



The views expressed in this presentation are the views of the author and do not necessarily reflect the views or policies of the Asian Development Bank (ADB) or its Board of Directors, or the governments they represent. ADB does not guarantee the accuracy of the data included in this presentation and accepts no responsibility for any consequences of their use. Terminology used may not necessarily be consistent with ADB official terms.

*Картина "Хижина таможенника"
—Клод Моне*

CrimsonLogic TradeNet и система электронной таможни



CrimsonLogic

makes • better • sense

В начале

B-G Lee
on the
transfer
of
info

THE computerisation of the civil service was part of the national Information Technology (IT) plan, made public by the Acting Trade and Industry Minister, Brigadier-General (Res) Lee Hsien Loong yesterday.

While the original aim of the programme, begun more than five years ago, is to make the civil service more efficient, its role under the plan is to transfer public sector experience in computerisation to the industry.

The minister said, as a first step, more projects under the next five years of the civil service computerisation programme, would be given to private sector.

Ways are now being worked out on how to pass on information systems and technical experience acquired during the initial years of the civil service computerisation to industry.

There are also plans to open up government databases like economic indicators, land use and business information to the public.

The NCI has 300 computer professionals supporting 17 government ministries and agencies which have computerised their operations. This includes the education and finance ministries and the Corrupt Practices Investigation Bureau, Auditing-General's Office and Public Service Commission.

The minister also said in his opening speech at the Singapore Informatics '86 fair at the World Trade Centre that an electronic link-up of all trading houses and government agencies like Customs, airport and the Port of Singapore Authority could happen in about two years' time.

Called TradeNet, this trading information system would allow for exchange of information and faster clearing of trading documents, thereby enhancing the international competitiveness of Singapore firms, he said.

«Стрейтс таймс»
от 3 декабря
1986г.

"Called TradeNet, this system would allow for exchange of information and faster clearing of trading documents, thereby enhancing the international competitiveness of Singapore firms."

The Straits Times
3 December 1986

B-G Lee
on the
transfer
of
info

THE computerisation of the civil service was part of the national Information Technology (IT) plan, made public by the Acting Trade and Industry Minister, Brigadier-General (Res) Lee Hsien Loong yesterday.

While the original aim of the programme, begun more than five years ago, is to make the civil service more efficient, its role under the plan is to transfer public sector experience in computerisation to the industry.

The minister also said in his opening speech at the Singapore Informatics '86 fair at the World Trade Centre that an electronic link-up of all trading houses and government agencies like Customs, airport and the Port of Singapore Authority could happen in about two years' time.

Called TradeNet, this trading information system would allow for exchange of information and faster clearing of trading documents, thereby enhancing the international competitiveness of Singapore firms, he said.



CrimsonLogic

makes better sense

TradeNet wins top American award

SINGAPORE'S TradeNet, the electronic data interchange network, has won an international award from a leading society for information technology in the United States.

The Society of Information Management (SIM) presented its prestigious "Partners for Leadership" award to the Trade Development Board and National Computer Board for their joint efforts in developing the TradeNet system to enhance the Republic's productivity and international competitiveness.

The other award winner this year is K-Mart Corporation of the US, where two of its senior executives were honoured for creating the company's retail automation program.

The Chairman of SIM's leadership award selection committee, Mr Tom Morin, said: "Singapore is committing a tre-

mendous amount manpower to impetitive position in tional trading are saves the countr dollars and incre ciency and capa cessing trade orde

"This serves as example of an or ing information gain worldwide vantage," he add

The TDB's Ch Officer, Mr Yeo S the NCB's Divisi (IT Application), Hwa, received th the SIM Preside Hammitt, at SIM ference in Atlanta

Mr Yeo said award was an ach was the first tim given to an ove ship project.

THE STRAITS TIMES, MONDAY, OCTOBER 2,

SINGAPORE

THE STRAITS TIMES, FRIDAY, APRIL 22, 1988

Computerised network can save up to \$1b in paperwork

System will speed up trade documentation and cargo clearance

By SIVAM SUBRAMANIAM

THE trading community here can save about \$1 billion in paperwork annually when a computerised network for trade documentation, called TradeNet, becomes fully operational by mid-1990.

Singapore is the first country in the world to have such an integrated network. It will enable traders, cargo agents, shipping agents, freight forwarders and government agencies to interchange trade documents and obtain common information.

Sixteen months after Trade and Industry Minister Brigadier-General (Mrs) Lee Hsien Loong launched the idea, the Government yesterday announced the formation of a company to implement and market TradeNet services.

The other shareholders are the Port of Singapore Authority, Telecoms and the Civil Aviation Authority of Singapore, which own 15 per cent each. He said it will be run on a commercial basis. Users will be charged a commercial rate, to be fixed later.

Mrs Pearly Chan, the general manager of SHS, said the contract for the technical design of the system has been awarded to IBM under an open tender. However, the contract for software development and system implementation has not been awarded yet.

This will open up numerous business opportunities for the computer companies here, said Mr Lim Shee Say, general manager of NCB.

TradeNet will be implemented in stages, Mr Yeo said.

By the end of this year, its first stage, the trading community will be able to electronically deal with TDB to clear all the necessary trade documents handled by the board.

By the first half of next year - the second stage - all the 10 government bod-

However, as it is more efficient, Singapore imposes less paperwork on traders, said Mr Yeo.

But even if the paperwork here accounts for only 1 per cent of the Republic's trade, the savings is still phenomenal as total trade last year amounted to \$10 billion.

On the SNS, Mr Yeo said TDB has a 55 per cent share of the company which has a paid-up capital of \$5.5 million.

Opportunities for computer firms

The other shareholders are the Port of Singapore Authority, Telecoms and the Civil Aviation Authority of Singapore, which own 15 per cent each.

He said it will be run on a commercial basis. Users will be charged a commercial rate, to be fixed later.

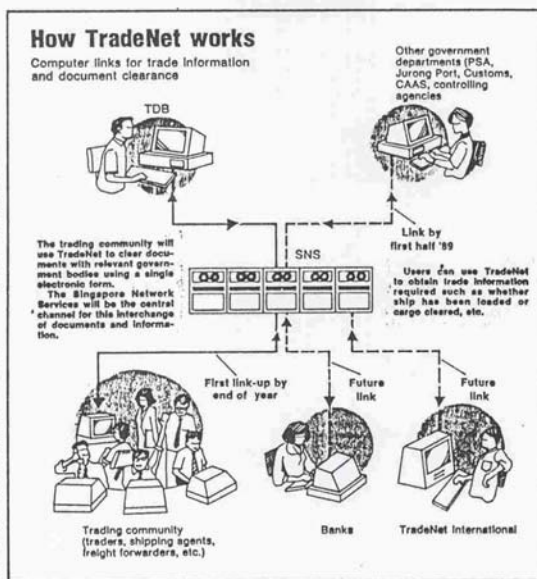
Mrs Pearly Chan, the general manager of SHS, said the contract for the technical design of the system has been awarded to IBM under an open tender. However, the contract for software development and system implementation has not been awarded yet.

This will open up numerous business opportunities for the computer companies here, said Mr Lim Shee Say, general manager of NCB.

TradeNet will be implemented in stages, Mr Yeo said.

By the end of this year, its first stage, the trading community will be able to electronically deal with TDB to clear all the necessary trade documents handled by the board.

By the first half of next year - the second stage - all the 10 government bod-



ies involved with trade, including PSA, CAAS and the Customs Department, will also be accessible to the traders via the system. There are future plans to link the system to banks to facilitate trade financing as well. Ultimately, TradeNet will be connected to similar trading networks overseas to allow the Republic's traders to interchange

trade documents with their counterparts elsewhere and to strike trade deals electronically, said Mr Yeo. The computer language of TradeNet has been designed to be compatible with international standards, he added. All a company needs to use it is a personal computer, he said.

Mr Lim said that as more than 64 per cent of the small and medium-sized enterprises here have personal computers, this will not pose a problem. For those without PCs, trade associations are prepared to set up bureau services for their members, he added. In connection with this, NCB has also released a

TradeNet has more than 120 users

IN JUST less than four months, TradeNet has won more than 120 subscribers. They made more than 150,000 trade declarations through the new electronic network linking companies to the Trade Development Board. And with the kudos it has won

TradeNet is the faster turnaround for document processing. Under the manual system, each document sent to be processed within 15 to 30 minutes. Under the manual system, permit is processed within the same time. This time advantage is especially critical for cargo agents, service companies and freight forwarders who need to test

TradeNet is the faster turnaround for document processing. Under the manual system, each document sent to be processed within 15 to 30 minutes. Under the manual system, permit is processed within the same time. This time advantage is especially critical for cargo agents, service companies and freight forwarders who need to test

TradeNet is the faster turnaround for document processing. Under the manual system, each document sent to be processed within 15 to 30 minutes. Under the manual system, permit is processed within the same time. This time advantage is especially critical for cargo agents, service companies and freight forwarders who need to test

TradeNet is the faster turnaround for document processing. Under the manual system, each document sent to be processed within 15 to 30 minutes. Under the manual system, permit is processed within the same time. This time advantage is especially critical for cargo agents, service companies and freight forwarders who need to test

TradeNet is the faster turnaround for document processing. Under the manual system, each document sent to be processed within 15 to 30 minutes. Under the manual system, permit is processed within the same time. This time advantage is especially critical for cargo agents, service companies and freight forwarders who need to test



Услуги CrimsonLogic



**Компоненты
электронной службы**



Платформы и технология



**Международные
стандарты**

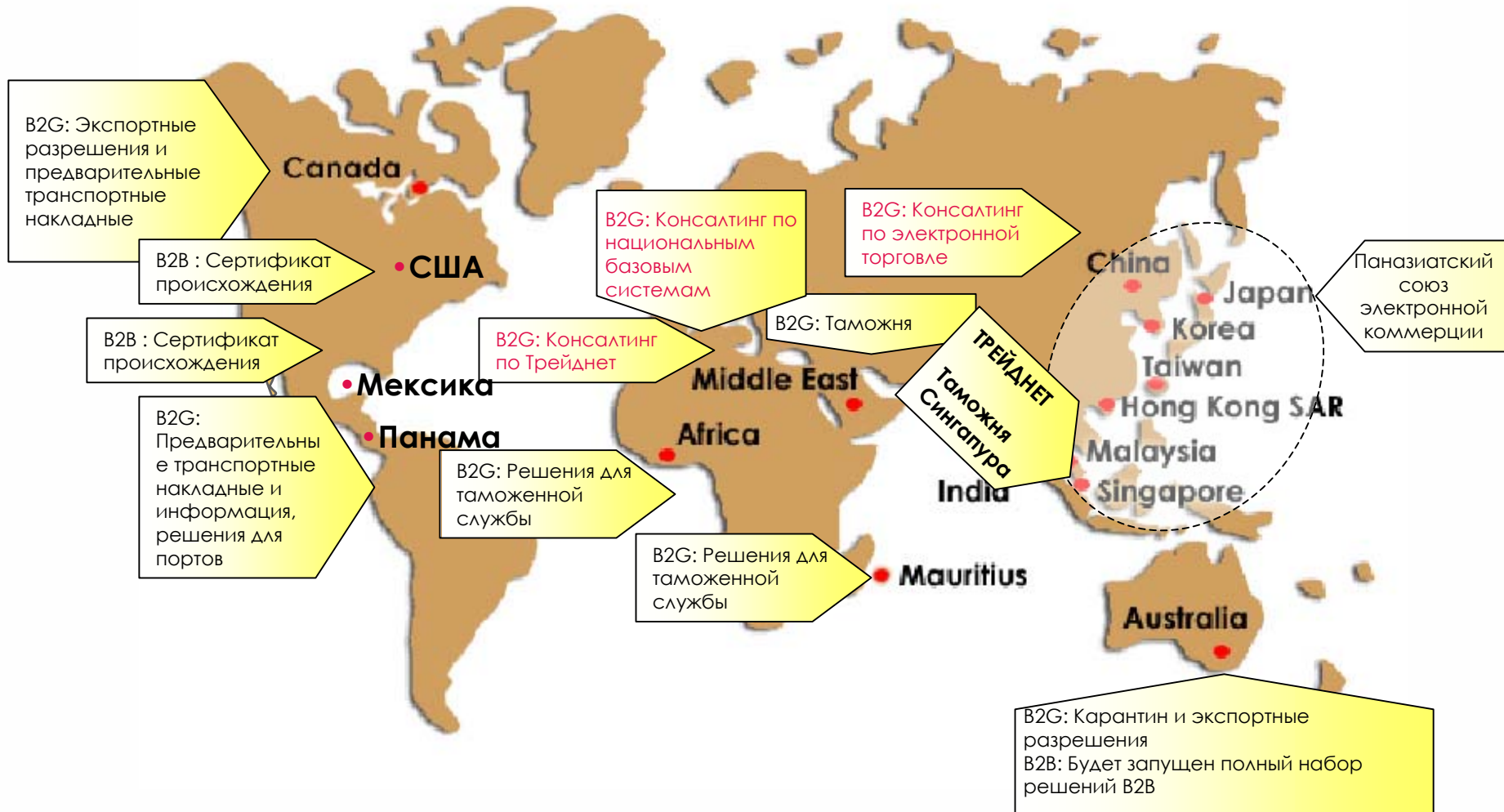


CrimsonLogic

makes • better • sense

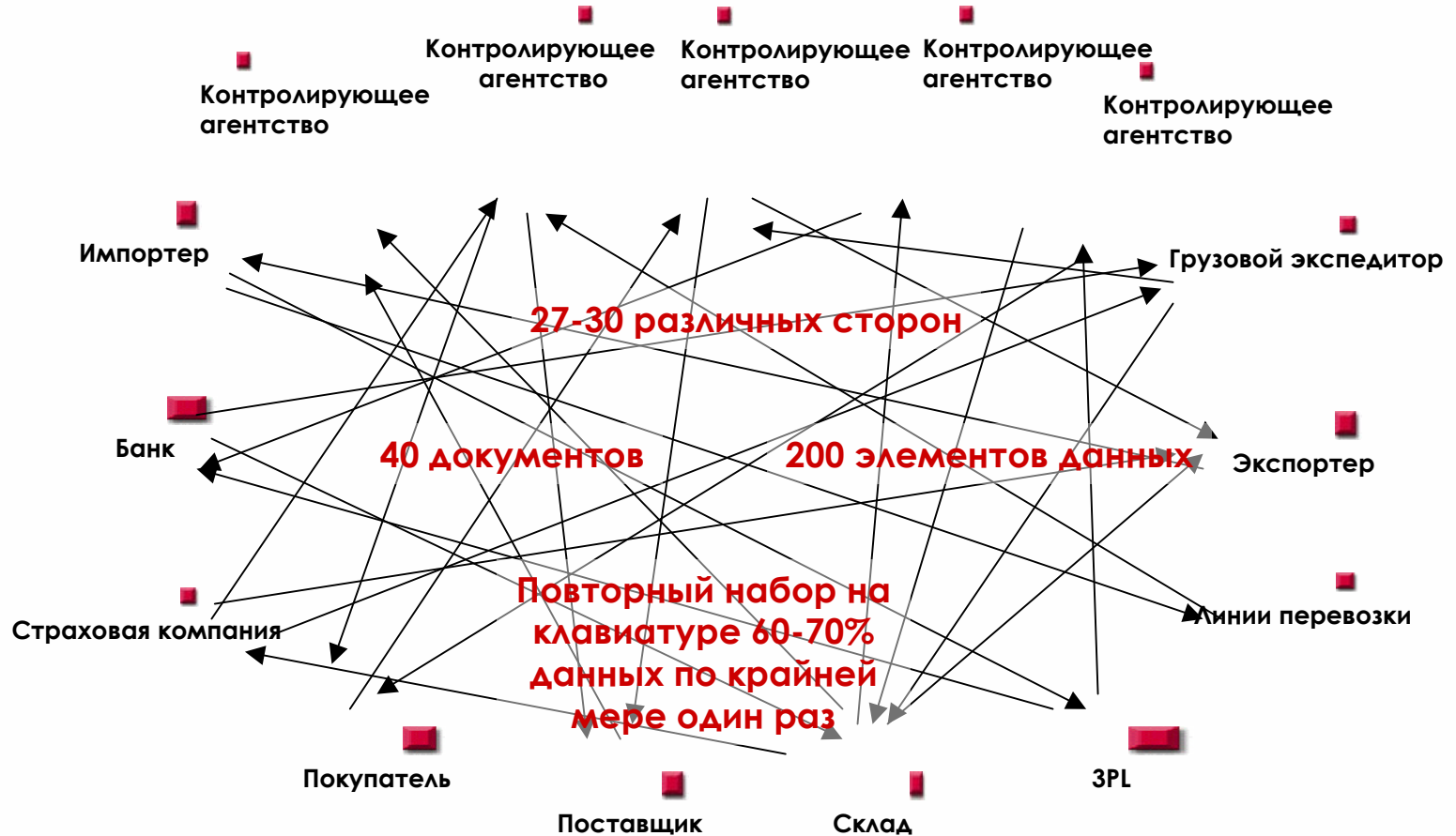
Проекты по таможенной службе и торговле

ИСПОЛЬЗОВАНИЕ РЕШЕНИЙ МИРОВОГО КЛАССА ПО ВОПРОСАМ ТОРГОВЛИ

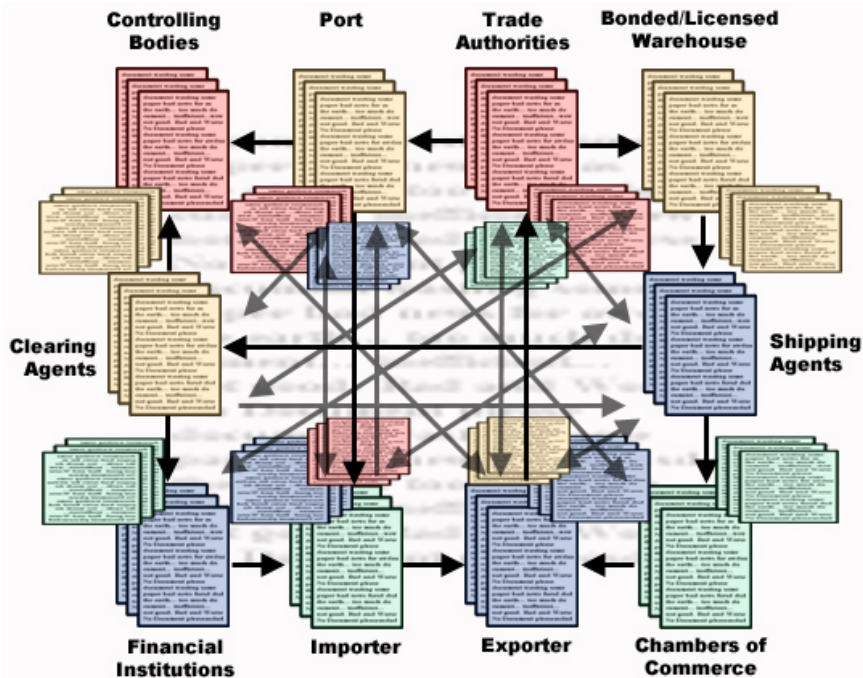


О Трейднет

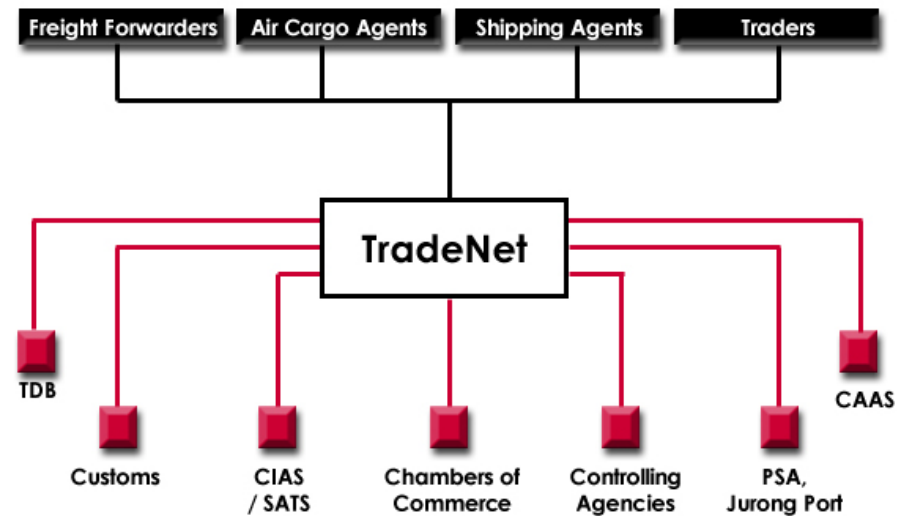
Неэффективные процедуры торговли



До Трейднет



После Трейднет



Трейднет сегодня

- «Одно окно» для таможенного администрирования и содействия торговле
- Баланс между функцией регулирования и функцией содействия торговле, поддерживаемый технологиями безопасности
- Содействие трансграничной электронной торговле
- Возможность масштабирования
- Интернационализация



1989
1-ая реализация



1994
Модификация:
налог на товары и
услуги



1999
Модификация:
стандарт
датировки после
2000г и модерн-ция
версии



2000
Планирование
выбора
оптимальной
платформы



2002
Выбор
оптимальной
платформы

Преимущества и достижения

- Усовершенствованные услуги клиентам
- Легкость в использовании
- Большая эффективность и продуктивность
- Возможность обеспечения технического обслуживания
- Легкое применение
- Экономичность
- Легкость интеграции и способность к взаимодействию
- Возможность масштабирования



1989
1-ая реализация



1994
Модификация:
налог на товары и
услуги



1999
Модификация:
стандарт
датировки после
2000г и модерн-ция
версии



2000
Планирование
выбора
оптимальной
платформы



2002
Выбор
оптимальной
платформы

Трейднет сегодня:

- Обслуживает более 2,500 компаний с 8,000 пользователями
- Обрабатывает примерно 8 миллионов заявок на разрешения в год
- Более 97% всех заявок обрабатываются автоматически
- Охватывает обработку 34 контролирующих подразделений
- Предусматривает более 6,000 процедур проверки достоверности и правил обработки



1989
1-ая реализация



1994
Модификация:
налог на товары и
услуги



1999
Модификация:
стандарт
датировки после
2000г и модерн-ция
версии



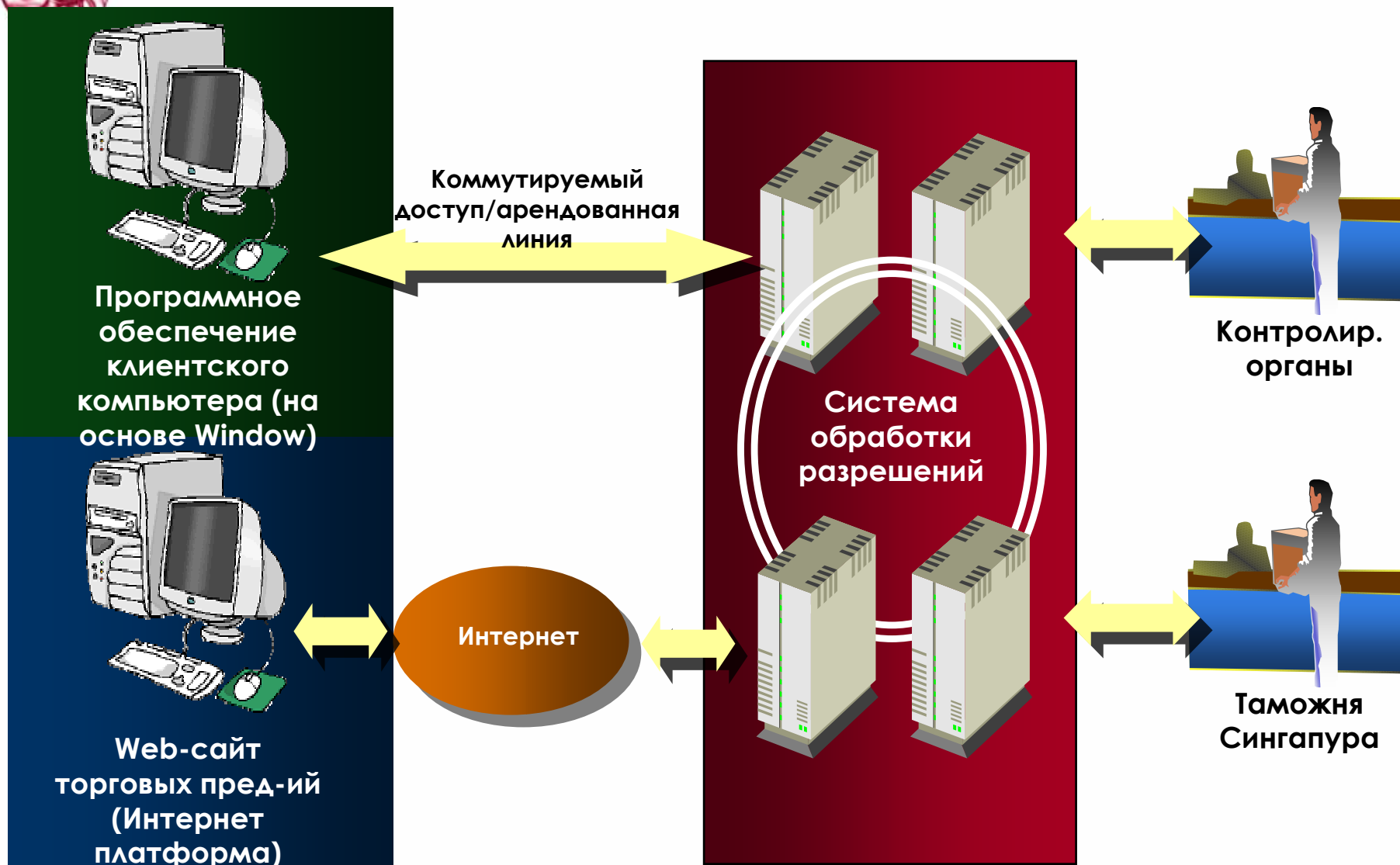
2000
Планирование
выбора
оптимальной
платформы



2002
Выбор
оптимальной
платформы

Система Трейднет

(Выбор Unix как оптимальной платформы в 2001)



Трейднет

Трейднет – первая в мире общенациональная система электронного обмена данными

- Гарвардская школа бизнеса, 1993 и 1995

“По оценкам Трейднет экономит для торговых предприятий Сингапура около 1 миллиарда долларов США в год.”

- Роберт М. Хоуи, IBM

“...Заполняешь одну онлайн-форму и получаешь импортную или экспортную лицензию через 15 секунд...”

- McKinsey, ежеквартальное издание, 2001г. № 2

“...получила звание лучшей электронной системы в Азии в категории содействия торговли”

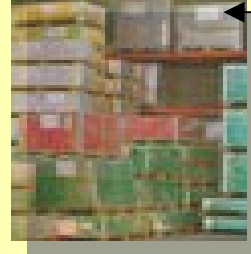
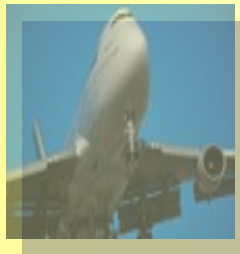
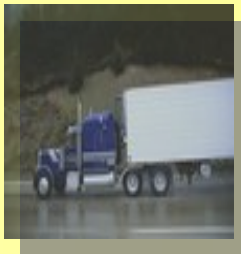
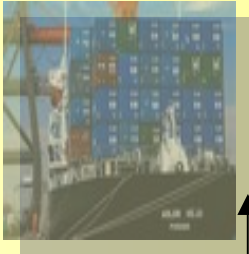
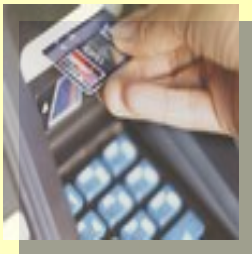
- 2003г., сентябрь



Единое электронное окно

Совместная торговля

Заинтересованные стороны по всей цепи торговли и логистики



**Производитель /
Экспортер**



**Электронное
архивирование**



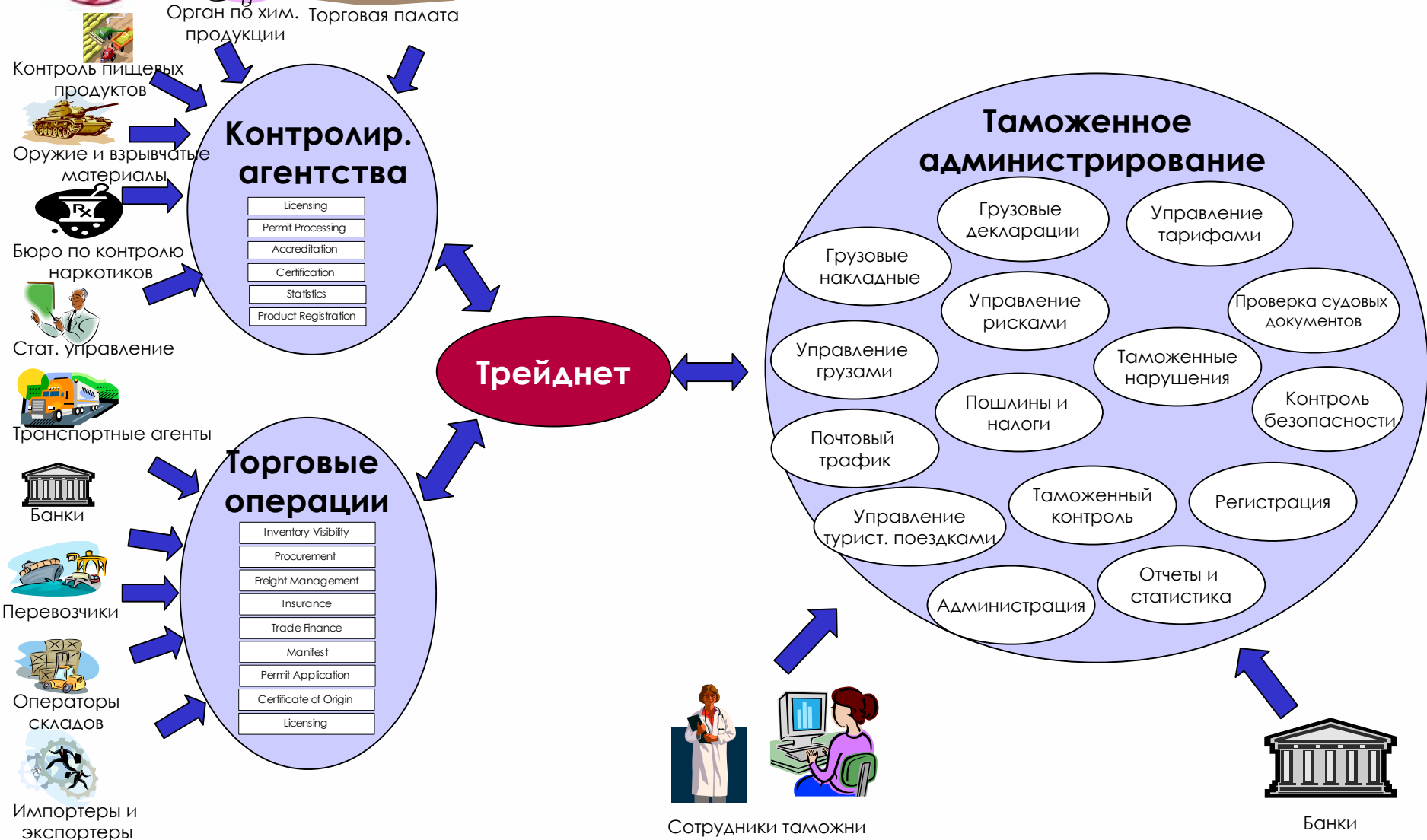
S.E.W.



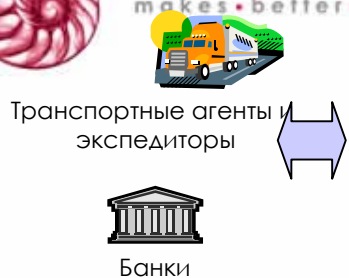
Импортёр

**Контролирующие агентства/
таможенная служба**





Основная прикладная система таможенной службы



Агент по торговле

Inventory Visibility	Warehousing
Procurement	Cargo Manifest
Freight Management	Goods Declaration
Insurance	Certification
Trade Finance	Licensing & Accreditation



Интернет / коммутируемый доступ

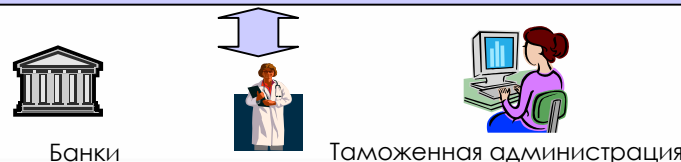
Контролирующие агентства

Licensing & Accreditation
Goods Declaration Processing
Certification
Statistics
Product Registration

Решение по таможенному администрированию

Jerquing			
Cargo Manifest	Cargo Management WareHousing FreeZone	Goods Declaration Import / Export Transit	Traveller Management
Duties & Taxes		Payment & Collection	Assessment
Risk Management			Tariff Management
Security Management			Customs Control
User and Company Registration			Customs Offence
Administration			

Reports & Statistics



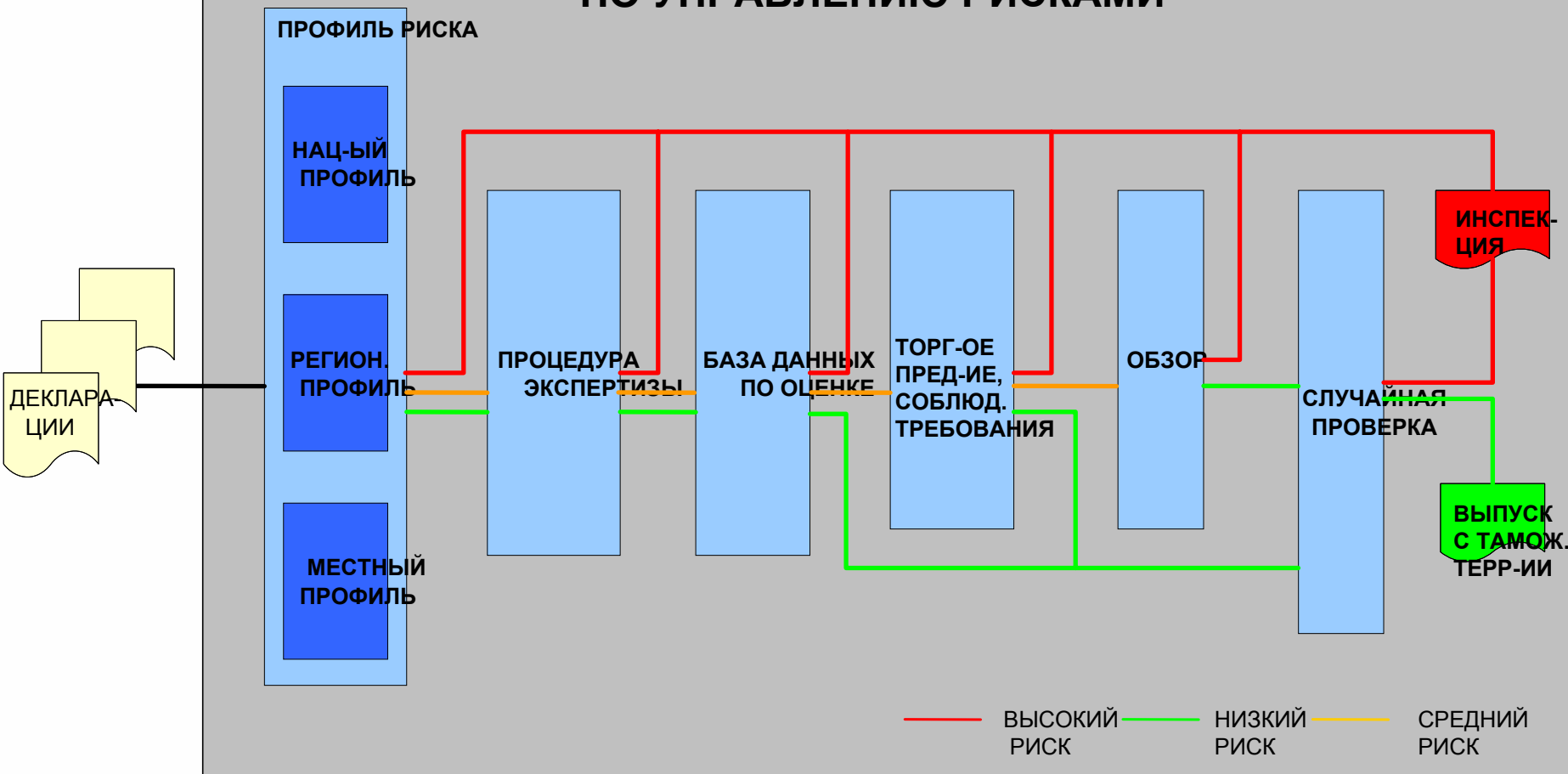


CrimsonLogic

makes • better • sense

Модуль CrimsonLogic по управлению таможенными рисками

РАБОЧИЙ ПОТОК ДОПУСКА ПО УПРАВЛЕНИЮ РИСКАМИ





CrimsonLogic

makes • better • sense

Процессорная обработка CrimsonLogic по таможенным стандартам

Трейднет 21



SaudiEDI



Panama Adv. eMan



Эл. таможня



Уровень
приложений

Торговля

Оценка

Подсчет тарифов

Управление рисками

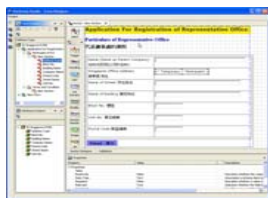
Уровень
Областей
применения

База данных по стандартам ведения бизнес деятельности

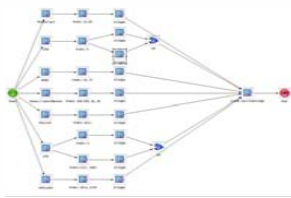
Синтаксис бизнес правил

Редактор стан-ов на осн XML

Разработчик стандартов



Атрибуты и граматика



Политика комплексной сверки



Профиль и поиск

Уровень
процессоров

Rules Processor

Определяет
конечного
пользователя

Выполнение
в реальном
масштабе времени

Масштабируемые
стандарты

Легкость
запроса

Сторона
пользователя

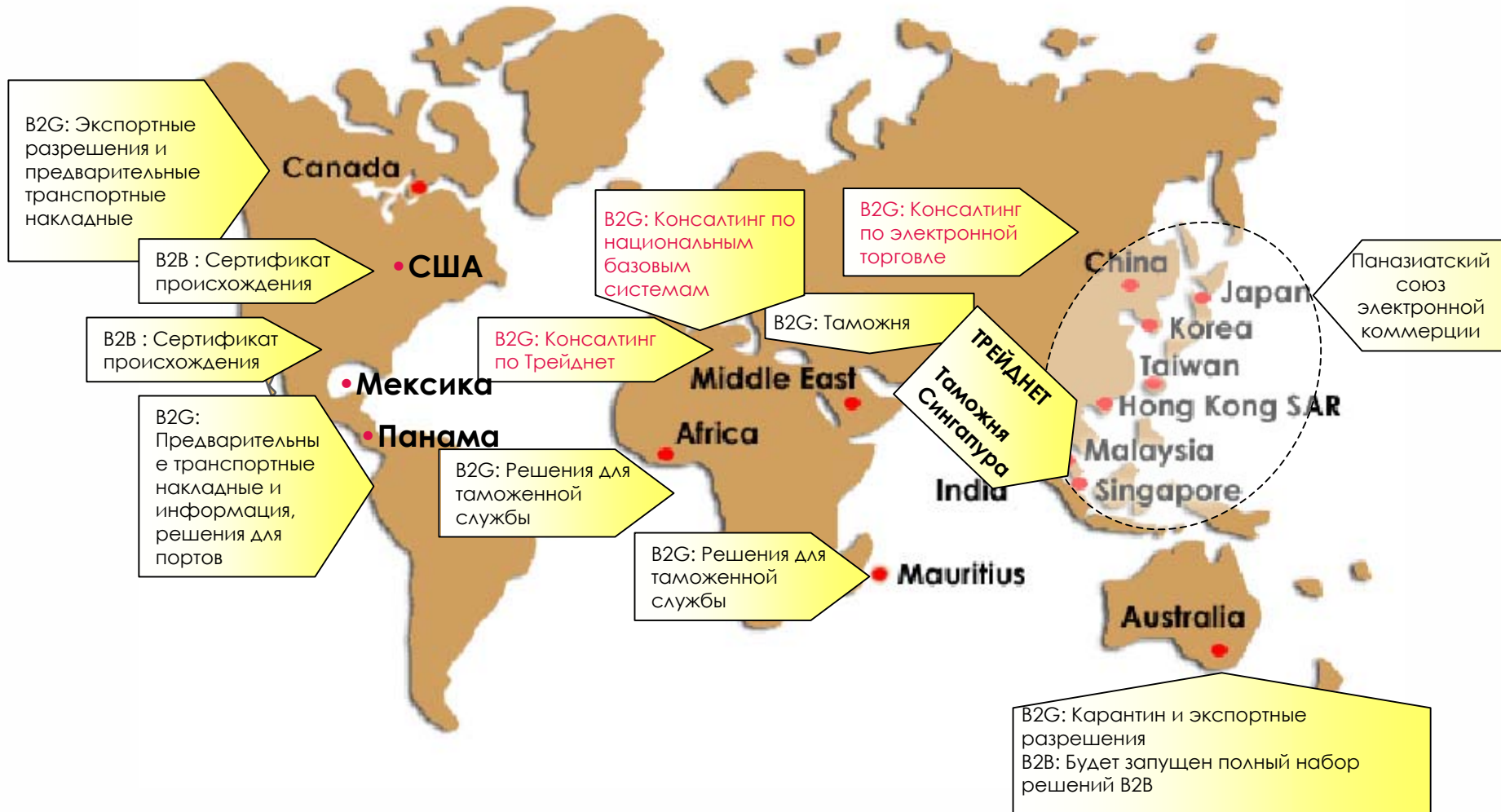


CrimsonLogic

makes • better • sense

Проекты по таможенной службе и торговле

ИСПОЛЬЗОВАНИЕ РЕШЕНИЙ МИРОВОГО КЛАССА ПО ВОПРОСАМ ТОРГОВЛИ



Обслуживание таможенных органов в разных странах мира



Спасибо