

TRADE FACILITATION SOLUTIONS





INNOVATION
IS IN OUR **DNA**



Opportunities Arise from Crisis

TRADENET™ WORLD'S FIRST SINGLE WINDOW

In 1985, Singapore encountered its first post-independence recession after years of rapid growth.

Single Window (TradeNet) was first mentioned by then Acting Minister of Trade and Industry and Second Minister for Defence (Services) Brigadier-General (Res) Lee Hsien Loong.

The Government set up a high-level economic committee which, among other recommendations, proposed building a national trade system called TradeNet to boost international competitiveness. TradeNet was implemented within three years by January 1989.



Three Harvard Business Reviews were written on TradeNet™^[1]

"Successful IT applications like TradeNet™, .. were widely studied and cited.

The country could boast of being the first with a fully digitized telecommunications and ISDN network."

- Integrates 35 controlling units' requirements
- 7,000+ business rules
- S\$1B saving for trade community^[2]

	Before TradeNet	After TradeNet
Processing Time/Permit	2-7 days	1 min or less
Fees Charged	S\$10-S\$20	S\$3.30
Number of Documents	3-35 docs	1 eForm/eDoc

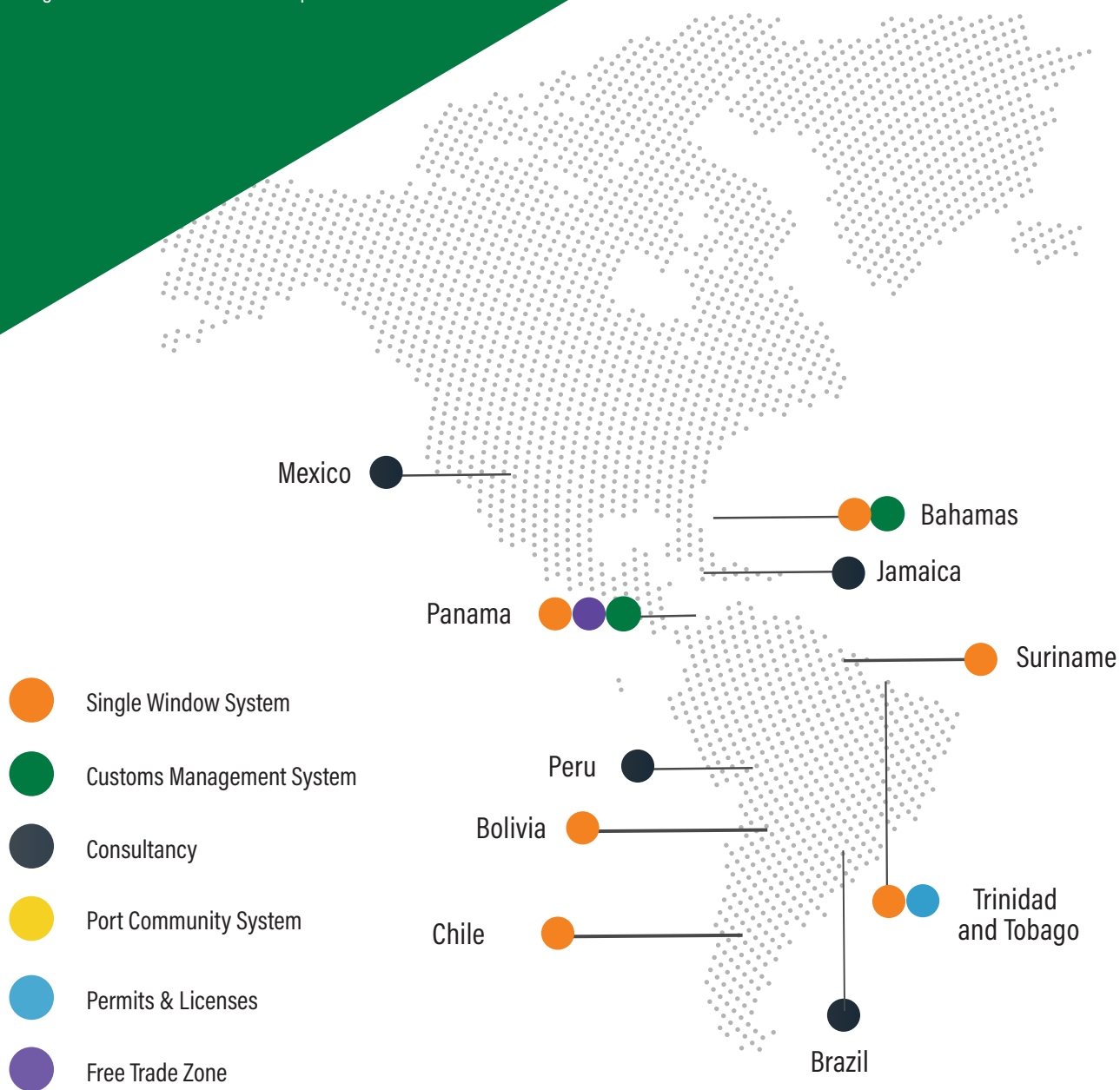
[1] Konsynski, Benn R., and John L. King. "Singapore TradeNet: A Tale of One City." Harvard Business School Case 191-009, July 1990. (Revised September 1995.)
Applegate, Lynda M., John L. King, and Boon-Siong Neo. "Singapore TradeNet: The Tale Continues." Harvard Business School Case 193-136, March 1993. (Revised June 1995.)
Applegate, Lynda M., John L. King, and Soon-Siong Neo. "Singapore TradeNet: Beyond TradeNet to the Intelligent Island." Harvard Business School Case 196-105, October 1995.

[2] Subramaniam, Sivam. (1988, April 22). Computerised network can save up to \$1b in paperwork. *The Straits Times*. Retrieved from <http://eresources.nlb.gov.sg/newspapers/Digitised/Article/straitstimes19880422-1.2.26.3>

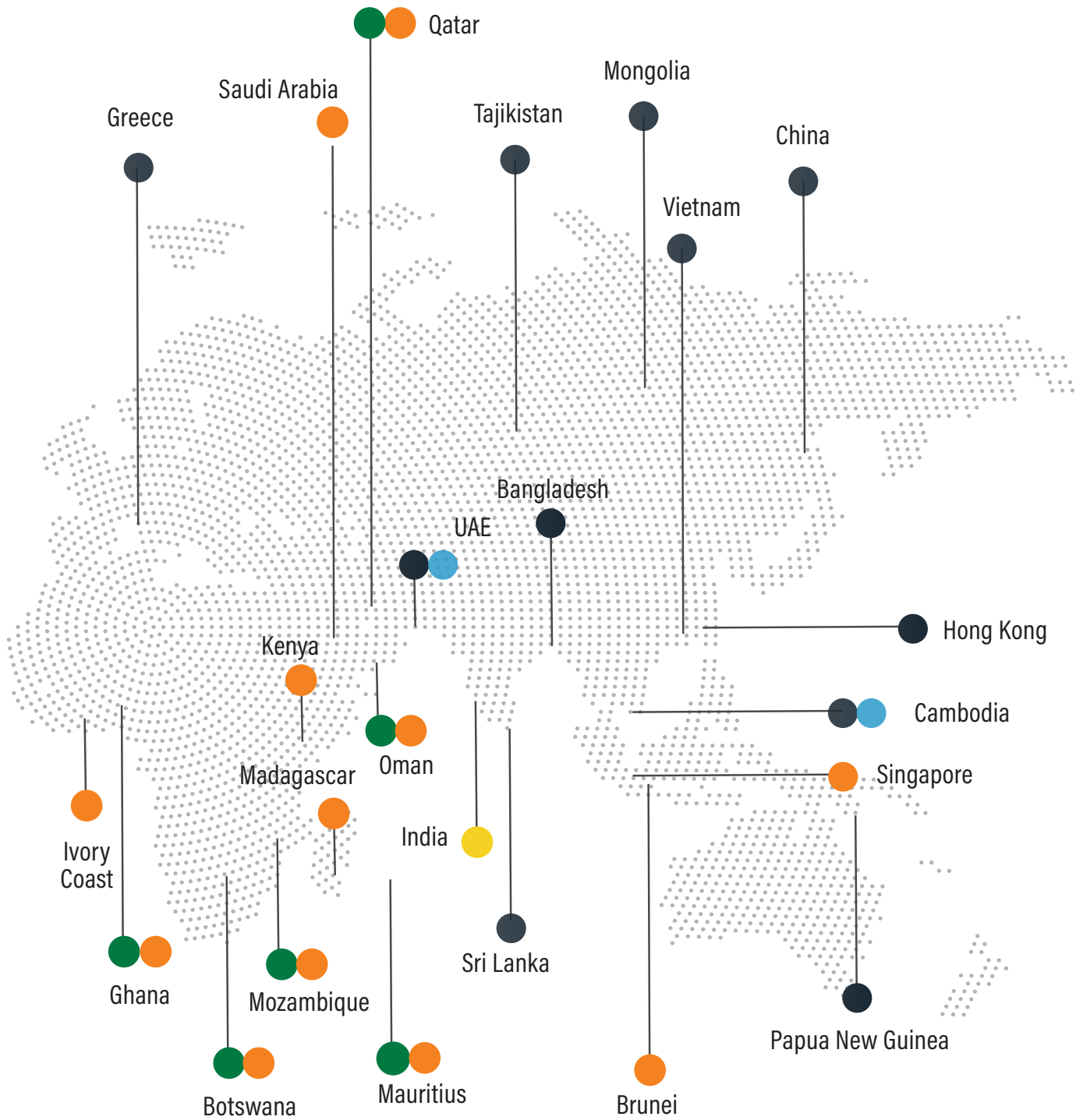
YOU ARE ENSURED

as we work alongside you, just as we have been ENTRUSTED by Governments for more than 30+ years

We have grown from implementing the World's 1st National Single Window to become an internationally recognised trade facilitation solution provider



30+ YEARS EXPERIENCE





YOU ARE ENSURED

of FAST implementation

- From tender award to the first transaction, the Single Window (with Other Government Agencies on-boarded) can be implemented in less than 12 months
- Open and agile architecture enables further deployment in functional areas and simplifies integration with external systems

“ *The deployment has greatly helped in the advancement and growth of the Colon Free Zone.*

---- Colon Free Zone Administration

”

Pilot Implementation

12 to 18
Months

Before

3 to 6
Months

After

Full Implementation

24 to 28
Months

Before

9 to 16
Months

After

Deployment Options

Software-as-a-Service

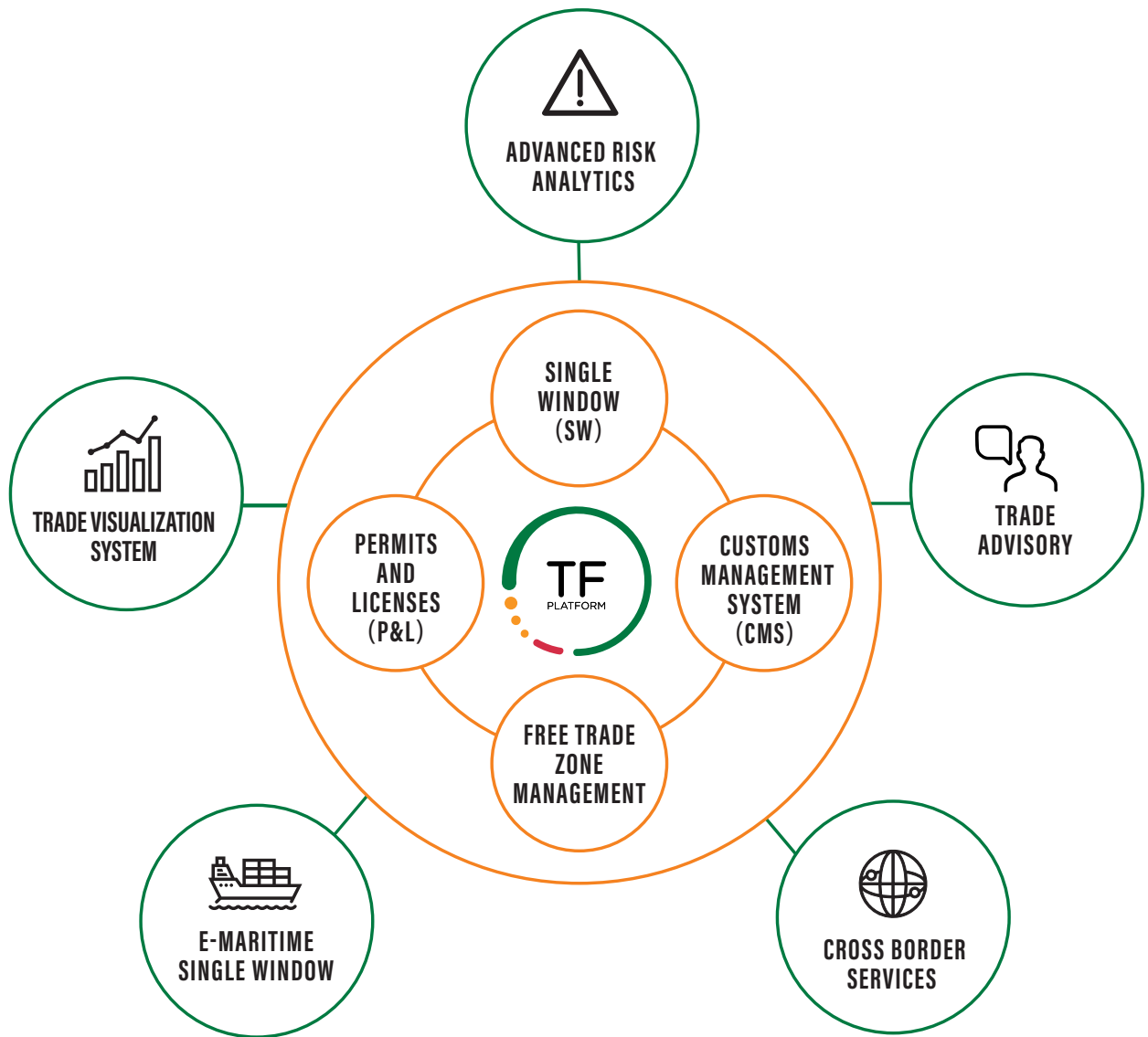
- No 3rd party hardware and software
- Subscription Fee

On-Premise

- Bill of Quantity can be provided for all 3rd party hardware and software
- Licence and Maintenance Fee

“ We are very glad that, despite a number of legacy issues, the project has been delivered on time and within budget. TFP helps us to jump-start our journey in providing world-class services to our trade community. ”

----Molemi Pule, General Manager, Technical Services, Botswana Unified Revenue Service



Core modules



Add-on modules can be implemented to any legacy systems

YOU ARE EMPOWERED

to have a **HOLISTIC** approach to trade facilitation

TFP (TRADE FACILITATION PLATFORM)

- Encapsulates international best practices and industry standards (WCO, UN/EDIFACT, IMO and IATA)
- Enables Governments to scale according to their readiness with options for full or partial implementation
- When fully deployed, TFP optimises coordinated processes among Customs, Other Government Agencies (OGA) and the Trade Community

Single Window (SW)	Intelligent one-stop facility integrating Customs, ports, maritime authorities and OGAs onto a common platform for one-time submission of trade document via a single entry point.
Customs Management System (CMS)	Automating Customs operations (over 25 Customs Modules) in accordance to relevant legislation, so as to facilitate risk assessment, speed up Customs clearance and strengthen revenue collection.
Permits and Licenses (P&L)	Enables the electronic application, approval and issuance of permits and licenses on a robust and easy-to-use common interface for trade community and OGAs involved in the trade ecosystem.
Free Trade Zone System (FTZ)	Facilitates timely and accurate electronic exchange of information among FTZ tenants, operator and government agencies.
Cross Border Service	Allows global trade communities to meet end-to-end trade compliance requirements from various countries through a unified platform.
Trade Visualisation System (TVS)	Aggregates large amount of trade information in real-time to create visualised data and reports. Valuable insights, patterns and trends assist in analysis, forecasting and strategic decision-making.
Advanced Risk Analytics (ARA)	Incorporates artificial intelligence to provide advance and comprehensive coverage of risk elements which enhances existing risk assessment programmes.
E-Maritime Single Window	Enables the maritime authority to automate vessel clearance through e-submissions of statutory document such as hazardous cargo declaration and vessel declaration.
Trade Advisory	Provides traders with more convenience in completing trade formalities and have better control over their global trade operations through FTA analyser, route optimiser, cargo delivery risk and partner discovery features.

“ *CrimsonLogic has been a valuable partner in the development of our national initiative, SaudiEDI, designed to serve the kingdom’s trading community. Through their strong knowledge and expertise in trade, we have great confidence that CrimsonLogic will continue to contribute positively to the Saudi Arabian community.* ”

---Dr Ibrahim Bin Abdulaziz Al-Assaf, Minister of Finance, Kingdom of Saudi Arabia

YOU ARE EMPOWERED

with a HEADSTART in change management

- We have a proven five-step approach that promotes strong collaboration among all stakeholders for the smooth implementation of a mission-critical system



- Implementation uses a ready-to-be deployed product, proven reference model and consultative process to give our customer a head start in change management
- Rich Internet Application Framework provides one of the finest experiences, enabling fast adoption and onboarding

to stay COST EFFECTIVE and AGILE with REDUCED vendor dependency

- Self-administrative capabilities e.g. highly configurable functions, update business rules without coding, allow users to adapt to business and policy changes quickly
- Co-development provides users with flexibility to enhance deployed modules
- Total cost of ownership and operation fees are optimized with self-administration and co-development capabilities

“ *These improvements are in line with our eGovernment strategy to utilise ICT to transform key trade and business-related services to transform Trinidad and Tobago into a world class business hub with an efficient, transparent and attractive business climate.* ”

---- Senator the Honourable Vasanth Bharath, Minister of Trade, industry and Investments, Government of the Republic of Trinidad and Tobago



“ With the simplified trade administration process, the Malagasy Customs can now focus on its core activities and continue to pursue the reform policy and contribute to make Malagasy ports one of the most prosperous trading communities in the region. ”

---- Ramiandrasoa Vola-razafindramiandra, Director General of Customs, Madagascar

ENVISION WITH US

Since the world's first Single Window, we have been innovating with new TECHNOLOGIEs and CONCEPTS to enhance TFP

- With TFP Cross-Border Services, the global trade communities are now able to stay connected in a global Single Window with end-to-end trade compliance connectivity. Through one unified platform, businesses can fulfil trade compliance requirements to Government Agencies around the world



- TFP is continuously upgraded with well-defined roadmap to stay abreast of modern technology to align with the ever-changing trade landscape
 - Layered with the latest technologies like artificial intelligence for data transformation and analysis; and blockchain for data authenticity
 - Can be deployed with microservices or a conventional three-tier architecture



Artificial Intelligence (AI)



Blockchain



Internet of Things (IoT)



Robotic Process Automation (RPA)



Microservices



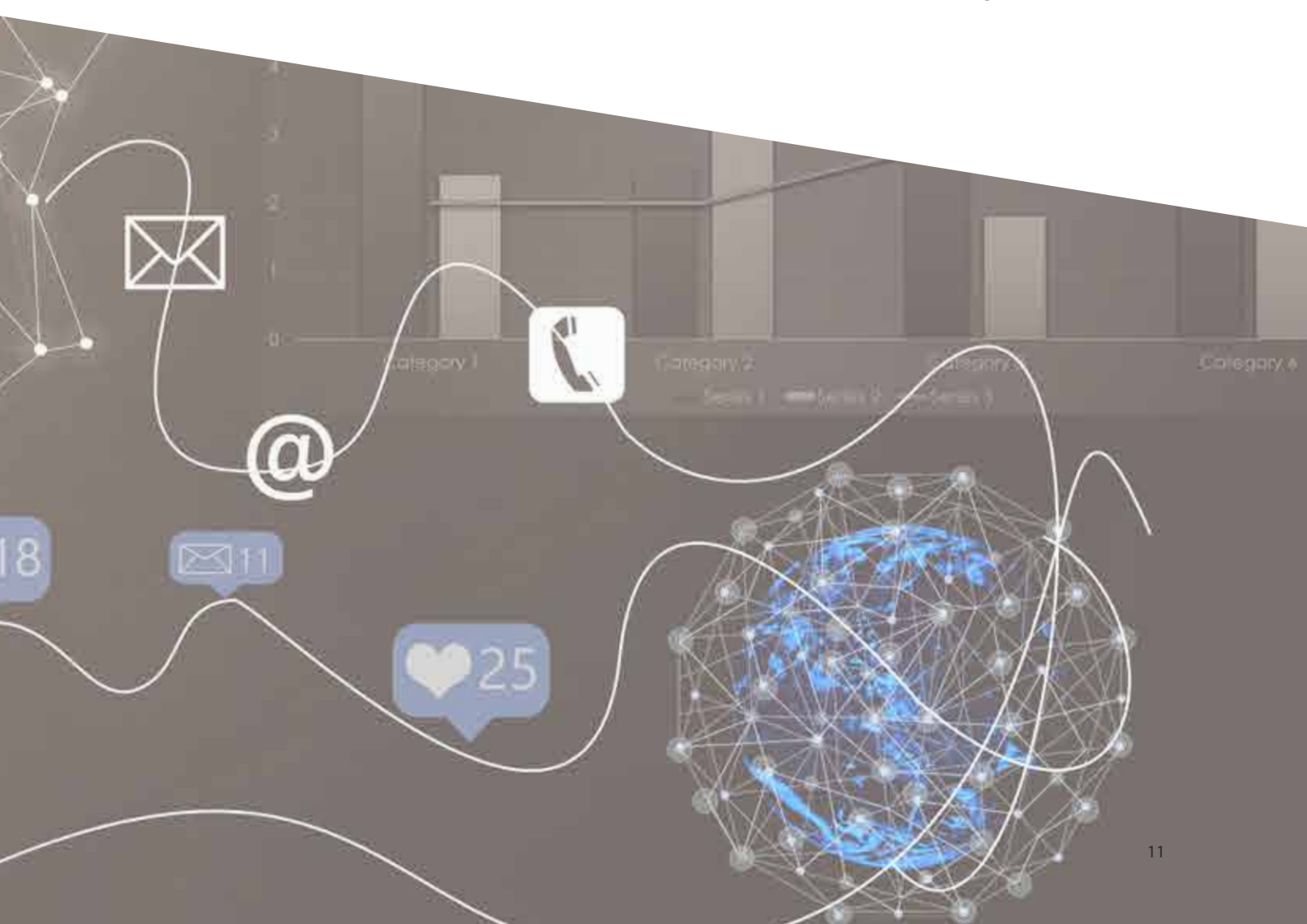
Chatbot



Mobile



Optical Character Recognition (OCR)



ABOUT US



GeTS (Global eTrade Services) is a wholly-owned subsidiary of CrimsonLogic. GeTS offers a complete suite of services that addresses the needs of Government and Businesses in trade facilitation and supply chain management. GeTS platforms are designed with open-architecture to allow ease of integration with third-party private and public IT systems. It is underlined with the latest technologies like Artificial Intelligence and Robotic Process Automation to make sense of data; and blockchain for data authenticity. GeTS platform comes with many pre-built business functionalities based on best practices and international standards. It also has linkages to 26 Customs nodes across the world, with more than 175,000 connected parties.

CrimsonLogic is a partner to governments and businesses globally. For more than 30 years, the Group has partnered customers to innovate sustainable world-class solutions, products and services in Trade, Legal, Digital Government and Cyber Security, enabling transformation that positively impact lives and communities.



INNOVATION
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A GLOBAL PLATFORM FOR GOVERNMENT AND BUSINESSES
TO COLLABORATE FOR 360 DEGREE TRADE ACTIVITIES

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DISCLAIMER: All information stated in our collateral is correct at the time of publication as of May 2019, changes in circumstances after the time of publication may impact on the accuracy of the information