



3rd HEMISPHERIC CONFERENCE ON PORT SECURITY

Boosting Efficiency
through Secure Operations

Trends and Challenges

Capt. Karl Branch (Ret.)
Barbados Port Inc

18 Sep 2019





“Port security is an essential part of the safe, secure, and competitive operation of the maritime transportation system. It promotes the development of commerce and is an essential element in maritime trade competitiveness, which cannot be achieved merely by modernizing port infrastructure and increasing operating productivity.”





Shared cruise/ cargo berths
mean 24 hour security
operation





- ◀ Our Port is the Port of entry for 90% of manufacturing and retail goods as well as all of our cruise passengers. Barbados's main foreign exchange earner is tourism. Both from a commercial import and tourism perspective the port carries enormous responsibility with respect to the trade facilitation and economic sustainability for Barbados.. Unlike the majority of ports in the region we benefit from NO GOVERNMENT SUBSIDIES. We do recognize therefore that a single major security incident at our port would have a disastrous effect on the standard of living to which we have become accustomed

How Port Security Functions



Port Security Department is a highly staffed labour force where security decisions are often the responsibility of the officer on the ground and in some cases at his sole discretion

Security Officers are targets of :

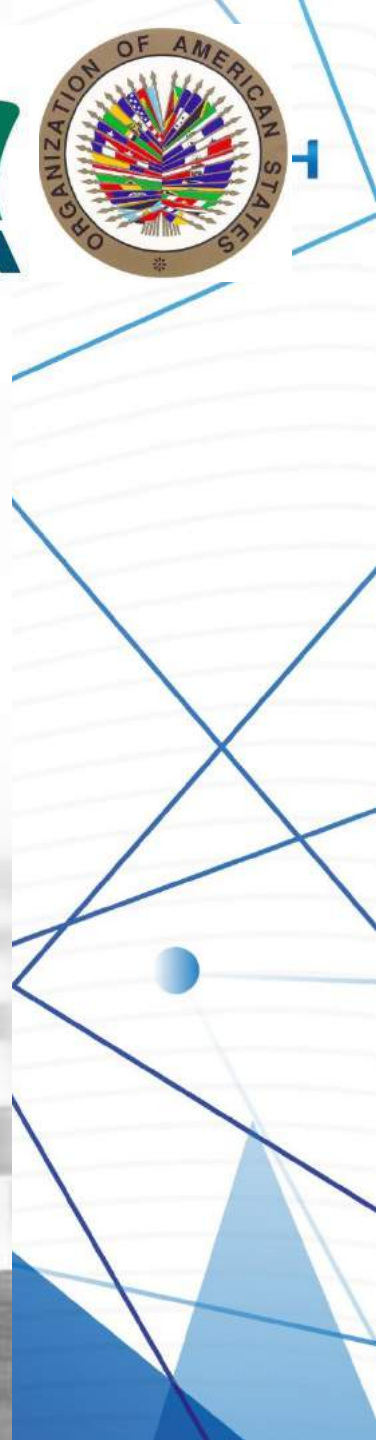
Bribes/ Threats/ Rumours

Social Engineering/ Familiarity

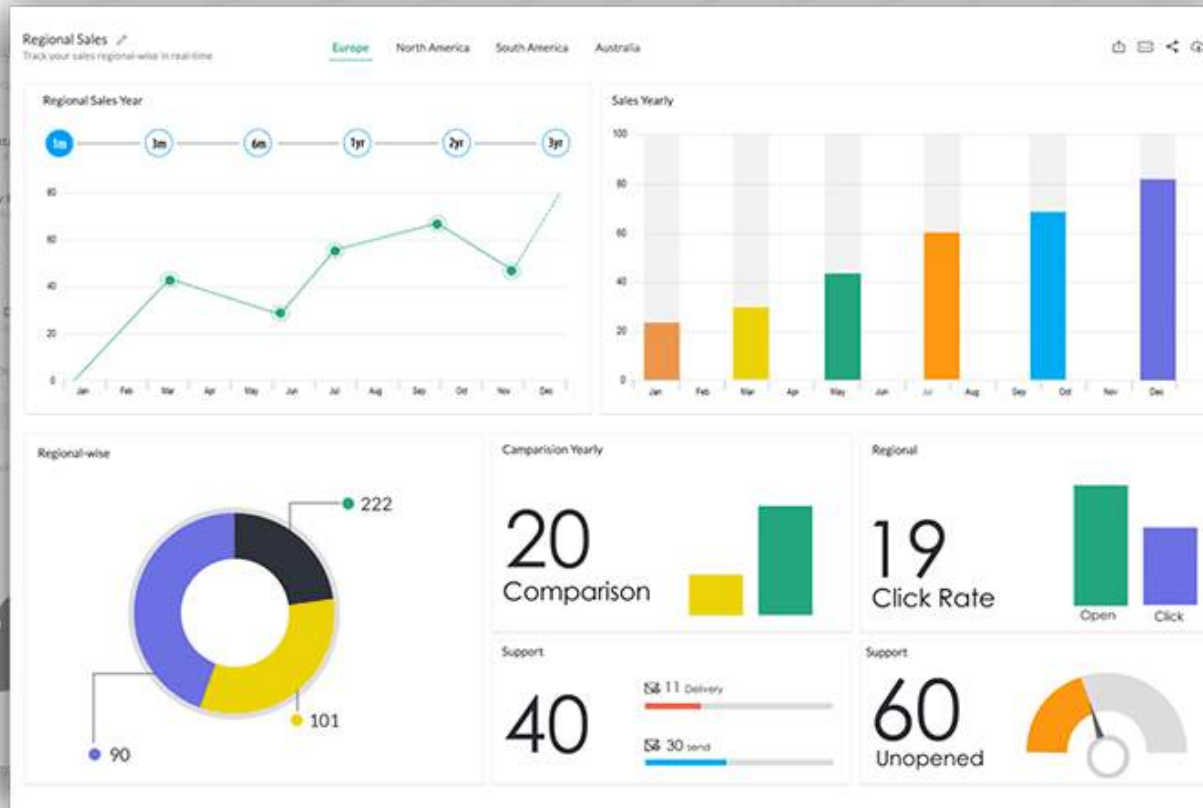
Physical limitations

information

~~Data~~ is King



Trend: Analytics & Port Intelligence



Security analytics is the process of using data collection, aggregation, and analysis for security monitoring and threat detection

Challenge: Current Skillset



- Labour agreements
- Younger staff have issue with older
- Morale
- Impacts officers' overtime



Business drives technology

Trend: Cloud Computing



Benefits of moving Port Security Operations to the cloud:

- Reduced IT costs.
- Scalability. ...
- Business continuity.
- Collaboration efficiency.
- Ease of connectivity



Challenge: Cloud Computing



- Vendor lock-in
- Data privacy
- Cyber security



Trend: Remote Operated Vehicles



- Situational awareness over large areas. More efficient than conventional patrols
- Deterrence
- Hostile, hard to reach environments
- Fast response to perimeter alarms
- Liability and insurance reduction for officers



Challenge: Demonisation



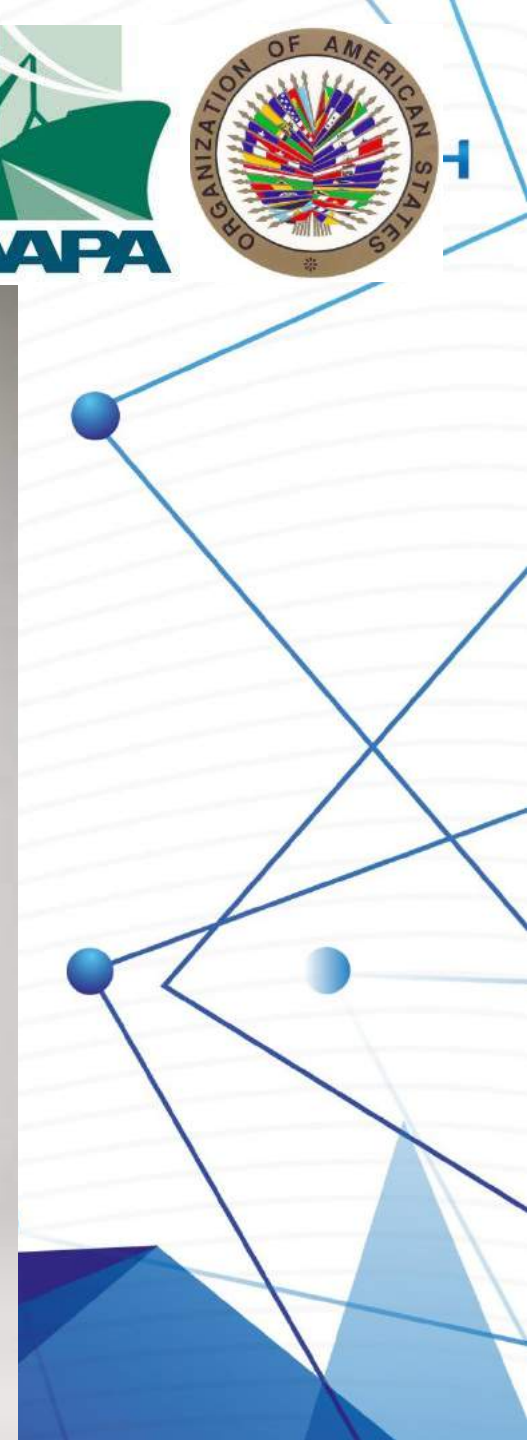
- Legislation
- Perception of abuse/ privacy
- Gatwick scare



Conclusion



Security enables efficiency
Public and Private Partnership must
embrace and support planning, training,
and exercising;





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