



TradeXchange, Integrated IT Platform for Trade

Workshop on Single Window Development for CAREC Trade and Customs Officials

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TradeNet® - 1989 to 2007

- 100% of the total Trade Permit applications are processed by the TradeNet® system. The Singapore Government has mandated the electronic submission of Trade Permit Application.
- The TradeNet® system handles approximately 30,000 permit applications per day, amounting to some 9 million transactions a year.
- The TradeNet® system is used by approximately 2,500 companies with 8,000 users.

Source: UN / CEFACT Single Window Repository website United Nations Centre for Trade Facilitation and Electronic Business http://www.unece.org/cefact/single_window/

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TradeNet - What Next?



- TradeNet® facilitated business-to-government transactions only
- Users still have to access some disparate, standalone systems to perform trade transactions
- Increasing threat of regional competition

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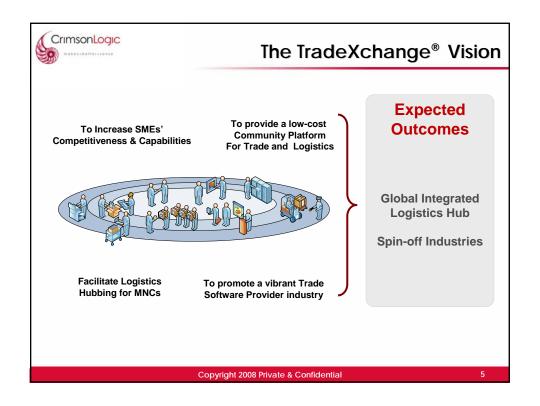


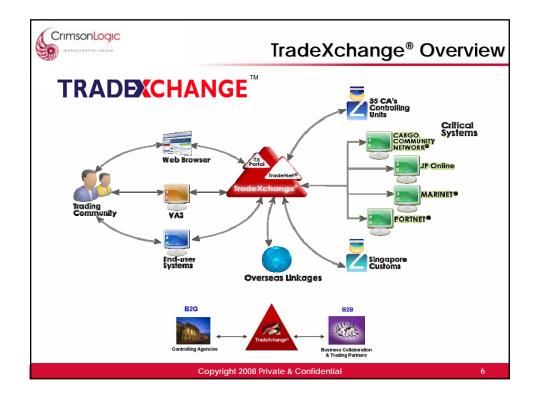
The Next Generation TradeNet - TradeXchange

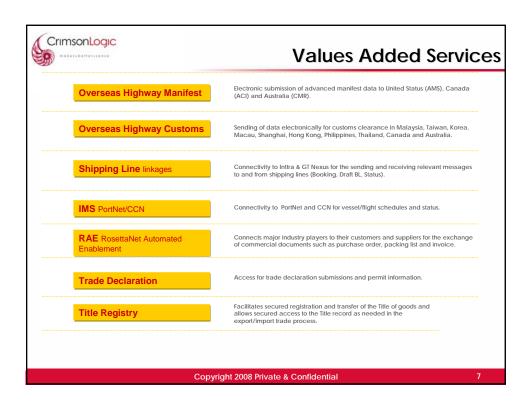
The response... TRADEXCHANGE™

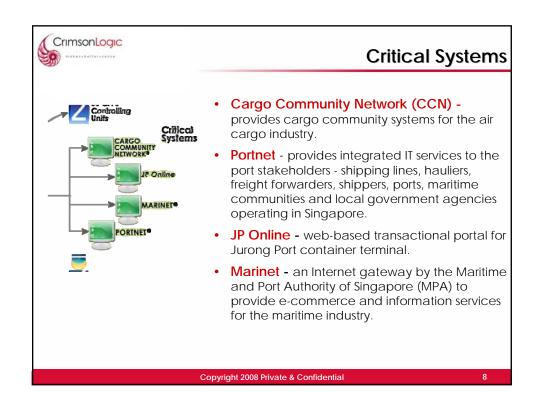
- Neutral IT platform to provide seamless interconnectivity among commercial and regulatory systems to facilitate the flow of goods within, through and out of Singapore for the trade and logistics businesses to serve the 21st century and beyond
- The new TradeNet® Ver 4.0 is a core application of Tradexchange™
- Estimated savings: about USD 48 million over 10 years
- Roll-out: Oct / Nov 2007
- Prospective no. of users: 90,000

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Value Added Service (VAS) Providers

- VAS are commercial service providers that connect to TradeXchange® to deposit, extract or transmit information.
- Examples of such VAS include Freight Management and e-Procurement.



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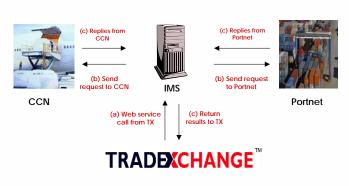
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IMS Portnet & CCN Linkages

Inter-modal System (IMS) To TradeXchange® Interface

 IMS interface provides Sea/Air Schedule and tracking modules to critical system services.



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Shipping Line Linkages

- Send and receive relevant messages to and from shipping lines.
- The messages include:
 - Vessel Schedules
 - · Cargo Bookings
 - · Draft Bill of Lading
 - Track & Trace Status (e.g. Loaded on Vessel, Carrier Release, Container Out Gate, etc)





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Advanced Manifest



Canada Advance Commercial Information ACI

Under ACI, carriers and freight forwarders will report cargo and conveyance data electronically within established timeframes in advance of the arrival of the cargo and conveyance in Canada to enable CBSA to identify goods of unknown or high risk.



US Automated Manifest System AMS

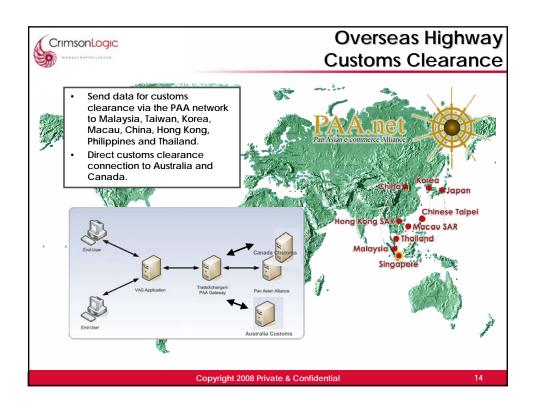
A multi-modular cargo inventory control and release notification system for sea and air carriers. AMS speeds the processing of manifest and waybill data.



Australia Integrated Cargo System ICS

An initiative by Australian Customs requiring all parties who need to import or exports goods to send cargo report information.

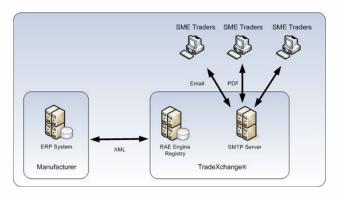
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RosettaNet RAE

 The RosettaNet Automated Enablement (RAE) framework enables connection of trading partners for the exchange of commercial documents, such as purchase orders, invoices.



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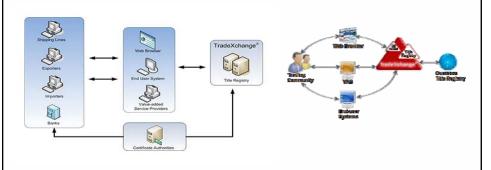
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Title Registry

The Electronic Title Registry facilitate

- · secured registration and transfer of the Title of goods and
- allow secured access to the Title record as needed in the entire export/import process.



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TradeXchange® Benefits

TradeXchange® will bring about quantum leap in the trade facilitation process in Singapore

- · Improve trade documentation process
 - Business process re-engineering
 - ☐ Simplified permit declaration requirements
- Lower Business Costs
 - □ Single interface to multiple systems□ Reduce errors from repeated data entry
- Enhance Economic Competitiveness
 - Position Singapore as a global trading hub
 - Create new sources of growth through innovative VAS development

Benefits

- · Single interface for users
- Simplified permit structure with less declaration fields
- Incorporate other "end-toend" services

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Lower Business Costs

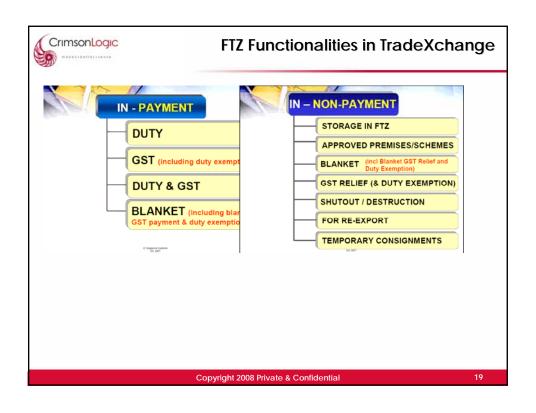
- Single interface to more systems
- ☐ Further reduce errors from repeated data entry

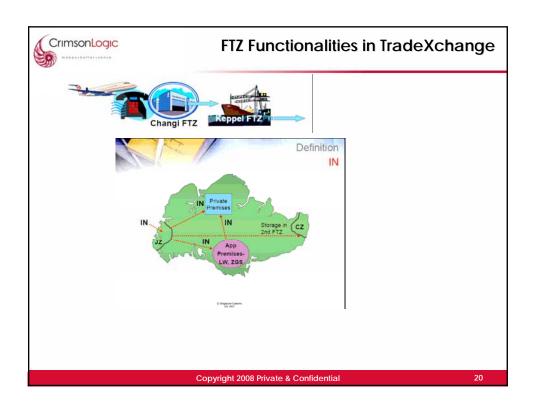


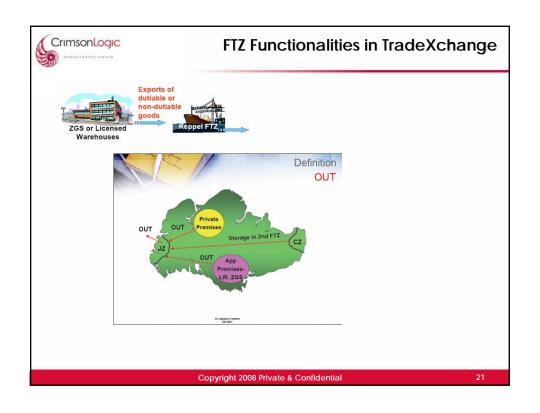
Enhance Economic Competitiveness

- ☐ Strengthen Singapore's position as a global trading hub
- ☐ Create new sources of growth through innovative VAS development

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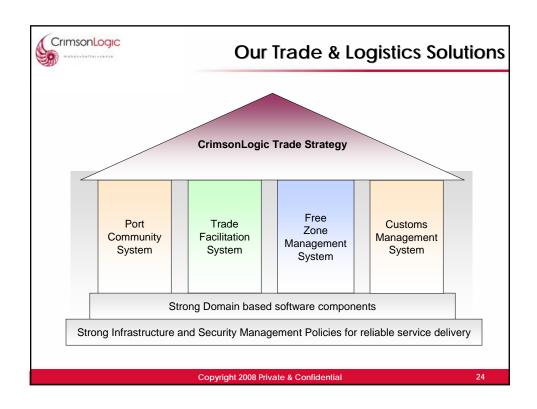


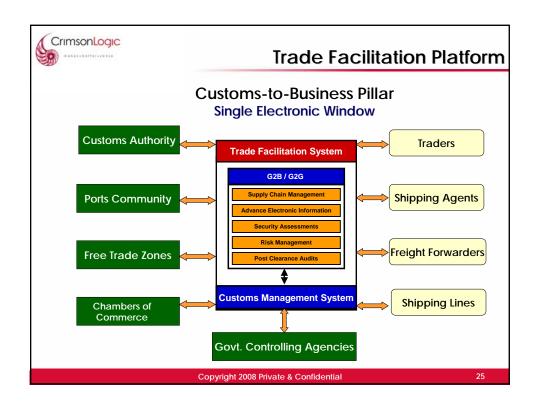


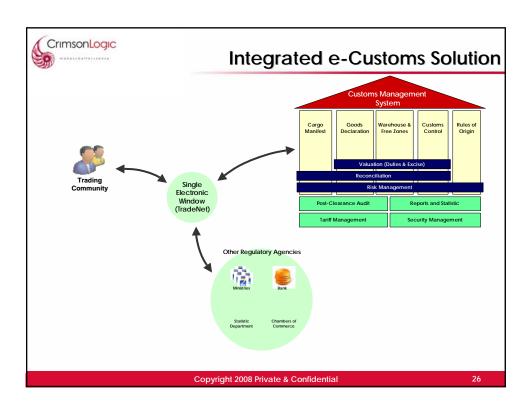
Trade Facilitation Platform Solution Concepts

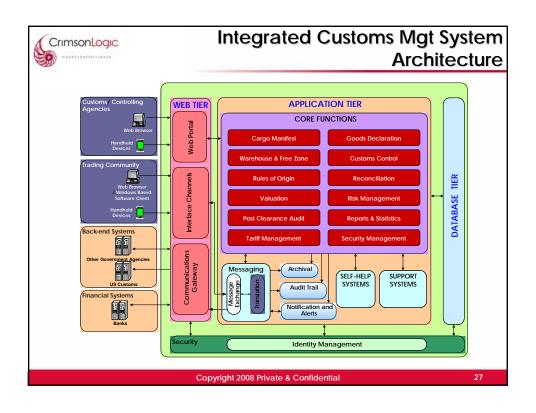
- Single Window One-Stop Service G2B & B2B Portal for Trade & Port related Procedures.
- Paperless environment
 maximising the use of electronic documents / electronic data interchange (EDI)
- **E-Commerce Platform** for electronic trade and modern working methods Guidelines , Legal provisions
- Harmonisation & Simplification of existing practices & procedures – alignment to International and regional conventions
- Data Collection of accurate management and statistical information in order to make better business decisions
- · Risk management & Profiling to reduce fraud
- Zone Trade Community
 - Green Lane / Super Green Lane
 - Electronic Funds Transfer / Collection for Customs

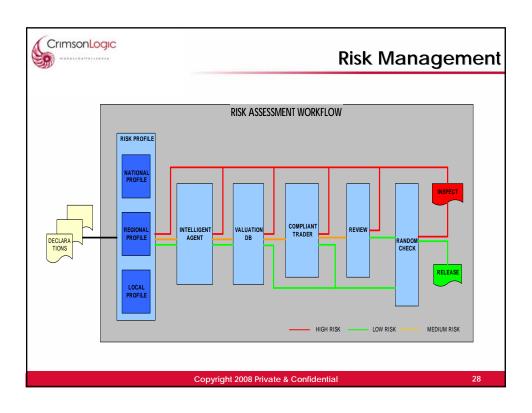
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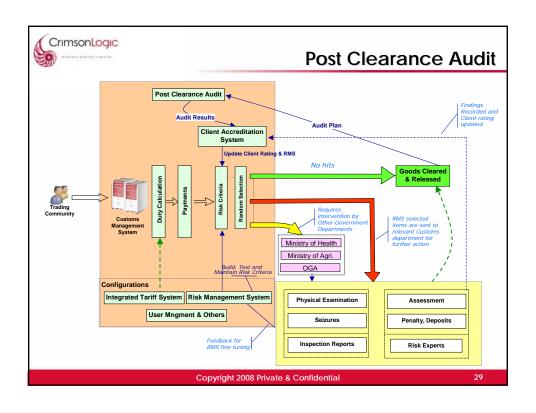


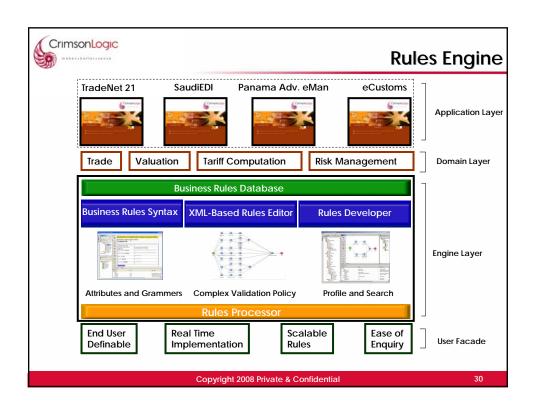


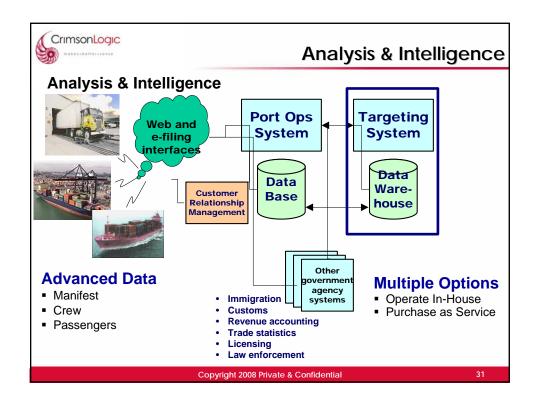


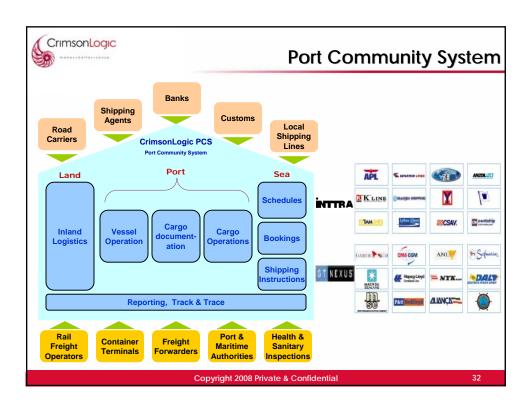


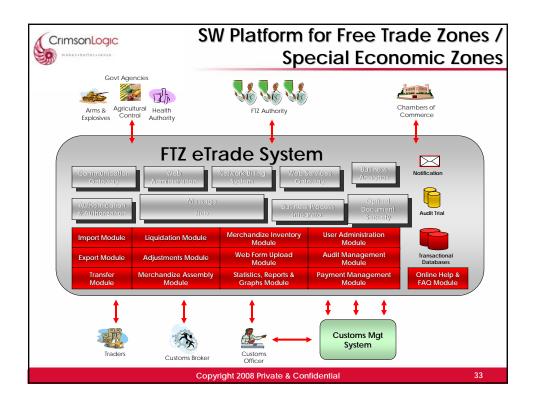


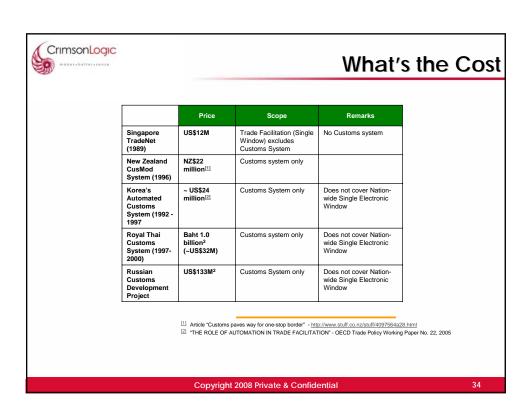














Thank you very much for your attention

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