

Hi. My name is John Wade.

This is my capstone project, security awareness in the consumer goods and services sector for a corporate environment.

So the picks an overview of problems of what I'm going to be talking about.

Problem background.

Going to give an idea of what the problem was.

Project methodology, which is going to give an idea of what project methodology I used to come up with the problems that actually was affecting the consumer goods and services sector, and my project findings, conclusions, and recommendations, acknowledgements, advice, references, and questions.

Problem background.

25 years ago, computing and communications were generally handled by small group of relative experts.

Today hundreds of millions of people use computers for every imaginable information processing task.

These rapid technology advances, troubled spots, have emerged, caused trouble spots to emerge in the consumer goods and service sector.

Problem background.

This PowerPoint slide depicts the problems associated with physical assets, physical attacks, cyber assets and cyber attacks.

They range from relatively less to more physical in nature and can be involved theft, damage, or destruction to a combination of physical or -- combination of physical and cyber assets.

Problem background.

This particular PowerPoint slide depicts the physical assets, such as trade secrets, classified information, laptop/PDAs, PCs and network servers, how they can coincide with physical attacks used by employees, employees using these particular physical assets to do damages within that environment.

This is a cyber attack assets, which again you get the same problems, trade secrets, classified information, laptop/PDAs, PCs and networks.

Again, the cyber attacks could be done by employees, internal employees, laptops, PDAs stole with important information, unauthorized data accessed using a user's board by inside users.

Project methodology.

The Delphi technique was used to categorize a method for structuring a group communication process so that the process is effective in allowing a group of individuals, as a whole, to deal with complex problems.

A panel of eight individuals, each having expert tears in their field and diverse educational backgrounds with experiences that range from 8-20 years were chosen.

Project methodology.

The panel selection process.

The sectional panel was a panel of eight experts selected from people who were referred to me or who I work with on past assignments.

They include a software developer, educational trainer, banking manager and mortgage planner, a manager of network security, a corporate administrator, I.T. business manager, healthcare administration, and insurance assessment and sales.

Project methodology.

I made contact for these through telephone and/or email.

In exchange for participating in the Delphi study they will receive a final cope of the capstone project with recommendations for increasing security awareness in their corporate environments based on an analysis.

Another project methodology, a group forum was set up in a web site of Google.com under good-looking groups.

The name of the group was called the security awareness group.

This PowerPoint depicts how the group was set up.

A set of warm-up questions were used, which are behind on what is the nature of your business, what products or service do your firm provide, how large is the company, the number of employees, the size and facilities, and approximate annual earnings.

How many years of security-related experience do you have and what are the years or level of education.

The warm-up questions continue, what is your current inside the firm?

How long have you served in this position?

How large is the security team and how many different facilities.

Another question was, please specify the number of employees vs. contractors.

The Delphi study, in phase one, they were asked to please tell me about other ways in which security is addressed, reinforced, or rewarded through the firm.

Another question posed in phase one was whether issues that tend to be more important or competes with the concerns about security awareness.

Explain why there's priorities of a business overlay security awareness.

In phase two, another two questions were posed.

Please explain why these issues take priority over security awareness.

How would I get middle -- another question was, how would I get middle and senior management to look at the reasons of why security awareness needs are -- needs to be repolarized and made important and how much -- and how might it be accomplished.

In other words, what strategies could be employed to middle and senior management to make it more aware and concerned about the potential of security threats.

Phase three.

Two other questions were posed.

Please explain the technological systems, tools and strategies your firm used to -- used in security practices.

And six, does enforcing company employees to be accountable have a positive or negative effect on security, and why they were to explain why.

Project methodology, the project ran for a duration of one month.

This PowerPoint detickets the project as it ran through -- depicts as it ran through each of the following weeks and the responses that were taken.

Project findings.

A higher priority was given to security awareness by middle management and senior management, and more likely the company has to take necessary steps to educate their employees in the environment.

According to the panel of analyst, if a high priority of security awareness intentative there appears to be a high rate of theft.

I.T. departments are continuously being reactive instead of proactive.

Middle and senior management continue to point the finger to I.T.

This is based on when issues arise in an I.T. department, middle or senior management, they run into I.T. to make sure the response is taken care of.

I.T. is always in a reactive instead of pro TV mode.

Based on that, the ANALYSIS of the panel, a security awareness practice policy could be constructed follow or used to guide within a corporate environment.

Conclusion.

Behind on the analysis from the panel I concluded that I intend to create a solid security practice policy that would bring focus and attention to security awareness in the corporate environment of the consumer goods and services sector.

Based on my personal experiences working in corporate environment I observed firsthand middle and senior management not the not adhering to practices put in place by the I.T. department.

This security practice policy would provide direction for addressing the important problems of security aware within the consumer goods and service sector.

Issues pertaining to the securing of their organization vital information.

Deterrents of exorbitant internal purchasing of office equipment under falsifying conditions.

Developing a strategic framework for designing a comprehensive system practice that will keep internal data from being vulnerable to unauthorized personnel.

This security practice policy will attempt to improve the company's overall performance in mitigating the liabilities and potential risk factors associated with security awareness.

Recommendations.

The priority given to security awareness appears to be more related to the attitude of senior and middle management.

Possible approaches to getting buy-in could come from the following -- security awareness party.

Security awareness T-shirt day.

Raffle of a security awareness day in Florida.

A creation of an reward system to acknowledge compliance by the organization.

Or a lunch incentive with the CEO and CSO.

Acknowledgment.

I wish to thank the eight Delphi participants.

Dr. Samuel McQuade, my courses at RIT, which included tex and trends, project management, internal organization security management, current themes in information technology, I.T. and organizational processes, security technology management, and business ethics.

Advice for future capstone students.

Pace yourself.

Time management is key.

Ask plenty of questions.

And more importantly, there is no such thing as a stupid question.

Advice for -- continuing with advice for future capstone students.

Get plenty of rest.

Staying up till 2:00 a.m. is cutting is close.

Maintain good communication with your advisor throughout the entire process.

At the -- in the end it is all worth it.

There's a reason for taking all those courses.

And my references.

And questions?

The end.

Hope you enjoyed this presentation.

This is kind of new for me, but it was kind of relaxing.

Thanks again.