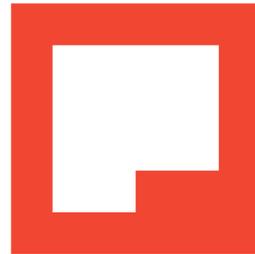
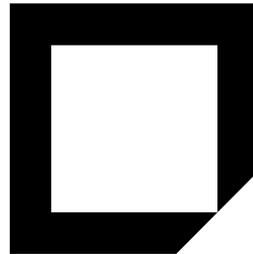
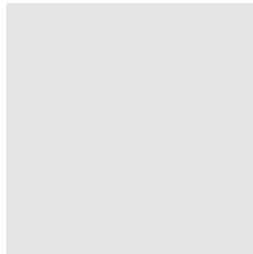
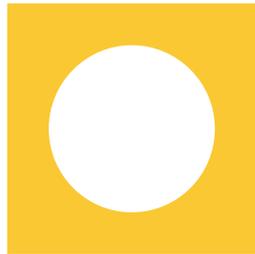
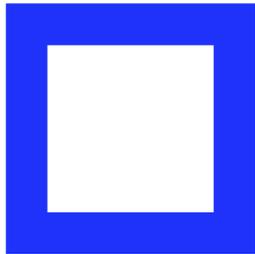




Webinar: Managing Cargo Digital Connectivity using IATA EPIC



24 August 2021

<https://epic.iata.org/>



Webinar Presenters



Sam Okpro
Owner & Managing
Director, PRO Air
Cargo Consulting



Tahir Syed
Manager TACT
Operations,
IATA



Rani George
Senior Manager
Customs & Authorities,
Lufthansa Cargo



Klaas Kurz
Carrier Connectivity
Manager,
Schenker AG



Filippo Passeggeri
Senior Manager, Head
of Cargo IT,
Cargo Start srl



Ouassim Gahbiche
Team Lead ASYCUDA
WORLD,
UNCTAD

Webinar Agenda

15:00 – 15:05	Welcome & Opening Remarks Sam Okpro, Owner & Managing Director, PRO Air Cargo Consulting
15:05 – 15:15	Setting the Scene Tahir Syed, Manager TACT Operations, IATA
15:15 – 15:30	Airline Digital Connectivity & where does EPIC fit in? Rani George, Senior Manager Customs & Authorities, Lufthansa Cargo
15:30 – 15:45	Where can I find the technical capabilities of my business partners and reach out to the right contact for establishing digital connectivity? Klaas Kurz, Carrier Connectivity Manager, Schenker AG
15:45 – 16:00	How EPIC is helping the IT Companies/Cargo Community System providers to streamline partner registration and distribution processes? Filippo Passeggeri, Senior Manager, Head of Cargo IT, Cargo Start srl
16:00 – 16:15	How EPIC is contributing in successful implementation of Customs/Governments ACI/PLACI initiatives? Ouassim Gahbiche, Team Lead ASYCUDA WORLD, UNCTAD
16:15 – 16:30	Q&A and Closing Remarks



Welcome & Opening Remarks

sokpro@procargoconsulting.com



Sam Okpro

Setting the Scene

syedt@iata.org



Syed Tahir Hasnain

Reliance on Digital Data Exchange

Air Cargo Stakeholders	Business Functions
Freight Forwarder <-> Freight Forwarders	Commercial Invoice, Packing list, Certificate of Origin, Shipper Letter of Instructions etc.
Freight Forwarder(FF) <-> Airline	Flight Schedule, Air Waybill Stock, Rates, Capacity, Booking, Tracking, Declarations (Security, DG), ULD Manifest, Shipment Tender etc.
Postal Operators <-> Airline	Postal Mail (Receptacles), Security Declarations, Tracking, data filing etc.
Airline <-> Ground Handlers	Flight Schedule, Flight Planning, Warehouse Acceptance, Flight Manifestation, Flight Movement, Shipment Tracking, Irregularity, Aircraft movement etc.
FF/Airline <-> Customs/Govt	Advance Cargo Information (Master/House), Security Declaration, Custom Notifications (hold, DNL,OK) etc.
Airline<->Airline	Interline booking, Special Prorate Agreements etc.
FF/Airline<->IT Companies	Message routing, translation and customs connectivity



Common Questions about Digital Connectivity

- How can I connect with my partners?
- How would I know my partners use which data standards?
- How can I share my preferences with my partners?
- Am I connected with partners using the most effective & feasible method?
- Who is the contact at my partner e.g. UK Customs?
- Which IT companies provide messaging services & how should I contact them?

3 Pillars of Digital Data Exchange

Pillar - I

Identification
and Addressing

Pillar - II

Connectivity
Method

Pillar - III

Messaging/Data
Standards

Digital Data Exchange Framework



Identification Schemes

Pillar - I

Identification
and Addressing

Pillar - II

Connectivity
Method

Pillar - III

Messaging/Data
Standards

Digital Data Exchange Framework

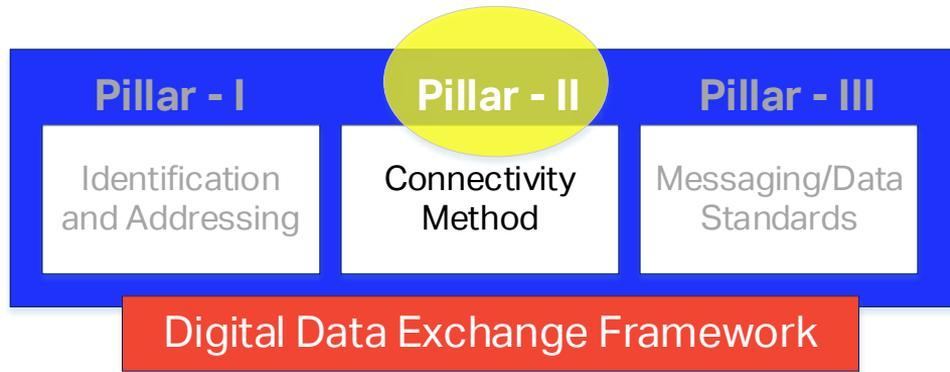
- Tele Type Addressing (TTY)
- Auxiliary Codes Addressing (AUX)
- Participant Identification and Message Addressing (PIMA)
- Third Party Reference (TPR)
- Cargo Account Settlement Systems (CASS)
- D-U-N-S Number
- Postal Operator Identifications (IMPC Codes)

Do all stakeholders have permanent Identification globally?



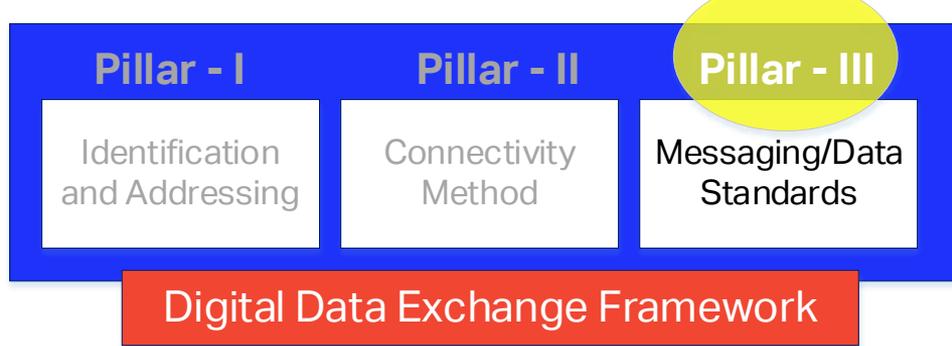
Connectivity Methods

- [FTP](#) File Transfer Protocol
- [SMTP](#) Simple Mail Transfer Protocol
- [HTTP\(S\)](#) (Secure) Hyper Text Transfer Protocol
- [SFTP](#) Secure File Transfer Protocol
- [POP](#) Post Office Protocol
- [Web Services](#) HTTP-based web services
- [SOAP](#) Simple Object Access Protocol
- [MATIP](#) Mapping of Airline Traffic over Internet Protocol
- [AS1/AS2 /AS4](#) Applicability Statement 1/2/4
- [Type B/X](#) SITA's Type B/X Messaging/Distribution Service
- [MQ Series](#) messaging middleware
- [3rd Party](#) IT Companies/CCS providers



Standards

- IATA Standards
- WCO Standards
- UPU Standards
- UN Standards
- Customized data standards by individual governments



What is IATA EPIC?

“ A Global database for maintaining & distributing air cargo stakeholders’ digital connectivity setups”

Accessible through a web portal and webservice

1. **Search** IDs, connectivity options, supported standards & contacts
2. **Distribute** your details through a robust mechanism to partners
3. **Generate permanent IDs** for each stakeholder
4. **Share Capabilities**, supported data standards e.g. C-IMP, Cargo-XML
5. **Establish** Business Partnerships
6. **Setup Lookup Service** to obtain partners IDs and routing information
7. **Access Control**, Full authority over your data



Enhanced Partner Identification and Connectivity (EPIC) System

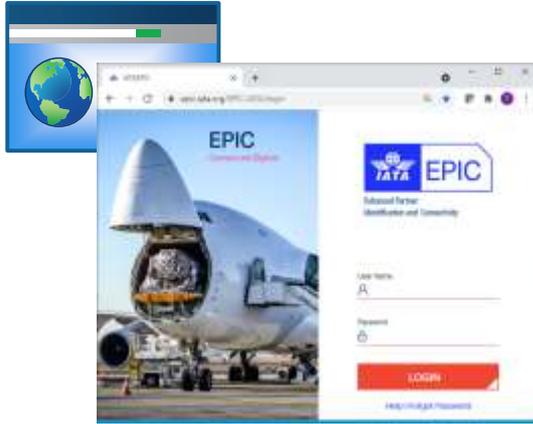
<https://epic.iata.org>

IATA EPIC Functionalities



How It Works?

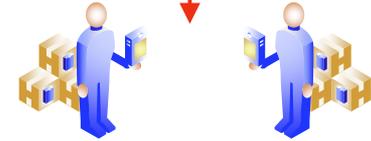
IATA EPIC Web Portal



Airlines, FFs, GHAs etc.

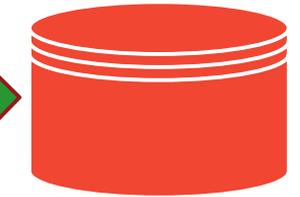
IATA EPIC Lookup Service

Web Service/API,
XML Registration for Cargo Partner (XRCP) Message
Email Alerts, Data Download etc.



Airlines IT Dept, FFs,
IT Companies etc.

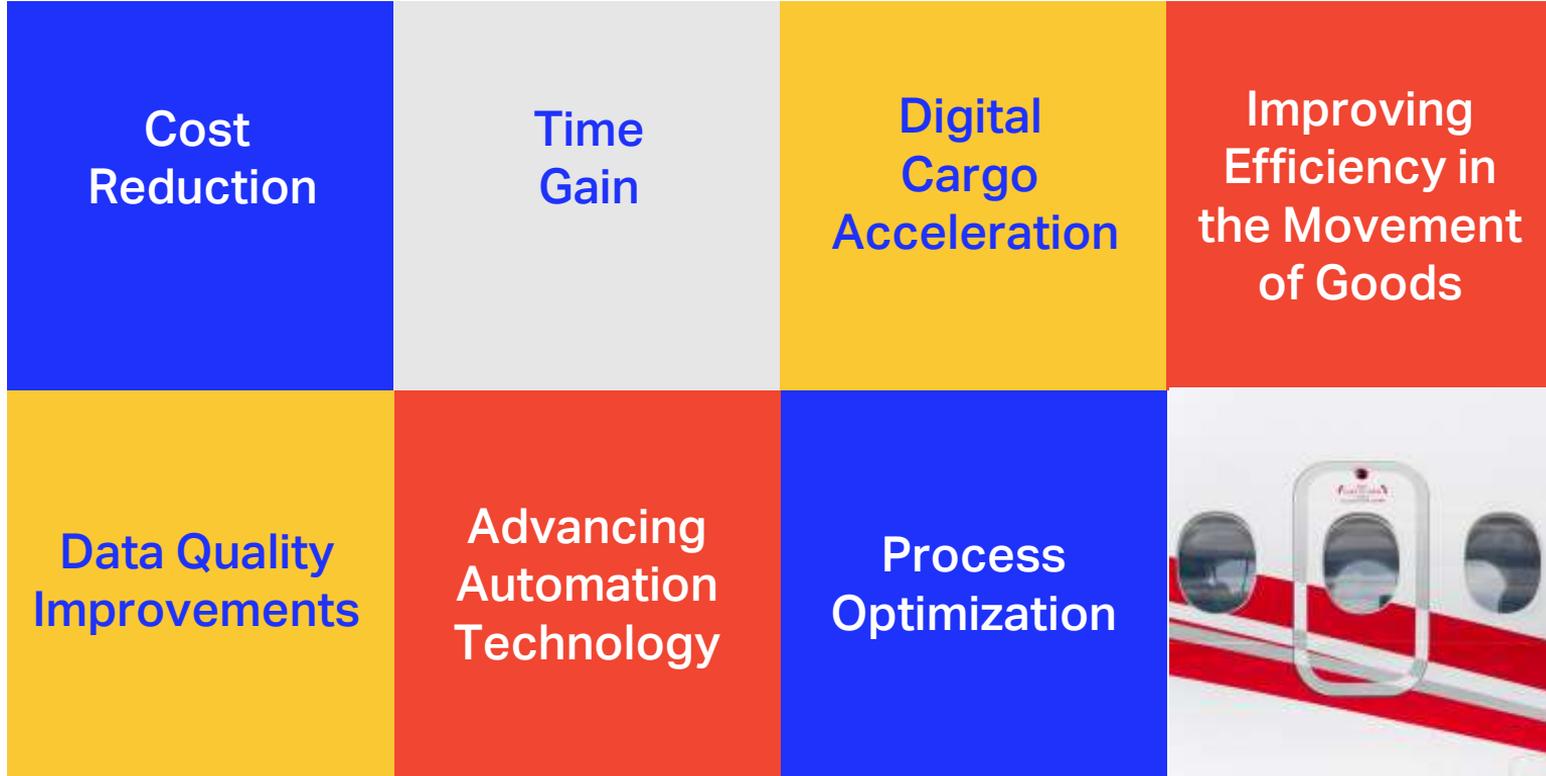
CCS(s)



EPIC Centralized
Repository



EPIC Benefits



Airline Digital Connectivity

rani-samantha.ramanayake@dlh.de



Rani George



Airline Digital Connectivity Outlook

The epitome of diversity

- As Cargo carrier we digitally connect to
 - 5000+ Freight forwarders
 - About 200 GHAs at different stations, GSAs
 - 100+ Postal Operators
 - About 100 Airlines (Interline & CAL)
 - Several Customs Authorities

- Connectivity options challenge us with
 - Multiple CCSs
 - 5 different communication protocols
 - Many messaging standards such as CIMP, CXML, UPU, WCO etc.
 - Different versions within the messaging standards such as FWB 9, FWB 16



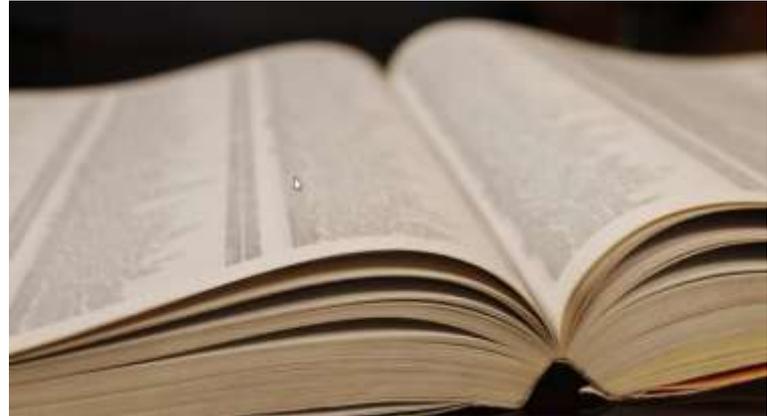


Current process and challenges

Has anyone seen the phone directory?

- Identify contact
- Exchange on options via phone/Email
- Decide on option
- Set-up/testing
-

- Up to date?
- Outdated profiles
- Unnecessary messages sent





Digital Connectivity

What are requirements

- Efficiency
- Push principle: be informed of changes proactively
- Single process/source of information
- Detailed information (e.g. including message version)



The EPIC solution – functionalities

What it can do

- Maintain your capabilities

The screenshot displays a web form for maintaining capabilities. On the left, a dropdown menu titled 'Standard Type *' is open, showing a list of options: 'Cargo-XML', '--Select--', 'Cargo-IMP', 'Cargo-IQ', 'Cargo-XML' (highlighted in blue), 'UPU', and 'WCO'. A mouse cursor is positioned over the 'Cargo-XML' option. To the right of the dropdown are three input fields: 'Standard Name *' (containing '--Select--'), 'Capability *' (containing '--Select--'), and 'Business Rules/Additional Info' (empty).

- Contact/technical contact
- Search
- Distribute
- Measure SLA through Dashboard



The EPIC solution – functionalities

What it can do

- Search partners not only by name, but by capability

The screenshot shows the EPIC (Enhanced Partner Identification and Connectivity) search interface. At the top, there is a blue header with the IATA and EPIC logos, and the text "Enhanced Partner Identification and Connectivity". Below the header is a navigation bar with tabs: DASHBOARD, PROFILE, LOCATION, SEARCH (highlighted in red), and PARTNERSHIPS. The main content area is titled "Search" and contains a search form. The form has several input fields and dropdown menus. A dropdown menu is open on the left, showing a list of search types: --Select--, Airline, CDS/IT Company, CONSIGNEE, CUSTOM/WSEC/GOVT, Freight Forwarder, and Ground Handler. The search form includes fields for Name (with a sub-label "(ID/FM/ATY/EMAIL etc.)"), Standard (set to "Cargo-XML"), Message Name (set to "XFFM-Flight Manifest"), CASS Number (with an example "Exp: 011-4 71500072"), Country, and City/Location. A red "SEARCH" button is located at the bottom right of the form.



The EPIC solution – functionalities

What it can do

- Distribute information easily

The screenshot displays the 'Location Setup' interface with a 'Distribute ID' dialog box open. The dialog box contains the following fields and options:

- Selected IDs:** FRAFM, LH
- Account Types *:** A dropdown menu with options: --Select--, Airline, CCS/IT Company, CONSIGNEE, CUSTOM/AVSECKGOVT, Freight Forwarder, and Ground Handler.
- EPIC Accounts:** A text input field.
- Remarks:** A text input field.

The background interface shows a table with columns for 'Type', 'Office(Location)', and 'ID Type'. The table contains one record for 'LUFTHANSA CARGO' with 'IATA - 2 letter' as the ID Type. The 'DISTRIBUTE' button is highlighted in red at the bottom right of the dialog box.



The EPIC solution - benefits

Why EPIC

- Easy to set up
- Visibility
- Full control over data (choose who sees what)
- Distribution function (inform your contact about changes with one click)
- „Phone Directory“
- Entire Cargo Community at your fingertips (Airlines, FF, GHAs, CCSs, Customs....)

Freight Forwarder Digital Connectivity

klaas.kurz@dbschenker.com



Klaas Kurz



Global IT Management Air / Ocean

EPIC Webinar

Enhanced Partner Identification and Connectivity

24-Aug-2021



Common Challenges for Freight Forwarders.



The entire industry is not operating with the same messaging standards.

Freight Forwarders Role in digital connectivity.

Stakeholders

Information Exchange

Document Exchange



How DB Schenker is benefitting from  P10.

Common place for PIMA details
Capabilities of Business Partners
Contact details
Distribution (EPIC and Non-EPIC users)
Full Control over your data

Fact and Figures.

Airlines

< 100

Branch Locations

< 250

Active Shippers

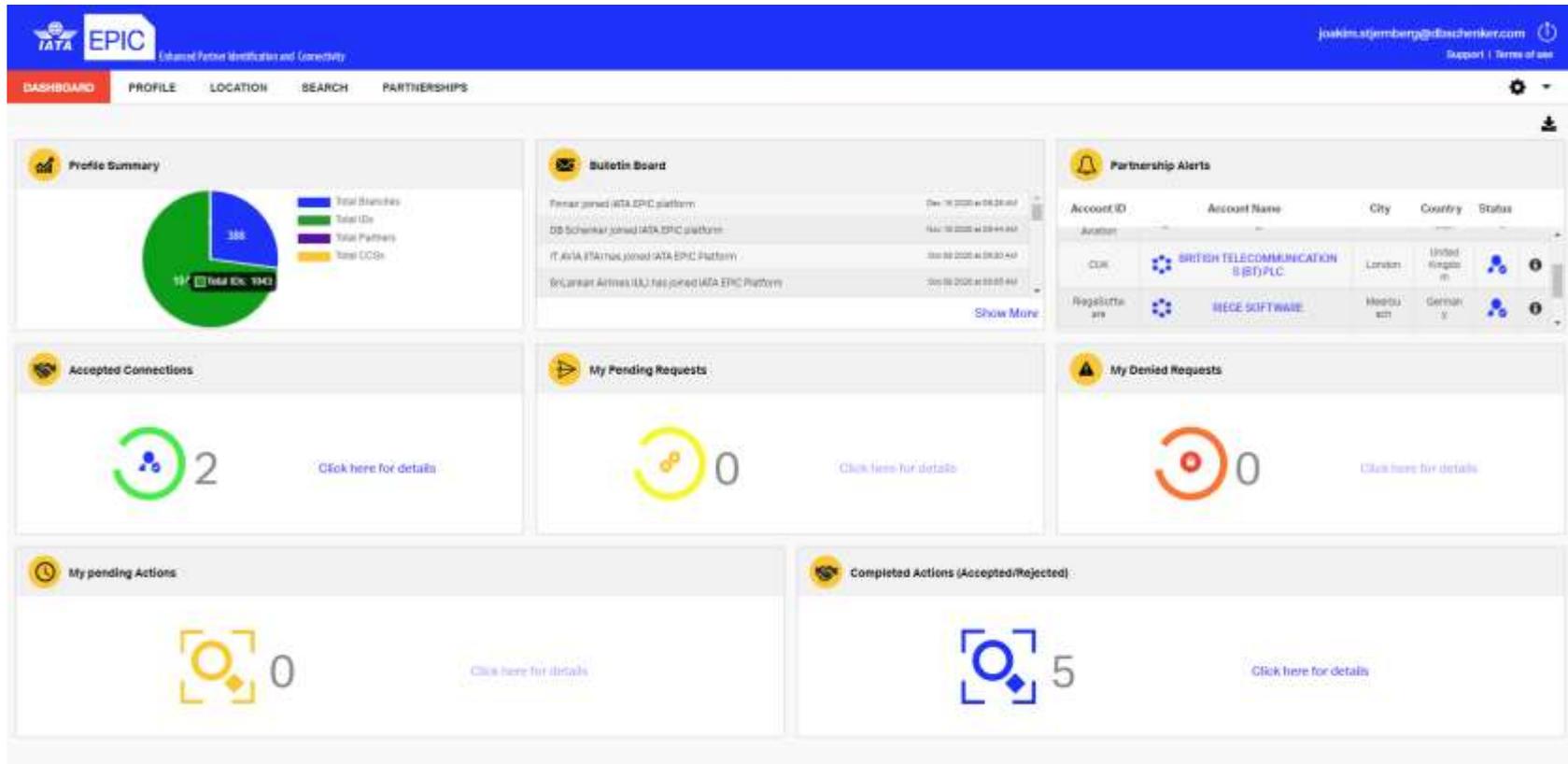
< 1000

Customs/Govts

1 (self-filing)



Epic Dashboard.



Location of Branches.

IATA EPIC Enhanced Partner Identification and Connectivity

jakim.stjernberg@dschenker.com Support | Terms of use

DASHBOARD PROFILE **LOCATION** SEARCH PARTNERSHIPS

Location Setup

ADD LOCATION UPLOAD LOCATIONS

Total Records : 388 (Freight Forwarders : 388)

Type	Office(Locater)	Country	City	Address	CASS Number	Local Contact	Connectivity
>	SCHENKER INDIA PVT LTD.	IN	DEL	L-SC-PT Jagan Nath Complex, Arund Bhawan, Mehrauli	14-3 0178/6	SHOW DETAILS	2
>	SCHENKER INDIA PVT LTD.	IN	HYD	PG Road, Secunderabad, Andhra Pradesh, 1-B-303/40 2nd Floor Raj Plaza	14-3 0178/6	SHOW DETAILS	3
>	SCHENKER INDIA PVT LTD.	IN	MAA	1st Floor, MKM Chambers, 42, Kodambakkam High RD, Nungambakam	14-3 0178/6	SHOW DETAILS	3
>	SCHENKER INTERNATIONAL	IL	TUV	Northern Industrial Zone Ltd. 8 Hamelacha Street	37-4 7045/6	SHOW DETAILS	1
>	SCHENKER INTERNATIONAL (HQ) LT D	HK	HKG	38/F, China Resources Building, 26 Harbour Road, Wancho	33-1 195/13	SHOW DETAILS	3
>	SCHENKER INTERNATIONAL (HQ) LT D	HK	HKG	38/F, China Resources Building, 26 Harbour Road, Wancho	13-3 1185/13	SHOW DETAILS	3
>	SCHENKER INTERNATIONAL MACAU LTD	MO	MFM	8 Andar M.EDE, The Macao Square, Avenida Do Infante D Henrique, No. 43-53a	0 - /NL	SHOW DETAILS	3
>	SCHENKER INTERNATIONAL NEDE ILAND BV.	NL	AMS	Fokkerweg 300	37-4 7021/0011	SHOW DETAILS	3
>	SCHENKER INTERNATIONAL NEDE ILAND BV.	NL	AMS	Fokkerweg 300	37-4 7001/0003	SHOW DETAILS	2
>	SCHENKER INTERNATIONAL NEDE ILAND BV.	NL	MST	Vliegvelweg 6	37-4 7021/0193	SHOW DETAILS	3

General & Location Contact details.

The screenshot displays a web application interface for managing location contacts. The main content area shows a table with columns for location details and a 'SHOW DETAILS' button for each row. A modal window titled 'Location Contact Details' is open, providing specific information for a contact at Schenker International Nederland B.V.

Location	CASS Number	Local Contact
Schenker International Nederland B.V.	14-3 0178/6	SHOW DETAILS
Schenker International Nederland B.V.	14-3 0178/6	SHOW DETAILS
Schenker International Nederland B.V.	14-3 0178/6	SHOW DETAILS
Schenker International Nederland B.V.	37-4 7040/RL	SHOW DETAILS
Schenker International Nederland B.V.	23-1 155/13	SHOW DETAILS
Schenker International Nederland B.V.	13-3 1195/13	SHOW DETAILS
Schenker International Nederland B.V.	0- /NL	SHOW DETAILS
Schenker International Nederland B.V.	37-4 7021/0011	SHOW DETAILS
Schenker International Nederland B.V.	37-4 7021/0003	SHOW DETAILS

Location Contact Details

SCHENKER INTERNATIONAL NEDERLAND B.V.
Fokkerweg 300, AMS, Netherlands

Contact
Tel +46766855010
joakim.stjernberg@dbschenker.com

MOBILE CONTACT

General contact
Customer Services, Integration Specialist
Tel +46766855010
info@skn.com/netherlands@skn@dbschenker.com

Technical contact
Skid Hub, Integration Specialist
Tel +461511742202
info@skn.com/technical@skn@dbschenker.com

Search functionality.

The screenshot displays the EPIC (Educational Partner Identification and Connectivity) search interface. The top navigation bar includes 'DASHBOARD', 'PROFILE', 'LOCATION', 'SEARCH' (highlighted), and 'PARTNERSHIPS'. The search filters are as follows:

- Type: Airline
- Name: [Empty]
- ID (MATTYEMAL etc.): [Empty]
- Standard: Cargo-XML (dropdown menu is open showing options: --Select--, Cargo-IMP, Cargo-ID, Cargo-XML, LFP, WCO)
- Message Name: --Select--
- HOO: [Checked]
- EPIC users only: [Checked]
- Domain Name: [Empty]
- CASS Number: Egr 01-4 7158/0072
- Country: --Select--

A red 'SEARCH' button is located to the right of the filters. Below the filters, the results are displayed in a table with the following columns: Type, Office(location), Country, City, [Address/Location], Capability, CASS Number, Local Contact, and Connectivity. The table shows 6 records for Airlines.

Type	Office(location)	Country	City		Capability	CASS Number	Local Contact	Connectivity
> +	AEROLINEAS ARGENTINAS	AR	BUE	Av. Rafael Obligado - Aeropuerto Jorge Newbery - Td Pto 6	CAPABILITIES(4)		SHOW DETAILS	2
> +	GOL LINHAS AEREAS S.A.	BR	RIO	Aeroporto Galeão	CAPABILITIES(1)		SHOW DETAILS	2
> +	KLM CARGO	NL	SPL	P.O. Box 7700 Schiphol Airport	CAPABILITIES (5)		SHOW DETAILS	1
> +	LUFTHANSA CARGO	DE	Frankfurt am Main	Tor 21, Bldg. 322	CAPABILITIES(8)		SHOW DETAILS	2
> +	QATAR AIRWAYS	QA	Doha	Old Airport Road	CAPABILITIES (23)		SHOW DETAILS	8
> +	SWISS WORLD CARGO HOO	CH	GVA	Swiss International Air Lines Ltd. P.O. Box ZHXLX/CBGFW/D CH-8058 Zurich Airport	CAPABILITIES(5)		SHOW DETAILS	4

Capabilities of the Business Partner.

 **EPIC** Enhanced Partner Identification and Connectivity

joakim.ajferberg@dbschenker.com | Support | Terms of use

DASHBOARD PROFILE LOCATION **SEARCH** PARTNERSHIPS

Capabilities (Qatar Airways)

Standard Type	Standard Name	Standard Versions	Capability	Conversion	Business Rules/Additional Info	Last Updated On
Cargo-XML	XFZB-House Waybill	3.00	BOTH	No		Jan 20 2020 at 09:47 AM
Cargo-XML	XFWS-Waybill	3.00	BOTH	No		Jan 20 2020 at 09:47 AM
Cargo-XML	XFHL-House Manifest	3.00	BOTH	No		Jan 20 2020 at 09:47 AM
Cargo-XML	XFBU-Status Message	3.00	TRANSMIT	No		Jan 20 2020 at 09:47 AM
Cargo-XML	XPNM-Response Message	3.00	BOTH	No		Mar 19 2020 at 12:02 PM
Cargo-IMP	FWB-Air Waybill Data	16.17	BOTH	No		Jan 29 2020 at 08:30 AM
Cargo-IMP	FSU-Status Update	14	BOTH	No		Jan 29 2020 at 08:30 AM
Cargo-IMP	FMA-Message Acknowledgement	0	BOTH	No		Jan 29 2020 at 08:30 AM
Cargo-IMP	FFR-Air Waybill Space Allocation Request	6.7	RECEIVE	No		Jan 29 2020 at 08:30 AM
Cargo-IMP	FXX-Cancellation	2	BOTH	No		Jan 20 2020 at 09:47 AM
Cargo-IMP	FFA-Air Waybill Space Allocation Answer	4	TRANSMIT	No		Jan 20 2020 at 09:47 AM
Cargo-XML	XFBL-Freight Booked List	3.00	TRANSMIT	No		Mar 19 2020 at 12:03 PM
Cargo-XML	XPFM-Flight Manifest	2.00	TRANSMIT	No		Mar 19 2020 at 12:32 PM
Cargo-IMP	FSA-Error	1	BOTH	No		Jan 20 2020 at 09:47 AM
Cargo-IMP	FSR-Status Request	0	RECEIVE	No		Mar 19 2020 at 12:04 PM
Cargo-IMP	FVR-Schedule and Availability Information Request	1	RECEIVE	No		Jan 20 2020 at 09:47 AM
Cargo-IMP	FSA-Status Answer	14	TRANSMIT	No		Jan 20 2020 at 09:47 AM
Cargo-IMP	FVA-Schedule and Availability Information Answer	2	TRANSMIT	No		Jan 20 2020 at 09:47 AM
UPU	RESKIT	1.2	RECEIVE	No		Apr 28 2020 at 10:14 AM
UPU	CARDIT	1.2	RECEIVE	No		Apr 28 2020 at 10:14 AM
UPU	RESKIT	1.2	RECEIVE	No		Apr 28 2020 at 10:14 AM

Thank you

CCS Providers and Digital Connectivity

f.passeggieri@cargostart.net



Filippo Passeggieri



CARGO START

Filippo Passeggeri

Head of Cargo IT

f.passeggeri@cargostart.net

EPIC WEBINAR

August 24, 2021

“How EPIC is helping the IT Companies/Cargo Community System providers to streamline partner registration and distribution processes?”

CargoStart in Pills

Our Mission: Guiding air cargo players through the digital transformation journey

About US

A leading Cargo Community System provider (CCS) supplying advanced solutions to the air cargo industry.

Our Services

- CargoGate
- Handler Gate
- Start City
- StarTracking 

Some Figures

- 180+ Connected FFW
- 20+ Countries
- 3.8M+ Yearly Electronic msgs
- 120+ Airlines
- 30+ interfaced SW Vendors

We are part of the IATA working groups

CDCWG

Cargo Digital Connectivity Working Group

CARGOiQ 

CMWG

Cargo Messaging Working Group

© MMXXI Cargo Start - www.cargostart.net



About ME

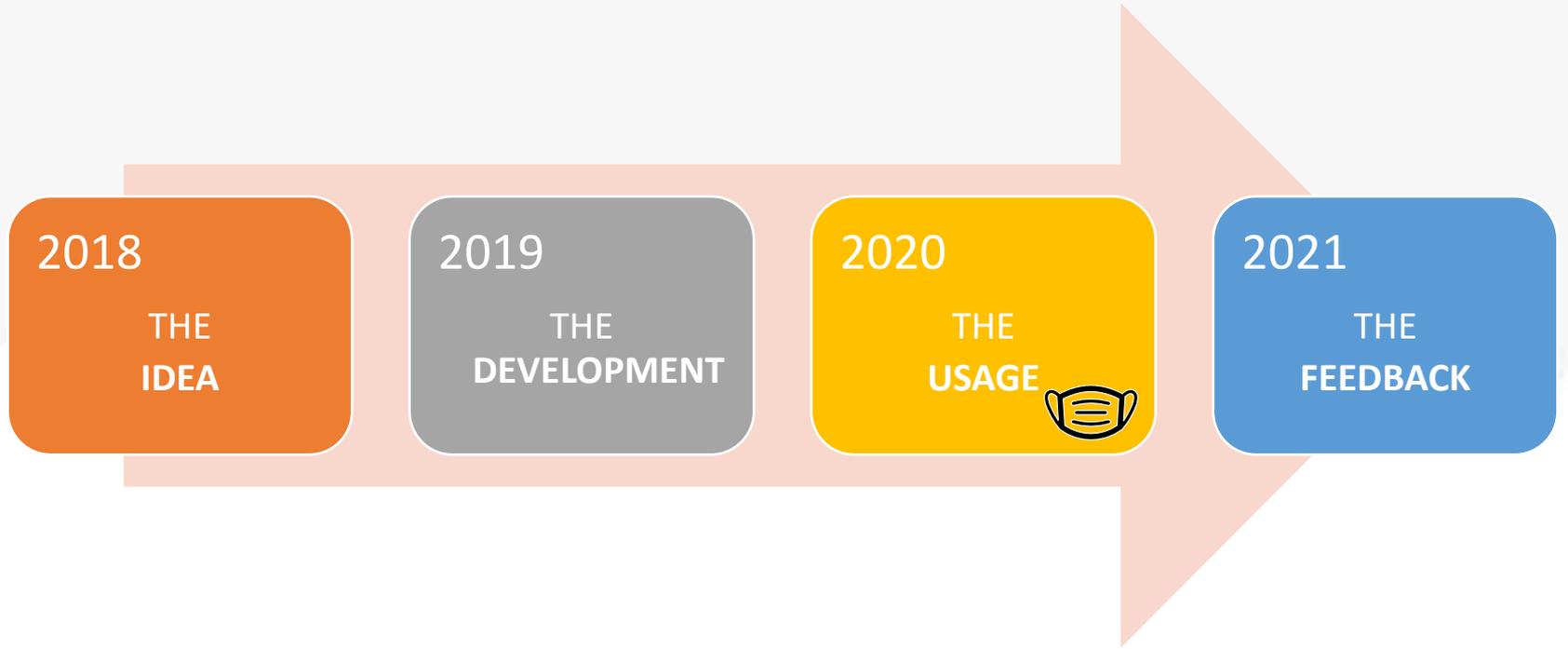


Filippo Passeggeri

Senior Manager, Head of Cargo IT at
Cargo Start srl



My EPIC Timeline



HOW DO WE USE EPIC?

(As an IT Provider)



Some of our **duties**



Registration



I knight thee, Cargo Start

Now....



Registration



Forwarder

Cargo Start

I knight thee, Cargo Start

Now....

WHEN
AM I GOING
TO START EXCHANGING
eMESSAGES?



& DISTRIBUTION (PROPRIETARY)



How we use **EPIC** as an IT Provider



Distribution



Partner Registration



DISTRIBUTION VIA EPIC

The screenshot displays the 'Distribute ID' workflow in the EPIC system. The main navigation bar includes 'IDENTIFICATION', 'SEARCH', 'PARTNERSHIPS', and 'AUTHORIZE'. The 'Distribute ID' section is active, showing a dropdown menu for role selection with options: --Select--, Airline, CCS/IT Company, CONSIGNEE, CUSTOM/AVSEC/GOVT, Freight Forwarder, and Ground Handler. Below this, there are fields for 'Account Types *' (with a dropdown of --Select--), 'EPIC Accounts' (with a dropdown of Choose), and a large empty text area. At the bottom, three summary cards are shown: 'Accepted Connections' with 17 items, 'My Pending Requests' with 0 items, and 'My Denied Requests' with 4 items. A red 'DISTRIBUTE' button is located in the bottom right corner.



DISTRIBUTION VIA EPIC

The Good

- ONE SINGLE SOURCE OF TRUTH



DISTRIBUTION VIA EPIC

Improvement Area

- CCS Friendly (the actual workflow relies too much only on FFs)
- Granted Partner Reaction Time



Partner Registration VIA EPIC

The screenshot displays the 'Search Account' interface in the TAT system. The 'Account Type' dropdown menu is open, showing options: Airline, --Select--, Airline, CCS/IT Company, CONSIGNEE, CUSTOM/AV/SEC/GOVT, Freight Forwarder, and Ground Handler. The 'Airline' option is selected. Below the dropdown, a table lists search results with columns for Account Type, Account Name, and Country.

Account Type	Account Name	Country
--Select--		--Select--
<input checked="" type="checkbox"/>	SWISS WORLDCARGO	Switzerland
<input type="checkbox"/>	American Airlines	USA
<input checked="" type="checkbox"/>	Air Canada	Canada
<input type="checkbox"/>	Aeromexico	Mexico
<input type="checkbox"/>	Avianca	Colombia
<input type="checkbox"/>	Finnair	Finland



Partner Registration VIA EPIC

The Good

- Updated and reliable Contact List
- Updated Messaging Capabilities



Partner Registration VIA EPIC

Improvement Area

- Limited Adoption
- Special Cases (P.O.A.)



The PROS in a slide

Distribution

- ONE SINGLE SOURCE OF TRUTH

Partner Registration

- Updated and reliable Contact List
- Updated Messaging Capabilities



The End



Customs/Govts and Digital Connectivity

ouassim.gahbiche@unctad.org



Ouassim Gahbiche



Ouassim Gahbiche / August 2021

1 ASYCUDA Programme

2 IATA Partnership

3 EPIC in ASYCUDA

Mission



To provide technical assistance, develop advanced software applications and strengthen institutional capacity for Customs with emphasis on the special needs of the least developed countries.

Vision



Public Administrations are implementing e-Government strategies. Revenue agencies such as Customs can contribute to these processes together with trade partners and other public agencies.

Values



- Vehicle for UN core values
- Search for Excellence
- Reliability
- Client Orientation
- Technological Awareness
- Creativity
- Innovation
- Development-oriented

Provide technical assistance, develop advanced software applications and strengthen institutional capacity for Customs

ASYCUDA
40
YEARS

OF EXPERIENCE

4 Generations of
IT solution for Customs

Human
Resources



150

ASYCUDA CLIENTS

Member
States 

100+
Countries and
territories

Current operations in
50+ countries



ASYCUDA World

Main
Contributors

- ▶ Beneficiary countries
- ▶ European Union
- ▶ WORLD BANK
- ▶ TMEA
- ▶ ADB
- ▶ Australia
- ▶ Germany
- ▶ New Zealand
- ▶ etc...

Main
Partners

15 MoUs





EUROPE AND CENTRAL ASIA

-  Afghanistan
-  Albania
-  Bosnia and Herzegovina
-  Georgia
-  Gibraltar
-  Kazakhstan
-  Kosovo
-  Moldova
-  Turkmenistan

MIDDLE EAST

-  Iraq
-  Jordan
-  Lebanon
-  Palestine
-  Syria
-  Yemen

AMERICAS AND THE CARIBBEAN ISLANDS

-  Anguilla
-  Antigua and Barbuda
-  Aruba
-  Barbados
-  Belize
-  Bolivia
-  Caribbean Netherlands
-  Curaçao
-  Dominica
-  El Salvador
-  Grenada
-  Guyana
-  Haiti
-  Jamaica
-  Montserrat
-  Nicaragua
-  Puerto Rico
-  Saint Kitts and Nevis
-  Saint Lucia
-  Saint Pierre and Miquelon
-  Saint Vincent and the Grenadines
-  Suriname
-  Trinidad and Tobago
-  Turks and Caicos
-  Venezuela

AFRICA

-  Angola
-  Benin
-  Burkina Faso
-  Burundi
-  Cabo Verde
-  Central African Republic
-  Chad
-  Comoros
-  Congo
-  Côte d'Ivoire
-  D.R. Congo
-  Djibouti
-  Equatorial Guinea
-  Eritrea
-  Eswatini (former Swaziland)
-  Gabon
-  Gambia
-  Guinea
-  Guinea-Bissau
-  Lesotho
-  Liberia
-  Madagascar
-  Malawi
-  Mali
-  Mauritania
-  Namibia
-  Niger
-  Rwanda
-  Saint Helena
-  Sao Tome and Principe
-  Seychelles
-  Sierra Leone
-  Sudan
-  Togo
-  Uganda
-  Zambia
-  Zimbabwe

ASIA AND PACIFIC ISLANDS

-  Bangladesh
-  Cambodia
-  Cook Islands
-  Fiji
-  Kiribati
-  Lao PDR
-  Maldives
-  Nauru
-  Nepal
-  New Caledonia
-  Niue
-  Papua New Guinea
-  Philippines
-  Samoa
-  Solomon Islands
-  Sri Lanka
-  Timor-Leste
-  Tonga
-  Tuvalu
-  Vanuatu

Full Customs Business Coverage



1 ASYCUDA Programme

2 IATA Partnership

3 EPIC in ASYCUDA

Signed MoU in 2015

- ▶ Ongoing cooperation between IATA and the ASYCUDA Programme for Air Manifests integration in IATA XML format
- ▶ Airlines, freight forwarders and shippers are using this global standard to exchange air cargo electronic information with customs authorities with ASYCUDAWorld (AW)

First implementation of Cargo-XML on 2017

- ▶ Jamaica Revenue Commission (July 2017)
- ▶ Angola General Tax Administration (August 2018)



IATA Cargo-XML Types in ASYCUDAWorld

August 2021 UNCTAD & IATA extend partnership

- ▶ Focus on enabling ASYCUDAWorld to manage e-commerce shipments more efficiently. It will include adding risk assessment for mail & express shipments and *facilitating access to the IATA enhanced partner identification and connectivity (EPIC) platform*
- ▶ Customs authorities will be able to share advance cargo/mail information requirements across the digitized supply chain (airlines, freight forwarders, ground handlers and third-party messaging service providers)
- ▶ For the 100 countries choosing to deploy the latest version of ASYCUDAWorld, this enables more efficient processing of air cargo shipments



1 ASYCUDA Programme

2 IATA Partnership

3 EPIC in ASYCUDA

Boosting Connection with EPIC

- ▶ Two countries running EPIC, Rwanda & Jamaica. Bangladesh & Barbados joining before the end of the year.
- ▶ Easy connect with cargo partners thanks to the Enhanced Partner Identification & Connectivity
- ▶ Quick Updates and follow up
- ▶ All new IATA Cargo XML Implementations in ASYCUDAWorld will involve EPIC



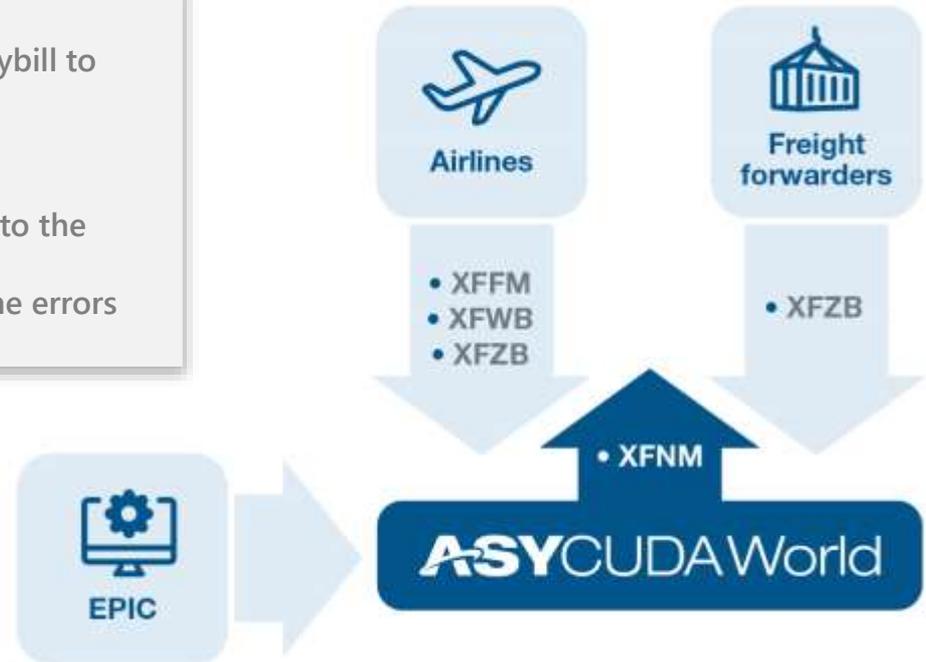
4 Fully Integrated Messages

- ▶ XFFM for flight manifest
- ▶ XFWB, a complete set of data related to an Air waybill to customs
- ▶ XFZB will define the house waybills
- ▶ XFNM response message is an acknowledgement to the airlines that customs will send when receiving & processing XFFM, XFWB & XFZB or transmitting the errors if any

Communication through

- ▶ Secure E-Mails Exchanges (Asynchronous)
- ▶ Web services (real time responses)

Two Main filers / legal authorized filers



Airline - Power EIC - The data which is valid from now

Airline code	Airline name	Airline nationality	Airline prefix	Email for XML reception	Email for XML response	Email for XML sender	IATA XML enabled	XFNM Acknow...	Web service aut...	Valid From...	Valid To...
SA	South African Airways ZA	ZA	083	sa.asycuda.ag@mfra.gov.za	to be completed	to be completed	0	f		10/01/2018	
SN	Brussels Airlines BE	BE	082	sn.asycuda.ag@gmail.com	ouassan.getsoche@airfrat...	ouassan.getsoche@airfrat...	f	f	SN.WS	10/01/2018	
SW	Air Iberia	HA	188	sw.asycuda.ag@mfra.gov.za	logovatoras@airmessag...	to be completed	0	f		10/01/2018	
TP	TAP Portugal PT	PT	347	tp.asycuda.ag@mfra.gov.za	to be completed	to be completed	0	f		10/01/2018	
UK	Air UK Limited	NC	725	uk.asycuda.ag@mfra.gov.za	gog.as.in@web.charis.aer...	to be completed	0	f		10/01/2018	
ET	Ethiopian Airlines ET	ET	071	et.asycuda.ag@mfra.gov.za	asib@edaa.gov.et	asib@edaa.gov.et	f	f	ET.WS	10/01/2018	

Flat view (post)

Last restrictions:

Display history

Action:

Load the view

Restrictions:

The data which is valid from now

By time

Valid from now

Date interval

at today

Airline

Airline code	Starting date	Ending date
ET	10/01/2018	

Airline name

Ethiopian Airlines

Airline nationality

ET

Airline prefix

071

C-XML enabled

No

Email for XML reception

et.asycuda.ag@mfra.gov.za

Email for XML response

asib@edaa.gov.et

Email for XML sender

asib@edaa.gov.et

XFNM Response Options

XFNM for received and processed files

Web service authorized logins

ET.WS

Facilitated follow-up

- ▶ Customs receive alerts from EPIC for any new/update filer' details
- ▶ Customs can gradually enable filers ready to exchange with them

Express Consignments

Special Handling Information

Waybill - View [CU011]

Geneve +41766637482

Geneve

Goods Details

Total containers	Packages codes	Category	Status	Number of degrouped
0	21 Cartons	Documents	HSE	0

Marks & nb.
Samsung

Specific Circumstance Indicator
F30 Express consignments - Complete dataset lodged preloading in accordance with Article DA-IV-1-03(1)

Manifested packages	Remaining packages	Manifested gross weight	Remaining gross weight	Volume(CBM)
2		20,00		

Description of goods
Phone protectors

Location

Express Waybills Highlighted & Cleared

Waybill Index

7 documents found! Please select a document and select an action from the local menu

Office	Voyage num.	Date of depatu.	BL reference	Parent BL re.	Comer Type	Nature	Place of load.	Place of unloa.	Cus.	Cus.	Sts	Split	Consignee N.	Shipping
CU011	LH201	29/02/2019	229-45688210		LH	AVG 23	DEFRA	CHZH+			HSE		Lohn/Dead	
CU011	LH201	29/02/2019	229-125695...		LH	AVG 23	DEFRA	CHZH+	0.1	USD	HSE		Salma ben Hajj	
CU011	LH201	29/02/2019	229-15151515		LH	AVG 23	DEFRA	CHZH+	1	USD	HSE		Simone Didon	
CU011	LH201	29/02/2019	HHOUSE2	229-123456...	LH	AVG 23	DEFRA	CHZH+	150	USD	HSE		Cristi	
CU011	LH201	29/02/2019	HHOUSE1	229-123456...	LH	AVG 23	DEFRA	CHZH+	50	USD	HSE		Raouf benzati	
CU011	LH201	29/02/2019	229-12345678		LH	MAB 23	DEFRA	CHZH+	300	USD	MSTD.		raouf benzati	
CU011	LH201	29/02/2019	229-12565595		LH	AVG 23	DEFRA	CHZH+	80	EUR	HSE		Ouassim Ga...	

HS Compliance

Waybill - HS Compliance

General Information

Office of departure / arrival

ES0001:

Voyage number: Date of departure: Arrived: ATA (Actual Time of Arrival): Register:

Waybill reference number: Waybill type: Nature: Last discharge: Waybill:

Previous document: ETA (Estimated Time of Arrival): UCR:

Place of loading: Place of unloading:

Commodity Codes

HS6 Code	Description	Package Number	Package Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HS6 Code	Description	Package Number	Package Code
140490	VEGETABLES PRODUCTS	11	21
380230	VACCINES	11	21

Risk Assessment

General Segment - View (2019)

File Edit View Help

ASYCUDA

Manifest - Waybill

Carrier:

Line No	Ref No	Nature	Type	Loading	Unloading	Commodity	Car. Title	Car. Cat.	DD	Category	Risk	Job Clr	Packages	Gross weight	Remaining packages	Remaining gross w.	Status
1	235-60178532	23	MAB	TRIST	CHZRH	THE CANADIAN HIGH C...	95.84	EUR	731	1	NO RISK	0	11	114	11	114	RSE
2	235-76282374	23	MAB	ETAOO	CAZOR	SPS SCS JAMBACA LTD.	0	730	4	NO RISK	0	2	58.8	2	58.8	MST	DDG
2	521192595	23	MAB	ETAOO	CAZOR	JANCO DISTRIBUTORS...	45	EUR	731	1	LOW RISK	0	2	58.8	2	58.8	RSE
3	235-84802003	23	MAB	TRIST	CAZOR		20	EUR	731	1	HIGH RISK	0	17	17			RSE

Detail information

created on: 04/20 0:17 AM
 by user: admin
 bill name: Administrator
 owner: n/a
 locked: no
 from: n/a
 by: n/a

Current version:

version	status	owner
1	Selected for Control	n/a

Version	Date	Status	Transaction	Owner	Obj	Signed
1	04/20 0:41 AM	Selected for Control	not BL to reg manifest	n/a	admin	no

Key Benefits

- ▶ EPIC is open for use by airlines (IATA members and non-members), freight forwarders and any third party, intermediary or IT provider in the air cargo business
- ▶ TIN details for consignors/exporters can be easily identified for express operators & respective business partners.
- ▶ Reduction of required resources & costs
- ▶ Express Operators involved & air waybills automatically cleared. Further reduction of clearance times & accelerated customs controls
- ▶ Standard Procedure for Preloading Advance Cargo Information; Submission and clearance before arrival by customs brokers



THANK YOU!
QUESTIONS & ANSWERS



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- ✉️ asycuda@unctad.org
- 🌐 asycuda.org

IATA EPIC Adoption



Airlines (32)



Freight Forwarders (94)



Customs (10)



Ground Handlers (2)



CCS's/ IT (14)



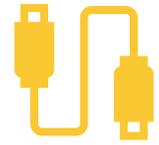
Intl Org. (5)



Posts(0)



**117
Connections**



**2522
Connectivity
Methods**



**268
Messaging
Capabilities**



32 Airlines have joined EPIC





10 Customs & 5 Intl. Org. have joined EPIC



HANGAR A



Cargoport CCS



14 CCS/IT Companies have joined



Global Freight Forwarders have joined EPIC with their 1000+ branches

For More Information

- www.iata.org/epic

