	43
Africa	54	46	31

Interfaces with Customs by region (nr DOs, %)

Region	Nr	%
Africa	5	8.9%
S. Asia	10	19.2%
W. Europe	23	79.3%
E. Europe & S. Asia	12	46.2%
Americas	9	25.0%

UNIVERSAL POSTAL UNION

0 – data capture

Origin Post

7 - Consignment data (including EAD flag)

CARDIT

Air Carrier

1 - CN23 data

4+ Referral acted upon (as required)

ITMATT V1

ITMREF

REFRSP

PREDES

8 - Manifest

XFWB, XFHL

Focus on EAD data capture & transmission
1 January 2021 Requirements
Flow 0 – CN23 data capture, S10, S9-S10
Flow 1 – ITMATT V1 message transmission
Flow 5 – PREDES V2.1 message transmission
Flow 7 – CARDIT EAD-flag (Q2-Q3 2021-2023)

4 – Referral / Assessment complete

5 - Dispatch data

Destination Territory

Destination Post

6 - Receptacle ID and Item ID list Subset of PREDES

4++ - Referral acted upon CUSITM V2 / ENS / bespoke

3 – Assessment complete / Referral notification

CUSRSP V2 / ENS response / MRN / bespoke

2 - CN23 data to border agency   CUSITM V1 / ENS (EU) / bespoke

Destination Customs

- **143 DOs** participating in project

- Nr of DOs sending ITMATT

  - Increased from **44 to 103**

- ITMATT & PREDES as % of total volume

  - Increased from **15% to 50%**

DOs Sending ITMATT vs. % of total PREDES
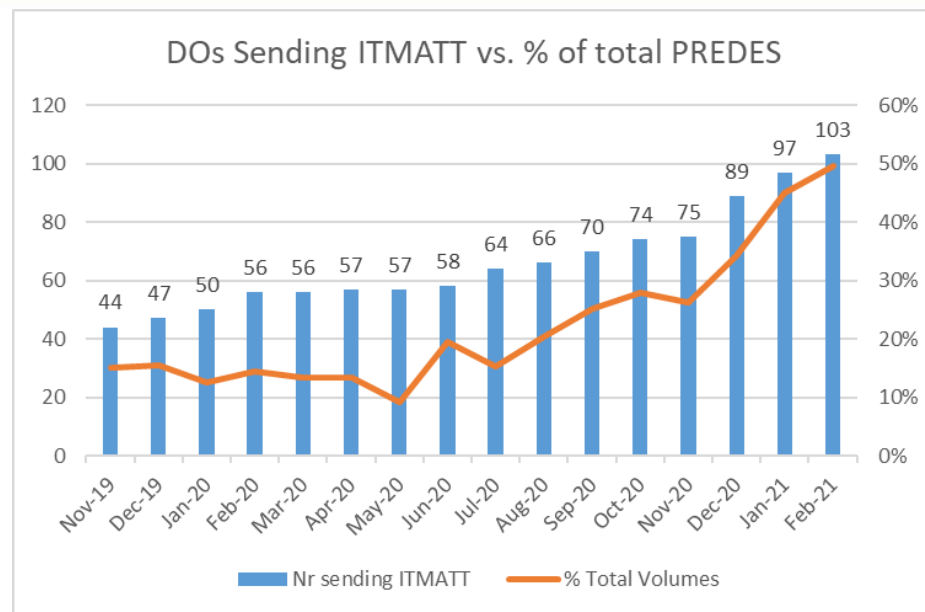
Region	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21
All	15.05%	15.52%	12.57%	14.45%	13.53%	13.41%	9.17%	19.62%	15.43%	20.51%	25.29%	28.71%	26.45%	34.41%	45.13%	49.53%
Asia Pacific	18.40%	18.87%	15.71%	17.17%	17.25%	16.79%	9.80%	24.81%	17.51%	26.13%	33.14%	36.93%	30.60%	34.93%	39.38%	45.39%
Europe	5.52%	4.48%	4.31%	7.17%	5.07%	7.04%	7.61%	8.40%	9.89%	9.76%	11.77%	14.83%	18.10%	36.50%	57.12%	58.99%
Arab Region	0.27%	0.32%	0.26%	0.16%	0.44%	0.55%	2.27%	1.92%	1.42%	3.62%	5.35%	4.62%	5.72%	10.85%	18.84%	16.23%
Caribbean	5.01%	6.31%	5.76%	5.11%	2.82%	0.43%	0.67%	1.61%	2.05%	2.55%	4.08%	6.20%	6.26%	7.25%	25.73%	31.11%
Latin America	23.64%	25.69%	22.35%	22.43%	23.07%	17.36%	18.11%	28.58%	28.75%	28.64%	34.62%	31.19%	36.50%	36.56%	38.01%	45.76%
Africa FR	1.59%	0.94%	1.49%	2.23%	1.96%	2.21%	3.44%	3.45%	2.90%	4.03%	3.79%	3.52%	4.44%	5.56%	5.01%	7.70%
Africa EN	0.43%	0.99%	1.77%	2.92%	2.99%	0.00%	0.04%	0.27%	2.39%	2.32%	3.92%	9.55%	12.92%	22.31%	41.48%	41.68%

**Focus on ITMATT and PREDES (S9-10) in Phase 1: proposed 11 steps**

1   Prioritize top 5-10 partner destination/transit DOs (in terms of volume/requirements):
    Using EAD Compendium (list of contacts and requirements), Quality Control System (QCS).

2   Sign DSAs as required with top 5-10 partner DOs (in terms of volume/requirements).

3   Enforce use of S10 and CN 22/CN 23 on all small packets at post offices.

4   Train staff to review correct completion of CN 22/CN 23/CP 72 at post offices: Use WCO–UPU data capture guidelines for this purpose.

5   Roll out CDS/CDS.POST online training and production.

6   Ensure CDS.Web manual checks and data capture capability at offices of exchange:

    –   By mail class (EMS -> Parcels -> Small packets);

    –   By partner (start enforcing compulsory EAD with top 5-10 partner DOs in terms of volume).

7   Enforce IPS scanning of all small packets at dispatch at offices of exchange (PREDES S9-S10).

8   Plan the introduction of pilot post offices with capture of customer (sender) data.

9   Conduct procurement for pilot post offices:

    –   Analyze providers and obtain offers, invoice and equipment;

    –   Submit documentation (offers and invoices).

10 Train staff at pilot post offices to link customer data with S10/ITMATT.

11 Install equipment at pilot post offices and roll out pilot.

8
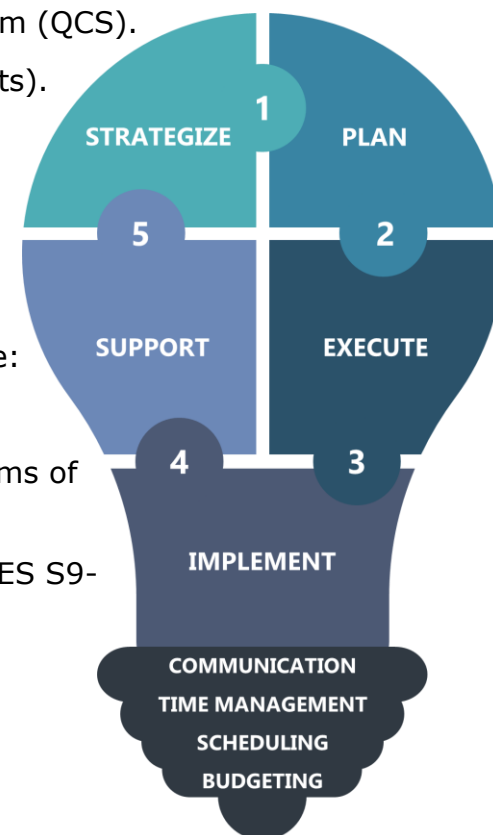
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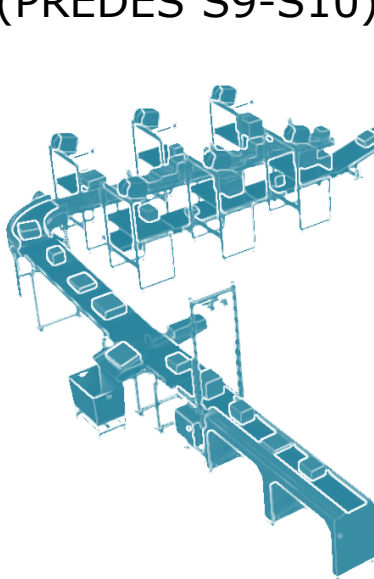
| CDS | CUSTOMS DECLARATION SYSTEM | Log out | Change password | Help |

Welcome to the CDS, CH_POST from Swiss Post!

| Home | Create declaration for outbound item at post | Back |

Item id * [   ] Ok

CDS 2020 SP2 (2018.4) © Universal Postal Union

Focus on data capture at source, compliance monitoring and quality

Manual data capture : **Handwritten forms** ⟶ *Data capture at source :* **Printed Labels**
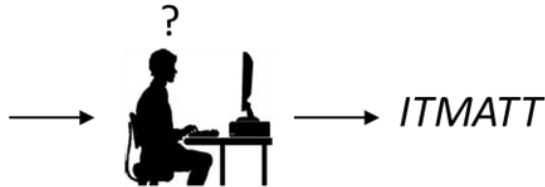
Pilot post office concept set-up
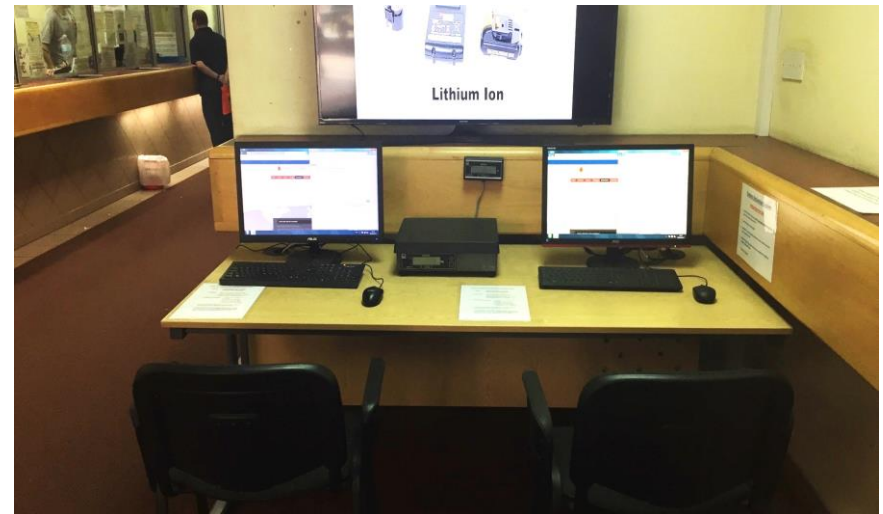
- CDS.post Implemented ✓
- Equipment deployed ✓
- UPU EAD Mobile App ✓

CDS implementation at
Guyana Post Office Corporation (GPOC)
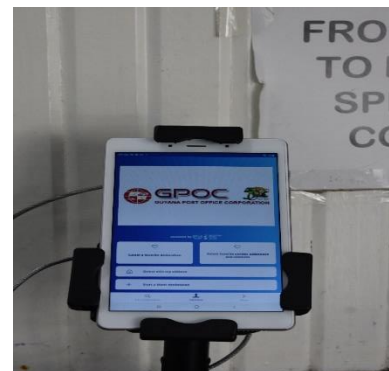
Thank you!

Noor Adan
Supply Chain Coordinator

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