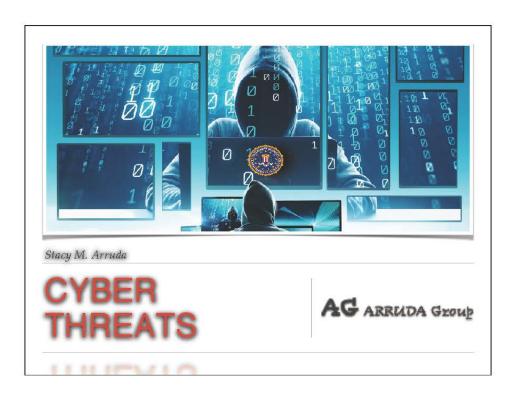
Section 2 Cyber Threats to Businesses (Updated)

Stacy M. Arruda Executive Director FL-ISAO Tampa, FL

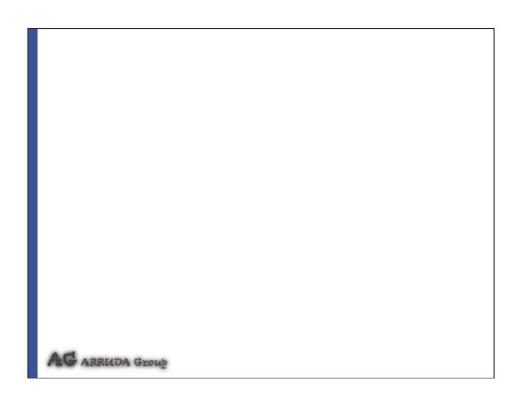


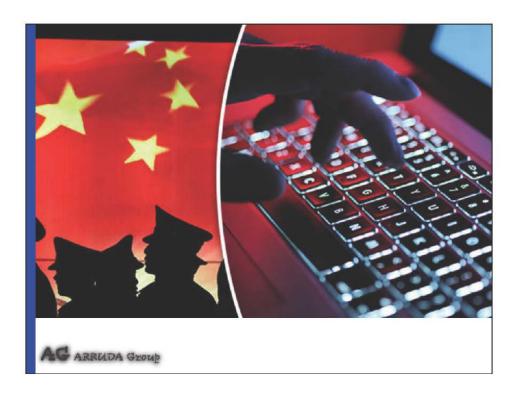
AGENDA

- *Social Media
- *Actors
- *Motivation
- *Threats
- *Mitigation

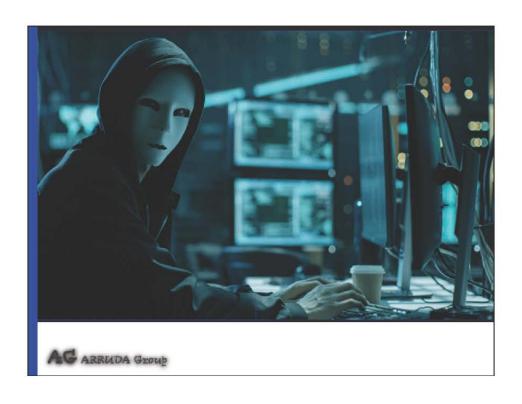


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SPEAR PHISHING

- * Reconnaissance
- « Craft e-mail
- * Technical Subterfuge
- * Trusted Source
- Network Breach









Jul 12, 2018

Alert Number I-071218-PSA

Questions regarding this PSA should be directed to your local FBI Field Office.

Local Field Office Locations: www.fbi.gov/contact-us/field

BUSINESS E-MAIL COMPROMISE THE 12 BILLION DOLLAR SCAM

This Public Service Announcement (PSA) is an update and companion to Business E-mail Compromise (BEC) PSA 1-050417-PSA posted on www.ic3.gov. This PSA includes new Internet Crime Complaint Center (IC3) complaint information and updated statistical data for the time frame October 2013 to May 2018.

DEFINITION

Business E-mail Compromise (BEC)/E-mail Account Compromise (EAC) is a sophisticated scam targeting both businesses and individuals performing wire transfer payments.

The scam is frequently carried out when a subject compromises legitimate business e-mail accounts through social engineering or computer intrusion techniques to conduct unauthorized transfers of funds.

The scam may not always be associated with a request for transfer of funds. A variation of the scam involves compromising legitimate business e-mail accounts and requesting Personally Identifiable Information (PII) or Wage and Tax Statement (W-2) forms for employees.

AG ARREDA Group



Sep 18, 2018

Alert Number I-091818-PSA

Questions regarding this PSA hould be directed to your local FBI Field Office.

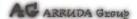
.ocal Field Office Locations: vww.fbi.gov/contact-us/field

CYBERCRIMINALS UTILIZE SOCIAL ENGINEERING TECHNIQUES TO OBTAIN EMPLOYEE CREDENTIALS TO CONDUCT PAYROLL DIVERSION

The IC3 has received complaints reporting cybercriminals are targeting the online payroll accounts of employees in a variety of industries. Institutions most affected are education, healthcare, and commercial airway transportation.

METHODOLOGIES

Cybercriminals target employees through phishing emails designed to capture an employee's login credentials. Once the cybercriminal has obtained an employee's credentials, the credentials are used to access the employee's payroll account in order to change their bank account information. Rules are added by the cybercriminal to the employee's account preventing the employee from receiving alerts regarding direct deposit changes. Direct deposits are then changed and redirected to an account controlled by the cybercriminal, which is often a prepaid card.



RANSOMWARE/RANSOMWORM

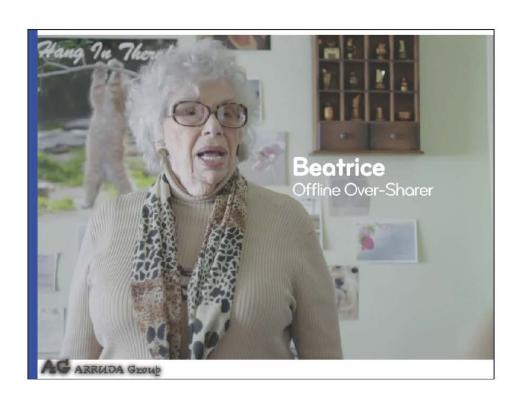
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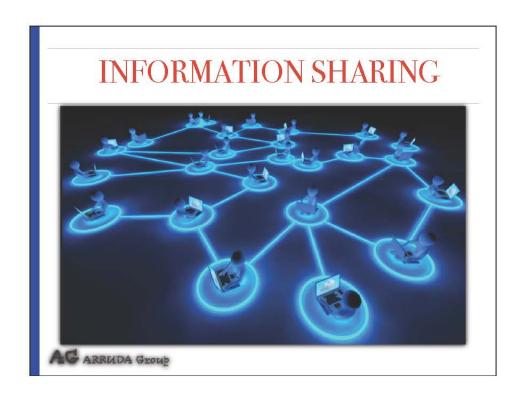




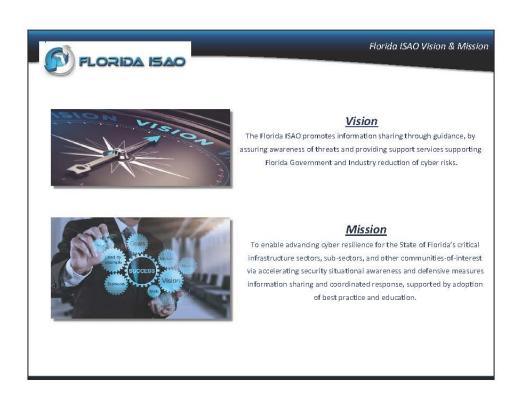












IACINET INTELLIGENCE ANALYSIS METRICS REPORT RUN ON: Wednesday June 12, 2019 13	:37
Files processed today:	10,683
Files processed in last 24 hours	29,135
Files processed in last 7 days	118,335
Files processed in last 30 days	544,291
Files processed this year:	3,223,568
Hacking alerts processed today	95
Hacking alerts processed last 24 hours	188
Hacking alerts processed this year	80,326
Potential stolen credit cards observed today:	157
Potential stolen credit cards observed last 24 hours:	2,825
Potential stolen credit cards observed this year:	256,991
Credential pairs observed today:	19,575
Credential pairs observed last 24 hours	34,376
Credential pairs observed this year	
Darkweb sites observed today:	234
Darkweb sites observed last 24 hours	518
Darkweb sites observed this year	84,055
Encrypted file transfers observed today	1,301
Encrypted file transfers observed last 24 hours	1,639
Encrypted file transfers observed this year:	48,320
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INCIDENT RESPONSE PLAN

- * Preparation
- * Detection & Identification
- * Containment
- * Remediation
- * Recovery
- Lessons Learned





