



# 2015 AIS Student Chapter Leadership Conference

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## Track: Security Policy

### *Background*

You are the new IT manager at InvestCo, a small securities firm, and three days after you started your new job the secretary to the CEO was tricked into giving the CEO's password over the phone to someone she thought was in the IT department. Luckily she quickly discovered that she had been tricked and had the CEO immediately change his password. When asked, the secretary said she knew the CEO's password because it was the same one that he used for his Facebook account. You've been told that as far as the IT staff can determine, the hacker probably did not use the stolen password before the CEO's password was changed. However, if the thief had gotten in, he would potentially have had access to the extensive data that the company keeps on its clients. The CEO is very concerned about the potential liability and loss of customers if the client data had been stolen. Now it is your task to reexamine the firm's policy on employee and customer account passwords, craft a new security and data retention policy, and to make a recommendation to the CEO.

InvestCo holds, trades and manages stock and bond portfolios for clients. There is an existing security and password policy that has been in place for 3 years. Some longer-term employees remember the security training that occurred back then, but there has been no training since the old policy was put in place. The password policy was strengthened two years ago so that passwords had to be longer, couldn't be reused and had to be changed monthly. Following that change, an intern was hired to help reset passwords when employees and clients couldn't remember their password. Due to the financial nature of the company's business, your recommendation must make the security of financial data paramount. But your recommendations must take usability and accessibility by employees and customers into account. A very secure but inaccessible system would be bad for business, but so would a very accessible but insecure system. So your task is to identify the problems with the existing security at InvestCo. Then craft a security policy and implementation and maintenance plan that address those problems while striking a balance between security and accessibility.

### *Preliminary Round*

For the preliminary round, student teams must submit a report that contains:

1. A detailed description of the proposed security policy, including descriptions of processes, training, software, diagrams, data policies, etc. needed to implement the policy.
2. A statement on why you believe that this proposed policy will maintain the security of the firm, while also giving employees and clients access to the information they need.
3. A recorded video presentation (10 minutes max) of the policy that would be presented to the CEO and board of directors.
4. An introduction to the members of your team, and a description of the role each one played.

### *Final Round*

The top four submissions as scored by the judges will move on to the final round to be held at the Student Chapters Leadership Conference April 9-11, 2015. In this round, the team will make a live presentation of the policy recommendation.



## Scoring

Submissions in the preliminary round will be judged based on the following criteria:

### *Security policy (70%)*

- The extent to which the team's proposed security policy identifies and addresses the security issues that are evident in the InvesCo story.
- The extent to which the proposed policy holistically blends the elements into a consistent and workable policy that balances security with employee and client accessibility and usability

### *Supporting statement (15%)*

- The extent to which the team fully and clearly describes the proposed security policy, shows an understanding of the

### *Recorded video (15%)*

- Displays technical accuracy, understanding of the various proposed security issues, professionalism, creativity, and production quality

## Deadlines

- All preliminary submissions must be received no later than noon CST on January 29th 2014. The submission should be sent to **ais.sclc.competition@gmail.com**.

## Prizes

- Awards and cash prizes TBD

## Other Rules

- Each team's submissions must entirely be the work of the team. Faculty may review the submission, but may not contribute to the content of the policy solution.
- Late submissions will not be accepted.

### *Eligibility:*

- Undergraduate and graduate students enrolled in an active AIS student chapter are eligible and encouraged to participate. Start a new AIS chapter and participate in the competition!

### *Materials Availability and Submission:*

- Materials for each of the tracks are accessible for open viewing. Multiple submissions for each school are allowed, however, a maximum of one team from each school for each track will be selected to participate in the onsite competition.

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