Breakout Session 2 6th WCO TI Forum



Al and Cloud : Taking Trade and Logistics to a New Stage

Nov. 1st Takayuki Kida NTTDATA Corporation

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Agenda

I. Overview and Experience of NTTDATAII. AI Based Risk Management SolutionIII.B to B Trade Cloud

Overview and Experience of NTTDATA

Fact Figure of NTT DATA (as of March 31, FY17)

ESTABLISHED BY GOVERNMENT

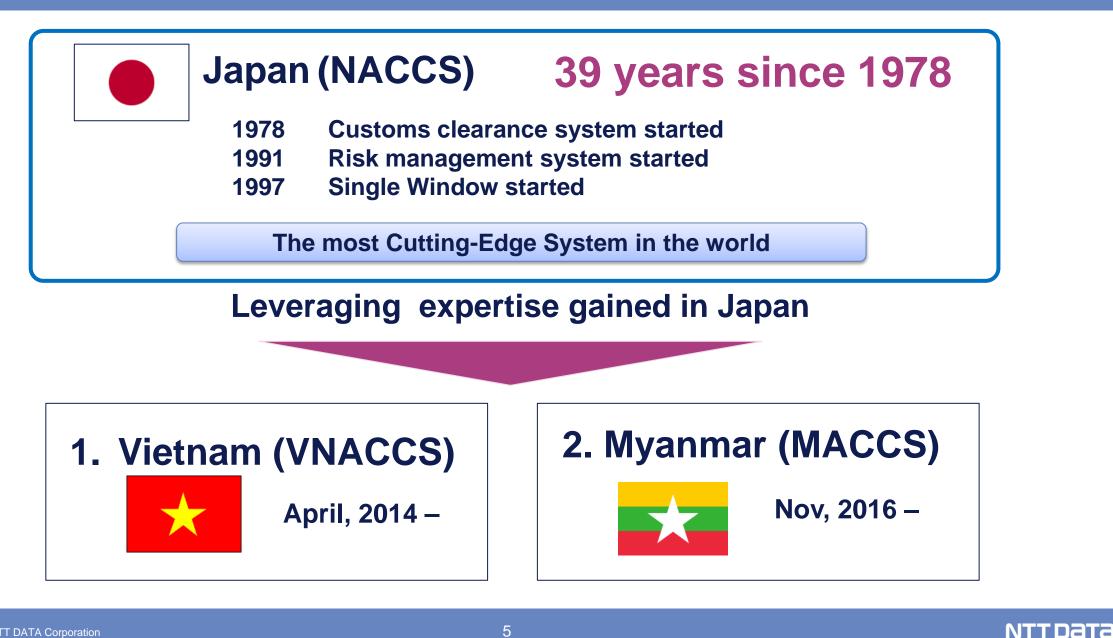
- Part of NTT Group: the largest telecommunications provider in Japan
- Originally a public company, privatized in 1985

GLOBAL TOP 9 SYSTEM INTEGRATOR

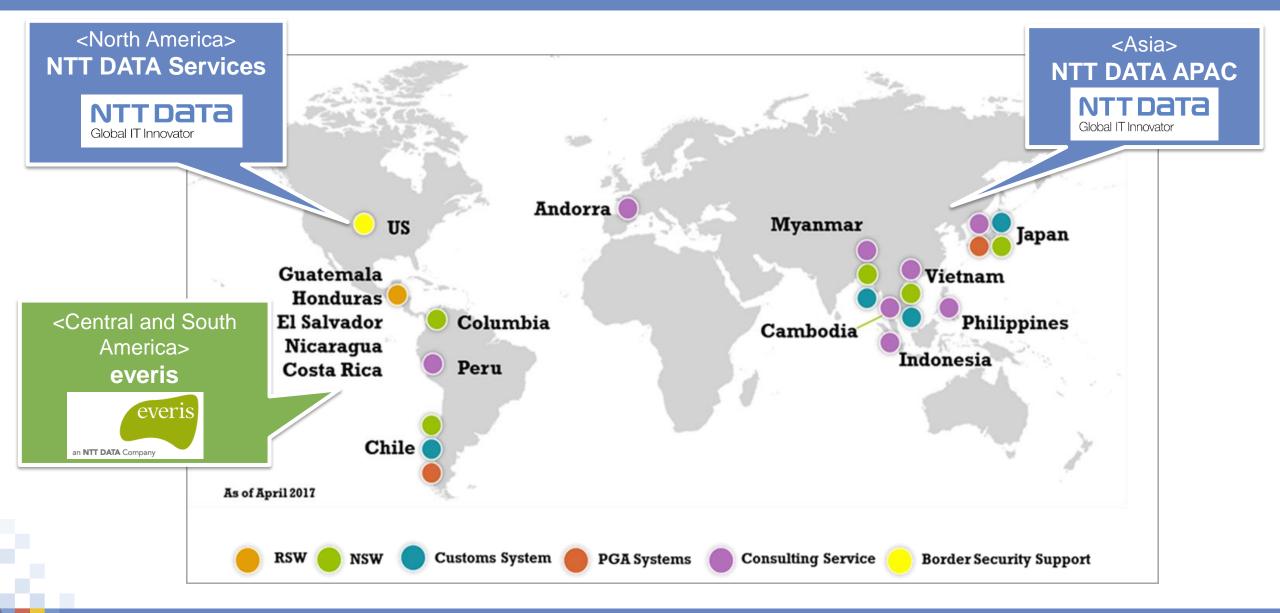
- The largest System Integrator in Japan
- Global Top 9 System Integrators



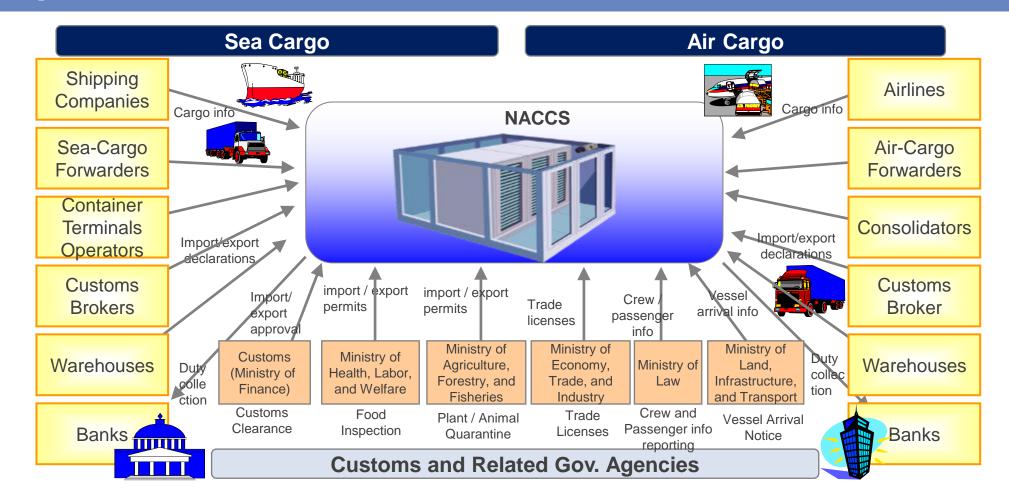
Our Experience in Asia



Our Global Coverage in Customs and Trade

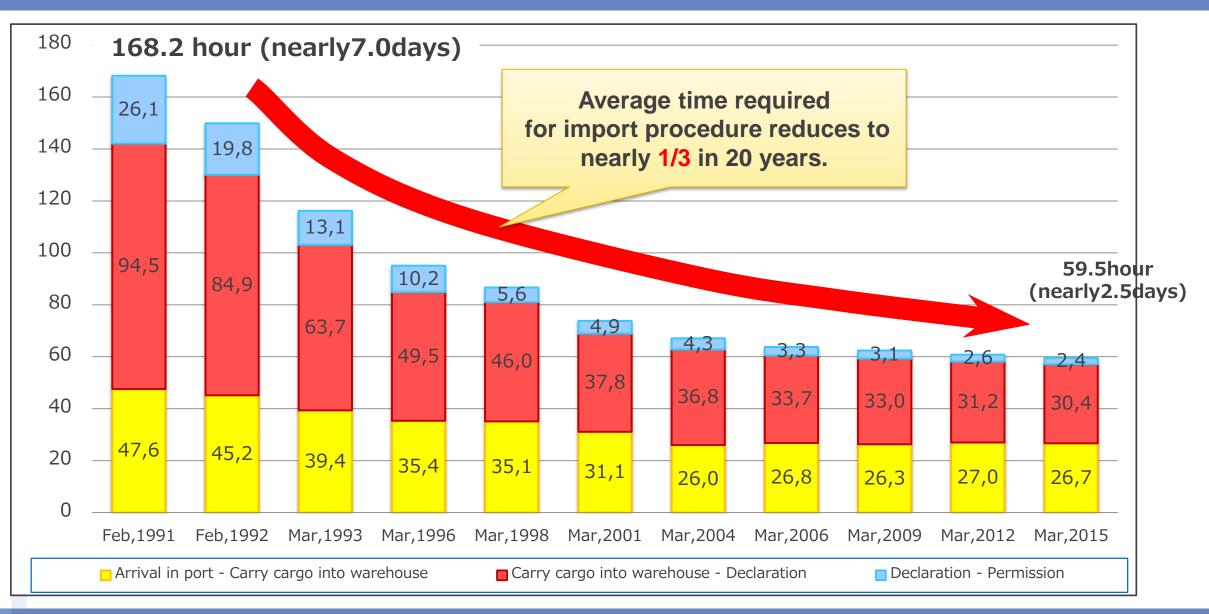


Our Experience: NACCS

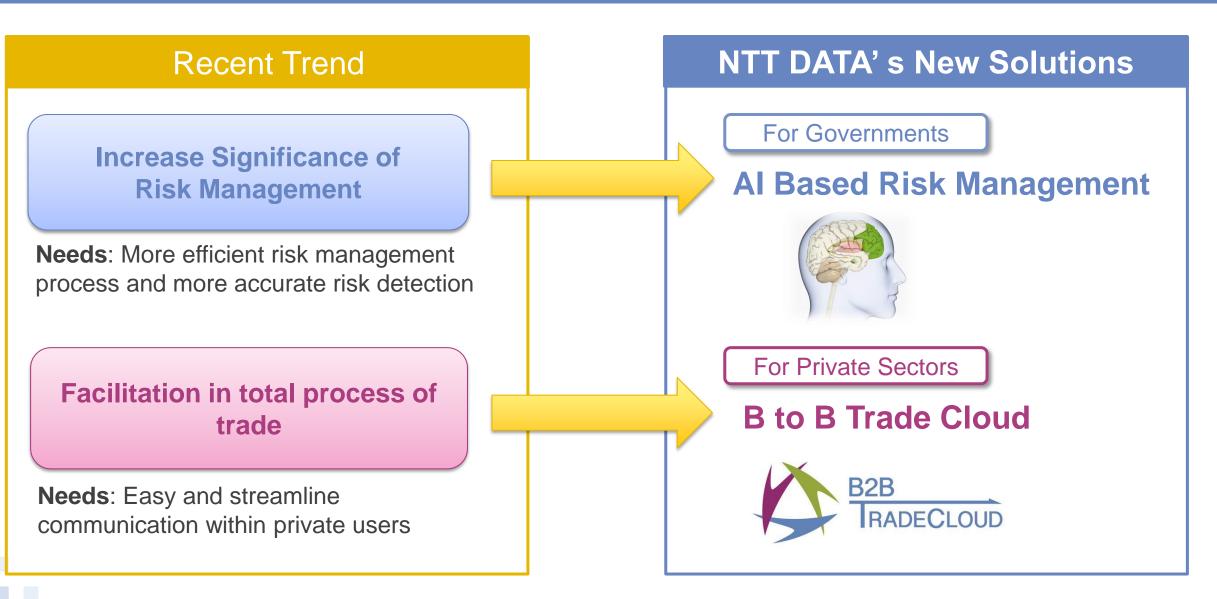




Benefit of NACCS

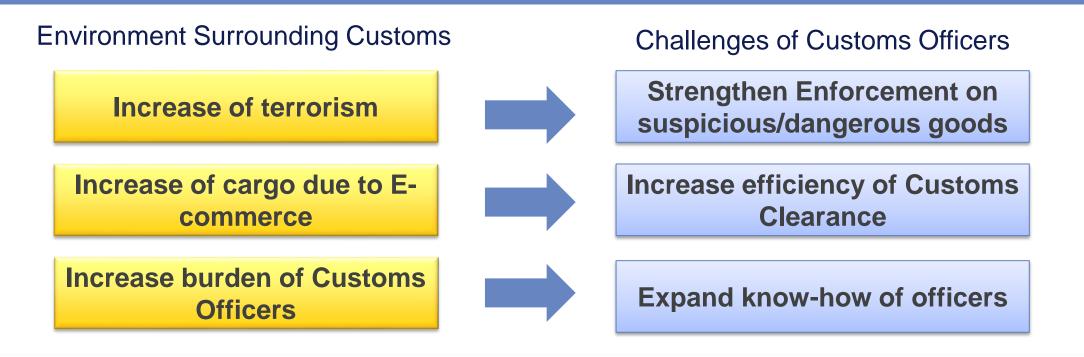


Today's Topics



AI Based Risk Management Solution

1. Challenges of Customs Officers in Risk Management



Need to deal with these challenges immediately otherwise...

> Inflow illegal goods into the country

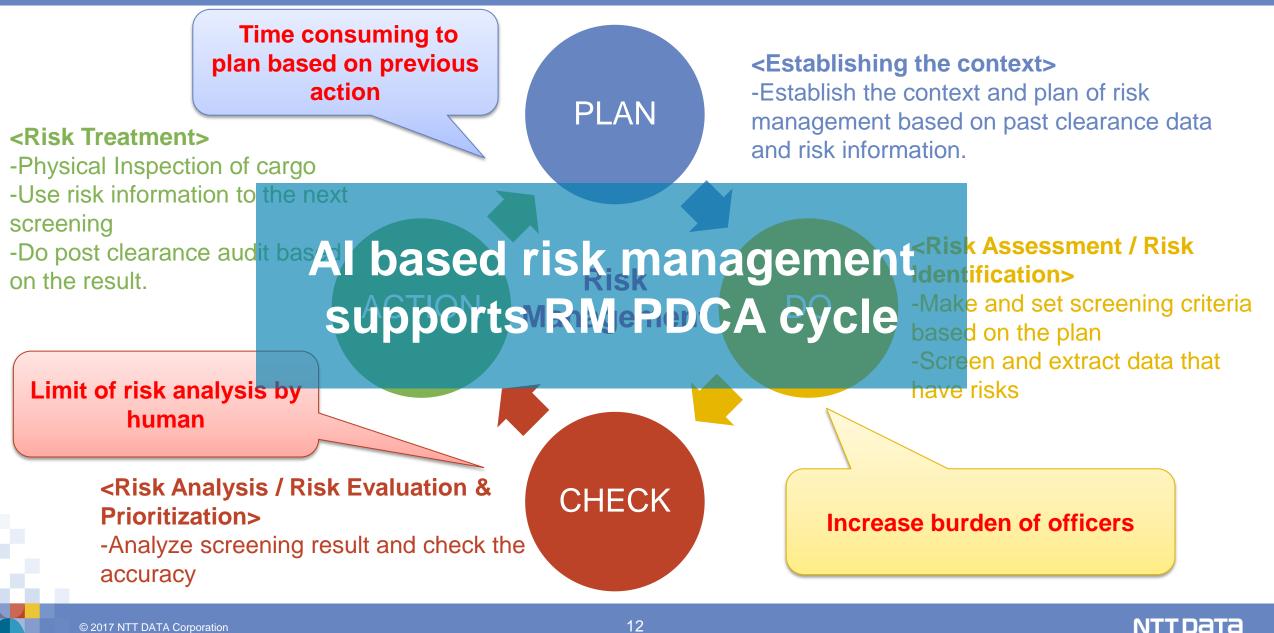
Missing collection of customs duties

Increase time and cost in customs clearance

Further Increase of burden

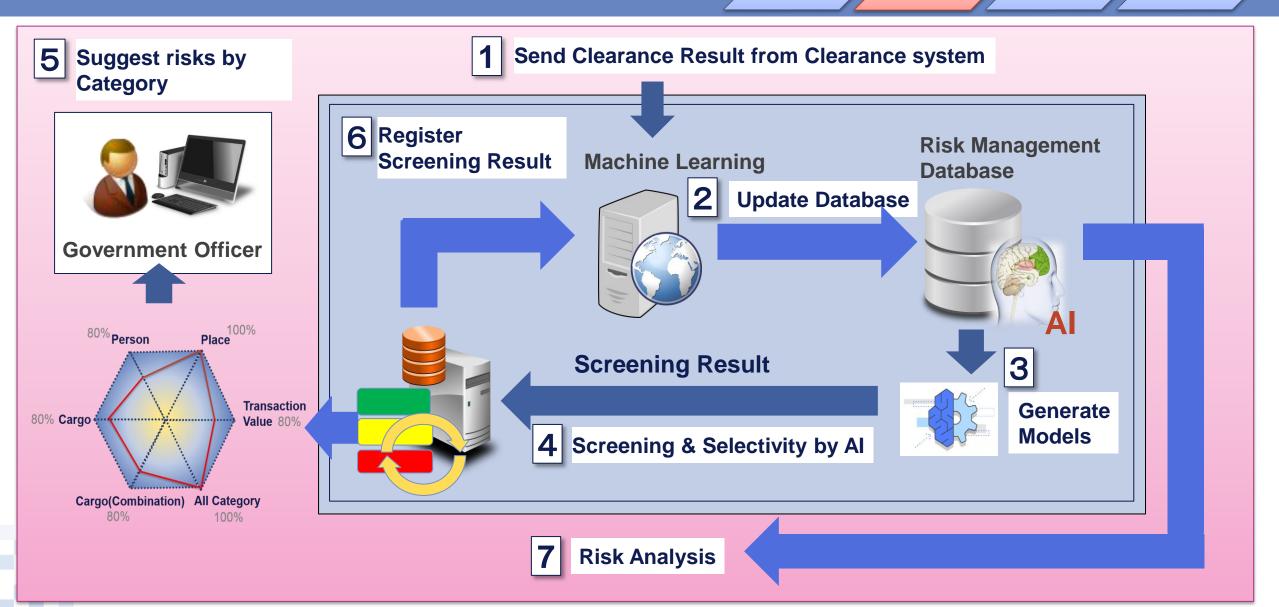


2. NTT DATA's Approach for the efficient and accurate Risk Management



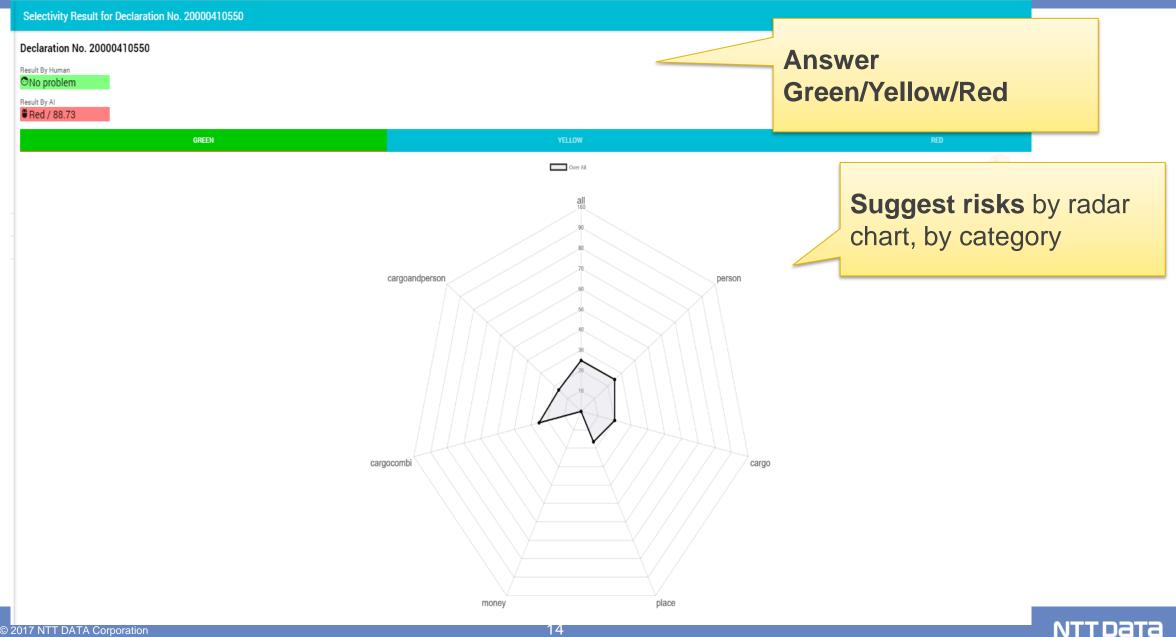
AI based Risk Management Solution

Inspection Clearance

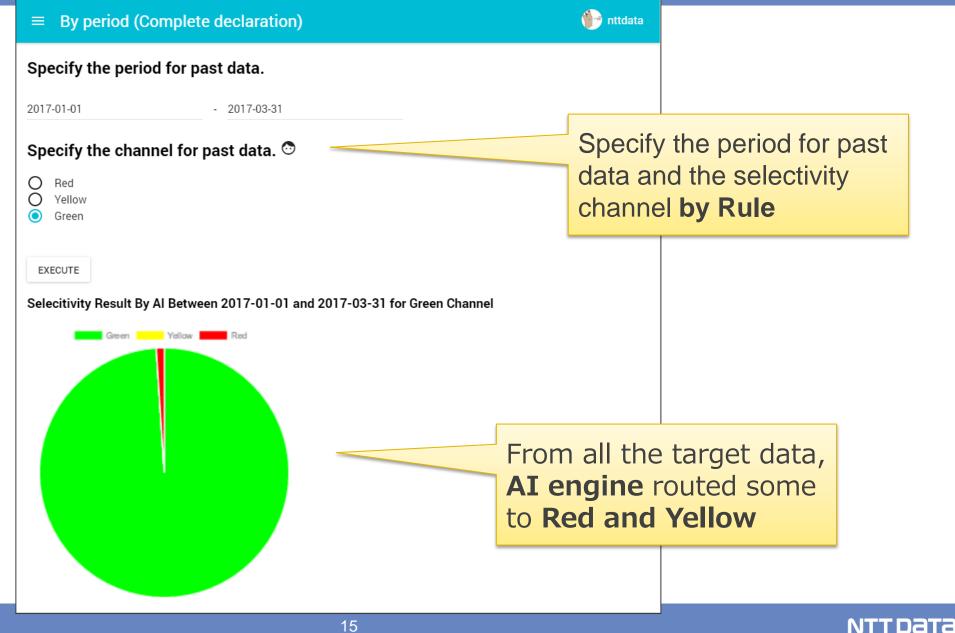




Screen Image 1: Screening of new declaration



Screen Image 2: Risk Analysis

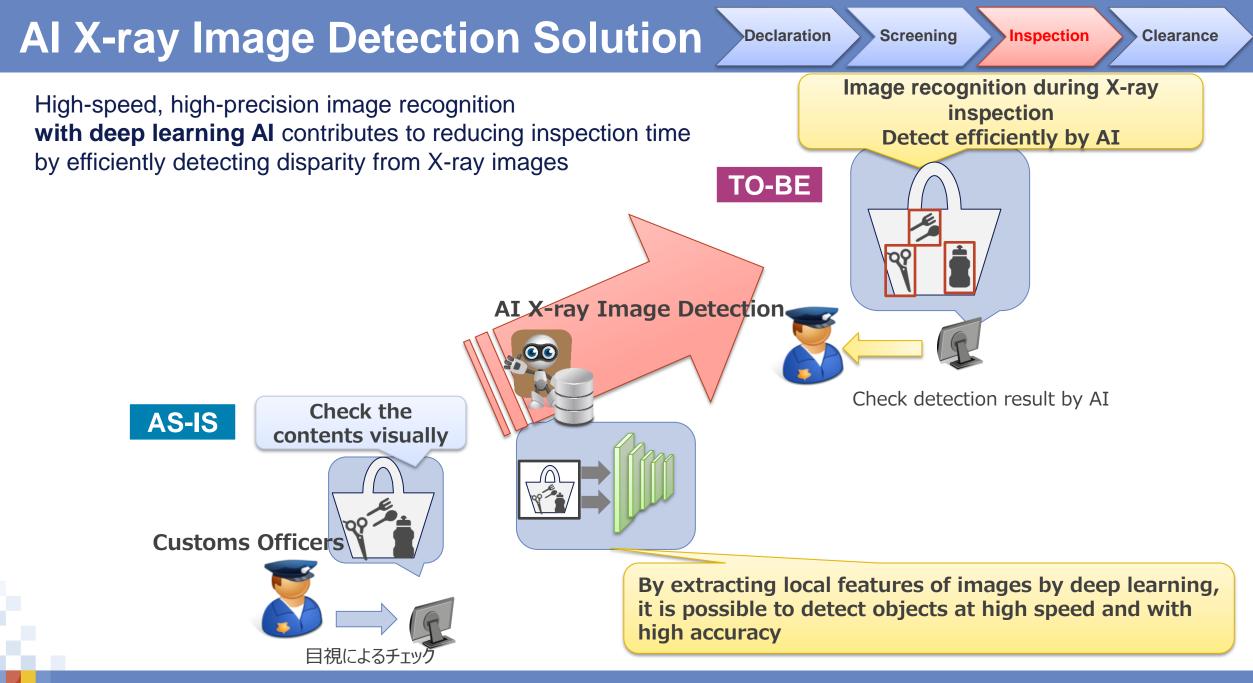


Screen Image 2: Risk Analysis

List of selectivity result - Page 1					🕑 n <mark>a kanala</mark>		
Green Result between 2017-01-01 and 2017-03-31 for Target Data of Red Channel						Risk probability of each	
GREEN		YELLOW			RED	declaration	
			Previous 1 Next		L		
Declaration No.	OBy Human	By Al	Green	Yellow	● Red		
20000369750	No problem	Red	39.3	0.33	60.36		
20000388150	No problem	Red	0	53	60		
20000396950	No problem	Red	1.67	38.33	60		
20000400150	No problem	Red	7	33	60		
20000402550	No problem	Red	16.45	29	54.55		
20000404150	No problem	Red	19.12	26.33	54.55		
20000410550	No problem	Red	0	15.67	88.73		
20000416950	No problem	Red	40.46	5	54.55		
			Previous 1 Next				

Show risk suggestion graphically by category	Screening engine that officers can know its cause of decision	Specific screening points are weighted and can customized
Governments can keep security and confidential data within	Can integrate with existing customs system	Can start from POC using the real data

the country



B to B Trade Cloud

Intro of B2B TradeCloud B2B TradeCloud

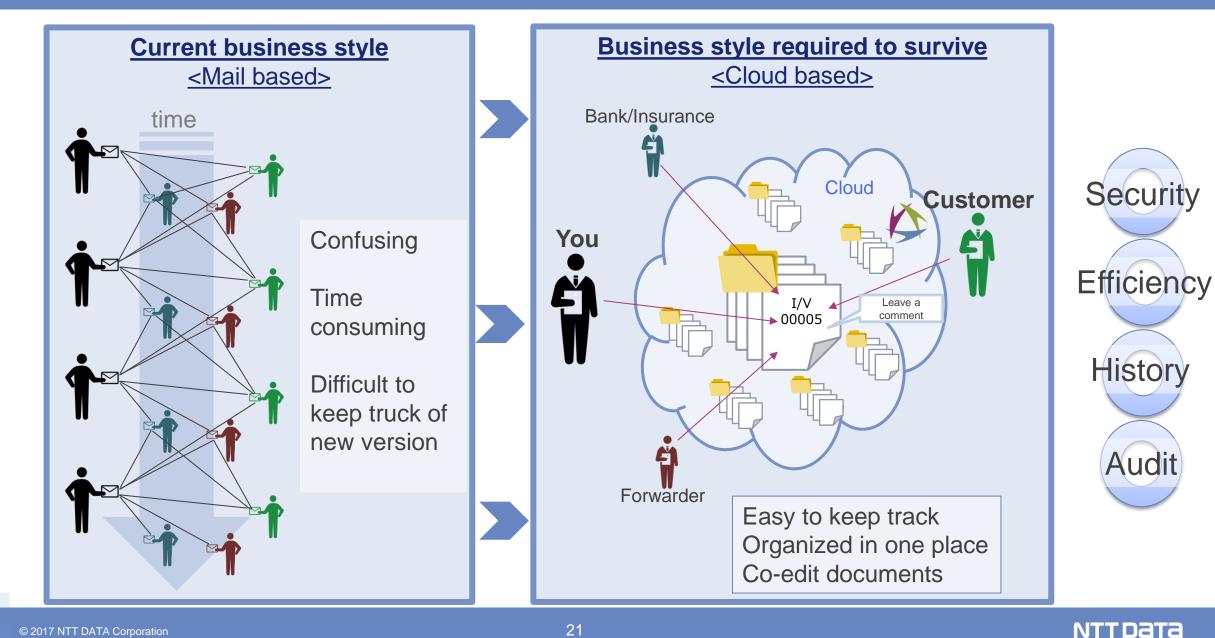


For advanced logistics management and communication

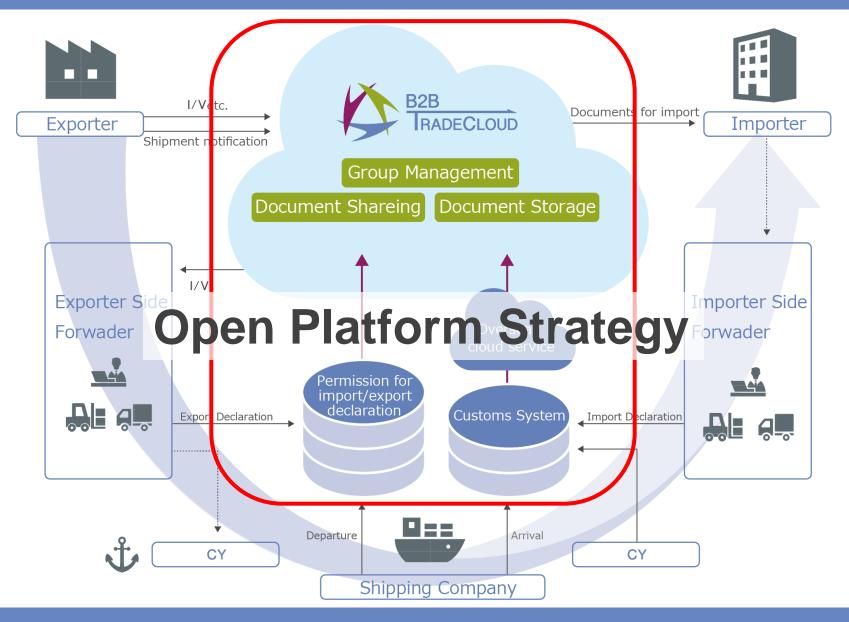
1. Open platform strategy: Tracking

2. Government to Government connection

B2B TradeCloud: Trade document sharing platform on CLOUD

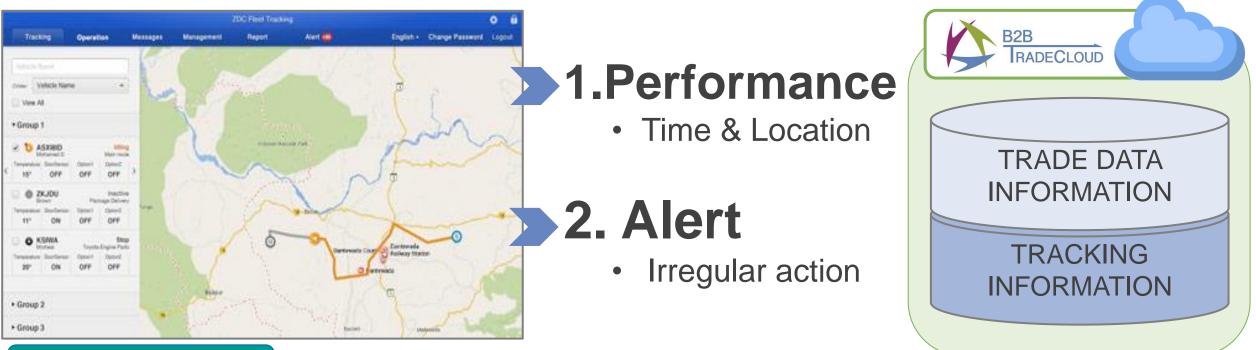


B2B TradeCloud: Open platform



Strengthen trade operation by IoT

B2B TradeCloud is a cloud service which supports the management of information (logical) and tracking information(physical) across borders.

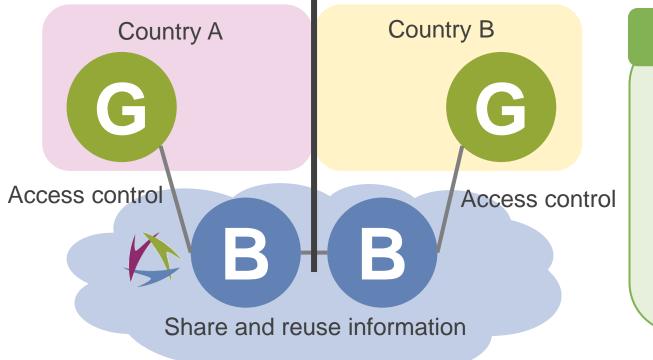


Benefits

- Concrete performance analysis and afford sheer improvement cycle
- Quick response to irregular case with clear view of document & delivery

Combination of G-B-B-G

The following formation of G-B-B-G will also enable efficient use of trade information.



Benefits

- Efficient use of information speeds up the operation
- Less mistakes in documents

NTTDATA

B2B support transmitting necessary information between G-G

Thank you for your attention.

NTT DATA Corporation

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Exhibition booth: **#9&10**

