Intelligently filtering your data: Brazil and Mexico case studies
(U) The benefits

(S//REL) Extracts from the full collection of data the activity most relevant to the selectors of interest

![Diagram showing the relationship between All Collection and Extracted Data, with Selectors of Interest indicated.]
(U) The benefits

(S//REL) Allows the analyst to implement analytics that

- Are customized to their needs on a target-by-target basis
- Could not or should not be run against all collection
- Might find a needle in a haystack in an repeatable and efficient way
(U) Contact Graphs

(U) A graph is a set of objects (nodes, vertices) connected by links (edges).
(U) Graphs are a useful way of visualizing and analyzing the structure of communication networks.
(U) Hops

(U) We may build a 1-hop graph by selecting all vertices connected to a root node.
(U) A 1.5-hop graph contains all vertices connected to a root node and all connections between those vertices.
(U) applications in target development

(C/REL)

(C/REL)
(U//FOUO) S2C41 surge effort

(TS//SI//REL) NSA’s Mexico Leadership Team (S2C41) conducted a two-week target development surge effort against one of Mexico’s leading presidential candidates, Enrique Pena Nieto, and nine of his close associates. Nieto is considered by most political pundits to be the likely winner of the 2012 Mexican presidential elections which are to be held in July 2012. SATC leveraged graph analysis in the development surge’s target development effort.
(U) One-Time Work

Seeds 2-hop Contact graph SMS selectors

Tasked Selectors related to EPN

1. Cimbri
2. Mainway Chains (JEMA)

1. Association
2. Mainway Events

(TS//SI//REL)
(U) Results

(S//SI//REL) 85489 Text messages

Interesting Messages

Nieto
(U//FOUO) S2C42 surge effort

(U) Goal

(TS//SI//REL) An increased understanding of the communication methods and associated selectors of Brazilian President Dilma Rousseff and her key advisers.
(U) One-Time Work

Seeds

2-hop Contact graph

DNI selectors

SCIMITAR
(U//FOUO) S2C42 surge effort

- Discovered new selectors associated with high-value targets
(U) Conclusion

(S//REL) Contact graph-enhanced filtering is a simple yet effective technique, which may allow you to find previously unobtainable results and empower analytic discovery.

(TS//SI//REL) Teaming with S2C, SATC was able to successfully apply this technique against high-profile, OPSEC-savvy Brazilian and Mexican targets.
Identifying Challenges
Geopolitical Trends: Global Drivers

(S//REL) Geopolitical Trend drivers:

- Stressors to Regional Stability/Rise of New Actors.

- Brazil and Turkey emerge on the global stage, Mexico is stressed and on our border, Arab Spring continues, the global “youth bulge” causes disaffection among youths who cannot find employment.
Geopolitical Trends: Key Challenges

Transnational Issues

Friends, Enemies, or Problems?

- Brazil, Egypt, India, Iran, Mexico, Saudi Arabia, Somalia, Sudan, Turkey, Yemen, and others.
Global Capabilities Manager. ISI (S2C)

Run Date: 05/17/2006

As the Analysis & Production Mission Build-Out Strategy was originally envisioned. International Security Issues (ISI) mission was to remain primarily based in Washington. However, as other product line mission plans began to mature, opportunities for ISI to expand its mission capabilities opened. Planning is underway that will involve ISI participation in build-out activities with NSA/GSS Georgia, NSA/GSS Hawaii, NSA/GSS Texas and the European Security Command. The ISI mission is further extended by its relationships with F6 and Second and Third Party foreign partners that provide valuable analytic insights as well as their technical capabilities.

UNSA Washington Mission

ISI is responsible for 13 individual nation states in three continents. One significant tie that binds all these countries together is their importance to U.S. economic, trade, and defense concerns. The Western Europe and Strategic Partnerships division primarily focuses on foreign policy and trade activities of Belgium, France, Germany, Italy, and Spain, as well as Brazil, Japan, and Mexico. The division reporting also provides some key intelligence on military and intelligence activities in some of these countries. The Arabian and Ukraine divisions work off of approved tasking lists for the respective geographic areas.

Build-Out Support to Counterterrorism and Countering Proliferation

The East Asia division currently with the Combating Proliferation (CP) and Countering Terrorism (CT) program has been involved in the buildup efforts in their various host sites. The division is uniquely financial analyst with seasoned team efforts as opposed to the traditional target efforts. The division is also working with NSA/GSS Washington to implement a new build-out strategy. This new strategy looks towards the development of a target that could be rolled out from NSA Texas to base. NSA/GSS/C of the current analysts who partnered with FTM on their Southern Asia counterterrorism targets.

UNSA Fairfax

Comments/Suggestions about this article:

""