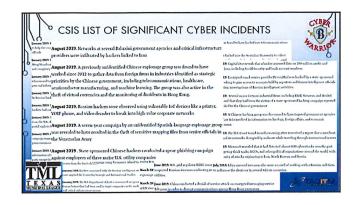
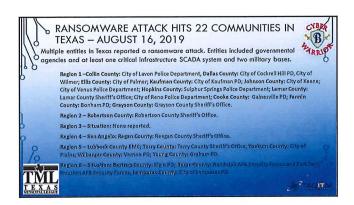
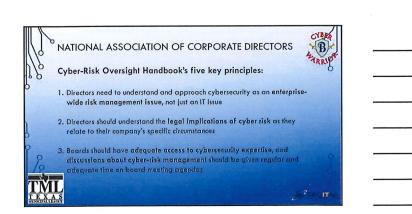


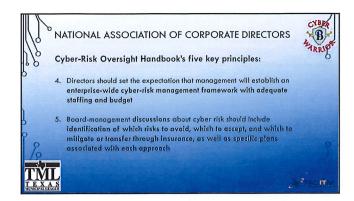
BUSIN	NESS EMAIL C	OMPROMISE IS #1	B
1/9	Fig 1 Cyblin Chiles remite	d by ArS DASA (2012) - By reported incident	TRRIP
189	22%	Bolous soul corporate	
b	tes	James 100 and	
	les e	Date breach by hockes	
	to:	Date hough due to employee negligance (e.g. sanding date to the saving param)	
	т.	Impercentine board	
5		Oher virus/incluous infections	
0	n	System bilane/ outrage	
0	31	Physical Ions or Auth of Information years (a.g. stakes Ingrip)	0
1/9	4	Ole*	
TOWE T	25	Ofer cyber extentions (non-extensives)	
IIVIL	"Send of Server Areals, legal of	hightery by antisp based in eletrons of ther propy agricions	3.7.40 TM
MUNICIPALLEGIA			Cy mindling



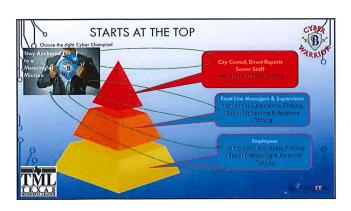


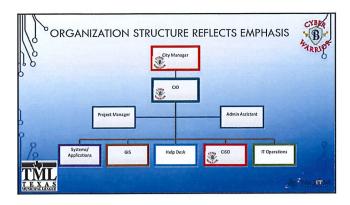


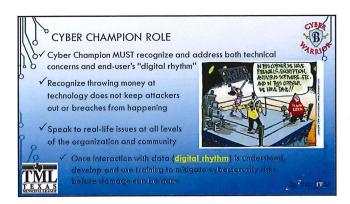


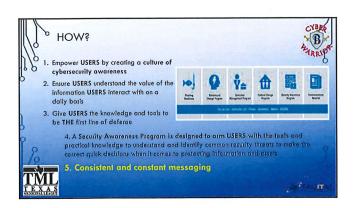




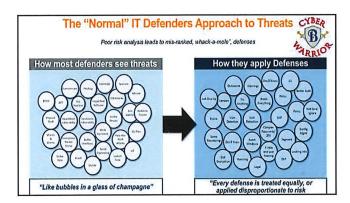










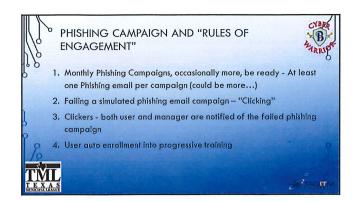


Biggest Initial Breach Root Causes for Most Companies Social Engineering Unpatched Software Preventative Controls Technical Training

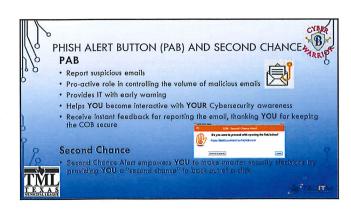


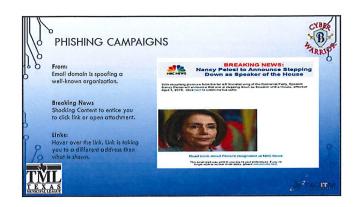


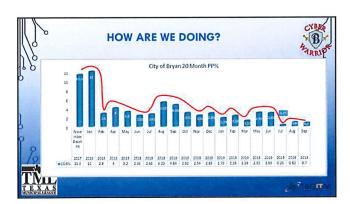
EIVIA.	ILVOI	LUIVIE	<u>w</u>	e cann	ot stop	
get A	LOT of	email	s!	every	hing	
Month-Year	Total Inbound Email	Rejections (includes viruses & soam)	Legit Inbound Email	% Rejections	Total Outbound Email	Total Inter Email
Aug - 2018	232.248	83.145	149,103	35.8 %	113,729	15.316
Sep - 2018	217,570	81,207	136,363	37.32 %	78,628	15,907
Oct - 2018	265.870	113.064	152.806	42.53 %	93,156	22,859
Nov - 2018	259,660	119,033	140.627	45.84 %	80,806	17,501
Dec - 2018	274,464	145,642	128,822	53.06 %	67,976	14,696
Jan - 2019	331,135	179,330	151,805	54.16 %	89,102	18,644
Feb - 2019	281.632	142.018	139.614	50.43 %	80,920	16,391
Mar - 2019	305,420	159,915	145,505	52.36 %	76,829	16,157
Apr - 2019	276,219	126,031	150,188	45.63 %	87,115	15,162
May - 2019	278,277	128,738	149,539	46.26 %	103,831	17,005
June - 2019	248.610	113.268	135.342	45.56 %	93,644	15,304
July - 2019	271,827	136,342	135,485	50.16 %	120,658	16,353
Total	3,242,932	1,527,733	1,715,199	The second second	1,086,394	201,295
Mean	270.244.34	127,311.09	142,933.25	46.59 %	90,532.84	16,774.58



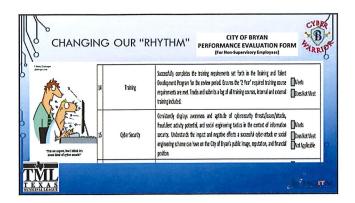












CYBER SECURITY AWARENESS TRAINING POLICY REMEDIAL ACTION FOR CYBER SECURITY DEFICIENCIES By design, the internal phishing campaign emails mimic real world phishing attempts. Employees with high "click rates" and higher Phish Prone percentages tend to suggest a general lack of understanding and/or willingness to comply with the Cyber Security Awareness Program. As a resulf, these actions place the City and its network at an elevated cyber risk. In certain instances, the City will use a progressive disciplinary system. The City is not obligated to use all of the progressive disciplinary steps available to it, and may begin the disciplinary process at any level, up to and including immediate termination, depending on the severity of the conduct, the employee's work performance and prior disciplinary history, the employee's length of service, and any miligaling circumstances.

CYBER SECURITY AWARENESS TRAINING POLICY
REMEDIAL ACTION FOR CYBER SECURITY DEFICIENCIES

Depending on the circumstances of each individual case, disciplinary action may consist of one or more of the following: 1) Oral warning; 2) Letter of counselling;
3) Written reprimand; 4) Probation; 5) Suspension without pay; 6) Demotion; 7)

Termination

The following table provides guidelines and an example of how disciplinary action might be imposed due to non-compliance and/or unwillingness to adhere to this policy in a 12-month period. It is intended as a process designed for self-improvement by the employee and supervisor/manager but may result in punitive action. Managers may use discretion within the parameters of the table, or outside the parameters, if appropriate and coordinated with Human Resources, based on dircumstances of the situation.

"Click" Count	Resulting Level of Remedial Action
First Failure	Mandatory completion of selected course(s) by the Information Technology (IT) Department
REMEDIAL ACTION FOR CYBER SECURITY DEFICIENCIES	 Discussion with Superviso/Manager on the importance of Cyber Security Awareness Appropriate level of discipline, if applicable, working with Human Resources (HR)
Second Failure	Mandatory completion of selected course(s) by the IT Department - Nalice to the appropriate Executive Director (ED) - Appropriate level of discipline, if applicable, working with HR - A Performance Improvement Plan (PIP) may be initiated - "Does Not Meet" expectations in the Cyber Security Awareness category in the appropriate annual performance review period
Third Failure	Mandatory completion of selected course(s) by the IT Department Notice to the appropriate ED Appropriate level of discipline, if applicable, working with HR Initiate PIP or follow up or addition to existing PIP

'Click'' Count	Resulting Level of Remedial Action				
Fourth Failure	Mandatory completion of selected course(s) by the IT Department				
	- Notice to the appropriate ED				
REMEDIAL ACTION FOR CYBER SECURITY DEFICIENCIES	- Appropriate level of discipline, working with HR				
	- Follow up or addition to PIP (depending on timeframe and language of original				
	PIP)				
	- Discuss or review transfer options to a position not requiring cybersecurity				
	proficiency and awareness (if a position is available)				
	- Administrative and technical control options discussed and/or implemented				
Fifth Failure	Mandatory completion of selected course(s) by the IT Department				
	- Formal review of employment with the Human Resources Director and ED				
	- Appropriate level of discipline, working with HR				
	- Discuss or review transfer options to a position not requiring cybersecurity				
	proficiency and awareness (if a position is available)				
	- Restricted network access may be implemented				
Sixth Failure	Formal review of employment with the Human Resources Director and appropriate				
	Executive Director and City Manager				
	- Disconnection from the City network may be implemented				











