Customs in the Cloud

Enabling Innovative Customs Solutions

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Corporate Vice President
Microsoft Worldwide Public Sector
Change is affecting how we live, work, and interact with people all around the world.
Microsoft World Wide Public Sector

Government  Health  Education  Public Safety & Defense

Solutions for the Needs of Public Sector
Holistic and Partnership-based Approach
Policy Goals First, Technology Second
Complex Challenges, Rapid Change

- Political
- Social
- Economics
- Natural
The Cloud Continues the “Democratization” of IT

“A PC On Every Desk And In Every Home!”
Changing the technical capacity of everyone

AGILITY

EFFICIENCY

INNOVATION

Public Cloud
Private Cloud
Community Cloud
Flexibility for Changing Needs

“On and Off”
- Compute
- Average
- Inactivity Period
- Usage
- Time

“Growing Fast”
- Compute
- Average Usage
- Time

“Unpredictable Bursting”
- Compute
- Average Usage
- Time

“Predictable Bursting”
- Compute
- Average Usage
- Time
LoveCleanStreets

Pivot View Analysis

This is a preview of our pivot viewer tool showing you the details of recent reports. The version introduces dramatic performance improvements in displaying the data. A new version showing more data and facts with the same high-performance enhancements.

The pivot viewer shows reports from the entire Love Clean Streets network.
diabetes mellitus 8%
pediatric hypertension 2%
malaria 19%
sickle cell anemia 14%
malnutrition 23%
lifelens

cell detect

analysis
patient search
consult
locate
browse library

count: 101
The Central Challenge for Governments

Finding a way to **DO MORE** ...

... **WITH LESS**

### It can’t go on

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**Sources:** Vito Tanzi and Ludger Schuknecht; **IMF; OECD**

*1870-1937 central government, 1960-2009 general government*
The Customs Challenge
Working Together on Customs

Standards Bodies
- UN/CEFACT
- WCO
- EU

Donor & funding Organizations
- WBT
- USAID
- IADB
- GTZ
- EU
- EIB
- African Development Bank
- Asian Development Bank
- USTDA
- JICA
- UNDP

Regional Organizations
- Asean
- Comesa
- Ecowas
- EU
- SACU
How can technology help?

- Customs
- Imports & Exporters
- Treasury
- Brokers
- Banks
- Gov. Agencies

Single Window
A Vision for Customs Technology

Where we are now

Where we want to be

- **Phase 1:** Capture Information Electronically & Process
- **Phase 2:** Declare & Collaborate Information with Customs
- **Phase 3:** Connect All Stakeholders

Cyber Secure Border
Customs & Information Technology
A holistic view

UN/CEFACT Buy Ship pay model at core of system

- **Buy**
  - Prepare for export

- **Ship/Deliver**
  - Export
  - Transport

- **Pay**
  - Prepare for import

- **Import**

**Commercial Procedures**
- Crown Agents
- Descartes
- Gainde 2000
- GetGroup
- ICS - MicroClear
- Primus
- Tradefacilitate

**Transport Procedures**
- Aquasoft
- BIM
- Cotecna
- Greenline Systems
- Gainde 2000
- GetGoup
- Soget

**Regulatory Procedures**
- Crown Agents
- ICS - MicroClear
- Gainde 2000
- Porthus
- Aquasoft
- Tradefacilitate
- Greenline Systems
- GetGoup
- BIMV
- Primus

**Financial Procedures**
- BIM
- Gainde 2000
- GetGroup
- ICS - MicroClear
Customs & Information Technology

Partner Solutions

UN/CEFACT Buy Ship pay model at core of system

- Buy
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- Export
- Transport
- Prepare for import
- Import

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- ICS - MicroClear
Trans Kalahari Corridor

Bevan Simataa
Government of Namibia

Ranga Munyaradzi
Southern African Trade Hub
Trans Kalahari Corridor
Customs Connectivity

Windows Azure

Regional Single Window System
- Data relay
- Document Storage
- Reporting
- Dashboard

Namibia
- Namibian Customs
  - Asycuda ++ (Server)
  - Asycuda ++ client (Border)
  - Asycuda ++ client (Trader)

Botswana
- Botswana Customs
  - Asycuda ++ client (Border)
  - Asycuda ++ (Server)
  - Asycuda ++ client (Trader)

USAID | SOUTHERN AFRICA
SATH - Regional Single Window

Southern African Trade Hub
Regional Single Window Dashboard

Declarations per day
Average declaration time
Volume/Value per Country
Total Value per Country

Country:
- Namibia
- Botswana
- South Africa

Routes:
- Botswana to Namibia
- Botswana to South Africa
- Namibia to Botswana
- Namibia to South Africa

Week Starting: 30/04/2011
Last Updated: 08:42

Value
- Botswana
- Namibia
- South Africa

Metrics:
- Total Value
- Total Volume

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Our Goal Is To Be a Strategic Partner on Your Path to Customs Transformation

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