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Authorised Economic Operators (AEC) and Trade Facilitation – Risk Management/Profiling Criteria and Pre-Clearance Procedures

Presented by

CrimsonLogic

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Agenda

ACCESS System

- Objectives
- Technology Platform
- System Overview & Processes
- Customers

Customs Management System

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ACCESS System (Pre-Clearance System)

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Objectives

- Enable faster clearance of cargo
- Ensure that controlled and dutiable shipments are identified for inspection
- Avoid paper handling
- Provide for less congestion at customs checkpoint

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Technology Platform

- Access via web browser at anywhere and anytime
- Runs on Solaris with Oracle database
- Written in Java and adopts XML, J2EE technology etc

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System Overview

Advance Clearance of Courier Express Shipments System (ACCESS System)

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Processes

For AEC and Customs :-

- Auto Pre-Clearance Processing
- Online Enquiry of Shipment Inspection Status
- Online Enquiry of Shipment Approval Status

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Processes

Only For Customs

- Online Pre-Clearance Processing
- Daily/monthly report generation
- Maintenance of Code tables
- Preset Criteria Profiling
- Audit Log

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Auto Pre-Clearance Processing

- Processes incoming EDI messages send in by AEC

- Performs the following functions:
  - Decoding of the incoming EDI messages
  - Syntax validation
  - Error and Inspection EDI message generation
  - Sending back response messages

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Online Enquiry of Shipment Status

Enquiry of Shipment Inspection Status

- Allows authorized users to make enquiry into the shipment inspection status

- Performs the following function:
  - Displays Inspection/Cleared status of Shipments

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Online Enquiry of Shipment Status

Enquiry of Shipment Approval Status

- Allows authorized users to make enquiry into the shipment approval status

- Performs the following function:
  - Displays whether the shipment has been approved (received AIRPIN) or rejected (received AIRERR)

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Online Pre-clearance Processing

- Allows Customs to make enquiry and update the shipment status of selected HAWB

- Performs the following functions:
  - Displays HAWB of selected courier company
  - Update shipment status

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Daily/monthly report generation

- Allows Customs to specify the month or date range of desired reports
- Performs the following functions:
  - Displays reports based on specified date
  - Provides PDF or Text format for download purposes

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Maintenance of Code Tables

- Allows Customs to make enquiry and modify the following code tables:
  - ASEAN Countries
  - GST
  - Courier Company
  - CIF

- Performs the following functions:
  - Display records for selected code table
  - Allow add/update/delete of tables

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Preset Criteria Profiling

- Allows Customs to make enquiry and update current set of preset criteria

- Performs the following functions:
  - Allows Customs to specify preset criteria
  - Performs automatic inspection of goods based on preset criteria specified

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Audit Log

- Allows Customs to make enquiry on which goods have been manually updated and by whom

- Performs the following function:
  - Displays details of updated records based on courier company

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Customers

- **Customs And Excise of Singapore**

- **Air Express Companies**
  - DHL International (S) Pte Ltd
  - Federal Express (S) Pte Ltd
  - TNT Express Worldwide (Singapore) Pte Ltd
  - United Parcel Services Singapore Pte Ltd

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Customs Screen

Address ced3001 Go

ACCESS by CrimsonLogic

Home | My Account | Product Info | Help Desk | User Guide | Feedback | About Us | FAQ | Logout

Launch-> Click on the application | Other portals-> Click on the portal

- CED
- Track Shipment
- Update Shipment
- Reports
- Maintenance
- Preset Criteria Profiling
- Audit Log
- Track Shipment Log

Welcome to **ACCESS** (Advance Clearance of Courier Express Shipment System)

CrimsonLogic is pleased to bring to you a new system for your Express Advance Shipment Clearance documentations. The web-based system allows you to track the status of your submitted documentation for Advance Shipment at anytime, anywhere.

With a new graphical user interface, the system is now more user-friendly. Existing functions have been enhanced and new features added to ensure that the system is easy to use to enable users to complete their transactions faster.

ACCESS is brought to you by CrimsonLogic, a brand of Singapore Network Services.

- Enable faster clearance of cargo
- Avoid paper handling
- Ensure controlled and dutiable shipments are identified for inspection

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Declarant Screen

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Customs Management System

- Single Electronic Window for Customs Administration
- Customs System Overview
- Various modules in the System
- Customs Risk Management Module

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Single Window
For Customs Administration & Trade Facilitation

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CrimsonLogic Customs System Overview

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Customs Systems Schematic

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TradePalette-TradeNet-ICMS

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Customs Systems Modules: High-Level Processing Flow

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ICMS Modules: Cargo Manifest

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ICMS Modules: Goods Declaration

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ICMS Modules: Downstream Processing

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ICMS Modules: Release Processing

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ICMS Modules: Payment Processing

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ICMS Modules: Goods Declaration (For Warehousing)

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ICMS Modules: Warehouse Processing

Note: Home Use* - requires duties and taxes payment

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ICMS Modules: Goods Declaration (For FreeZone)

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ICMS Modules: FreeZone Processing

Note: Home Use* - requires duties and taxes payment

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CrimsonLogic Customs Risk Management Module

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CrimsonLogic Customs Rules Engine

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Application Layer

TradeNet 21 | SaudiEDI | Panama Adv. eMan | eCustoms

Domain Layer

Trade | Valuation | Tariff Computation | Risk Management

Engine Layer

Business Rules Database

Business Rules Syntax | XML-Based Rules Editor | Rules Developer

Attributes and Grammers | Complex Validation Policy | Profile and Search

Rules Processor

User Facade

End User Definable | Real Time Implementation | Scalable Rules | Ease of Enquiry

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