Call Authentication, Spoofing, and Impersonation Scam Detection Research

Mark Collier – CTO
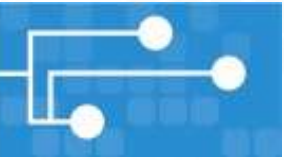
SecureLogix Corporation

12/05/2019

Homeland Security
Science and Technology

Enterprise and Government Issues

Authenticate Financial CC Calls

Financial Account Take Over (ATO)

Targeted social engineering
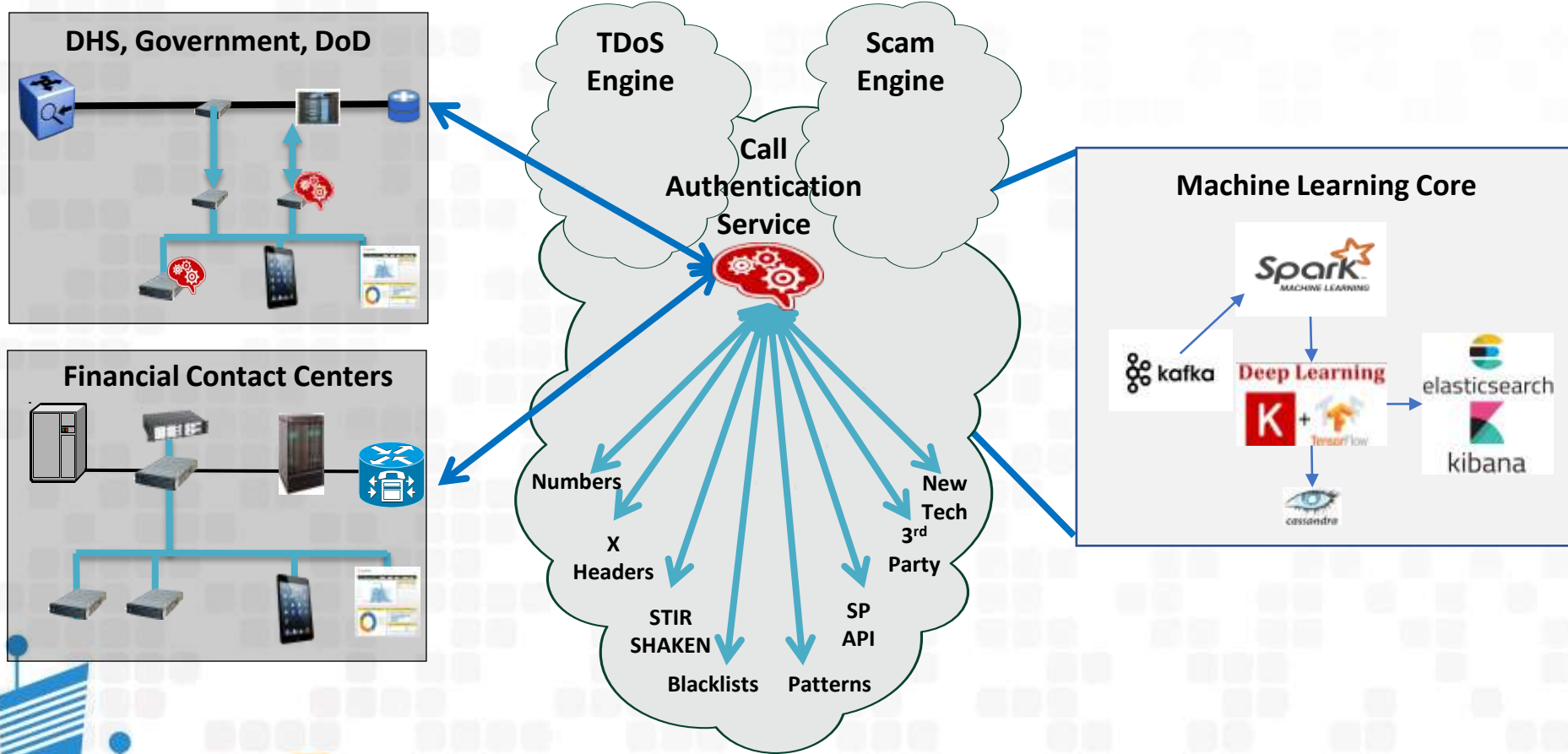
Automated telemarketing calls & spam
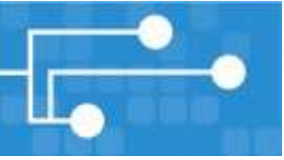
Call floods that crowd-out legitimate calls

Other Harassing Call Patterns

Spoofing & Authentication

Fraud

Social Engineering

Robocalls & Voice Spam

TDoS

Harassing Calls

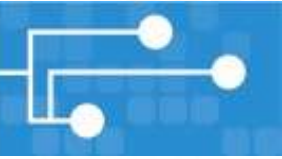# Approach – Call Authentication Service (CAS)

Customer Focuses

- Enterprise, government, and NG9-1-1

- Call authentication:

  - Financial contact centers

- Spoofing detection:

  - Financial contact centers, NG9-1-1, administrative

- Social engineering:

  - Targeted calls part of a larger breach

NG9-1-1

Contact Info

Mark Collier

SecureLogix

mark.collier@securelogix.com

(210) 863-9001

markcollier46 on twitter