



Stockholm  
University

# Business Case Study

COURSE: INFORMATION SECURITY IN ORGANISATIONS

LEVEL: ADVANCED

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# Your role

- ▶ You have recently started an information security advisory firm together with your colleagues in your group.
- ▶ After having decided to offer strategic advisory services in connection with managing information security, you have a call from your first potential client – a university.
- ▶ The university sends you some – very limited - information about their situation, in preparation for a meeting with the top management of the university.
- ▶ You are tasked to prepare for this meeting where the ultimate objective is to make a sell of your solution to this first client.
- ▶ Good luck!

# Case study

- ▶ This case study is about a university.
- ▶ This makes your work easy since you are very familiar with the university settings.
- ▶ You will be given
  - ▶ The background of the university
  - ▶ Some incidents took place in the recent past.
- ▶ You are required to present
  - ▶ The current security posture
  - ▶ The need for improvements
  - ▶ Resource requirements

# Challenges

- ▶ You are presenting the business case to the top management of the university.
- ▶ You are given 10 minutes for the presentation. This time is important.
- ▶ You will have a lot of facts to be presented. However, there is only time to present the most important facts.
- ▶ The objective is to sell your services to the University.



# Creativity

- ▶ You are expected to think out of the box and come up with creative ideas and solutions.
- ▶ However, keep in mind you have to work with in the given context.
- ▶ Some facts of the case are deliberately missed. This is to make you to consider possible problems. You can apply your common sense to identify these omissions and possible mistakes.

# Limitations

- ▶ When stating financial and other data make sure they are as accurate as possible.
- ▶ Keep in mind your position in the company as given in the organizational chart.

# Assumptions

- ▶ There is no right or wrong answers.
- ▶ Well justified and sound approaches and solutions are considered are good!
- ▶ Feel free to make your own assumptions. These assumptions must be reasonable.
- ▶ Assumptions must be relevant to the case
- ▶ Assumptions should not contrary to the facts given in the case.
- ▶ Your assumptions must be explicitly mentioned in your presentation (movie).

# Supervision

- ▶ In the schedule – just turn up in the room
- ▶ Try to spread out so that not all groups arrive at the first minute of the supervision time.
- ▶ It is always good if you can meet in the group before and formulate the issues where you need coaching!





# Business case study


- ▶ Your case study is available in iLearn
- ▶ The last folder contains the business case study
- ▶ Case study supervision forum – you can ask questions and answers are open to everyone.


**General information**


Your progress ?


 Course information from Daisy

 Information from the lecturers

 Information- and Cyber security Glossary

 Case study supervision forum

 Case study assignment submission

 Business Case Study

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# Your presentation (movie)

- ▶ Duration is 10 minutes.
- ▶ Top managers would like to see your faces at the beginning and end of the presentation as a minimum.
- ▶ In the middle of the presentation, you are can include Music, Animations, Pictures, PowerPoints and your computer screen ( a closer look). These are not compulsory.
- ▶ Your dress code, body language, tone of your presentation, your gestures and postures might be useful to convince the board.
- ▶ There is a place to upload the movie in iLearn system.
- ▶ You are supposed to read course material, ISO standards, NIST standards and related literature.

# Requirement

- ▶ Convince the top management the importance of improving the information security posture and achieving ISO 27001 compliance (with or without certification) for information security.
- ▶ Sell your service!

# Alternative Business Case: Ransomware with NIST CCF

- ▶ For those who want – do the **same business case** but with these changes:
- ▶ The objective is to build “Organizational and Technical Capability to withstand a ransomware attack”
- ▶ The framework to be used is NIST Cybersecurity Framework and their ransomware documentation (instead of ISO/IEC 27001)

# Submission

- ▶ Submit individually with a link to the groups movie on youtube (no need to openly publish the movie if you do not want that - just ensure that all with the link can watch it).
- ▶ Deadline - look in iLearn Submission Area for this information
- ▶ Note that you need to click on a final "submit"-button for your submission before it is submitted.



# Grading criteria

- ▶ Movies are watched and graded according to grading sheet available in iLearn2 Business Case Folder.
- ▶ You will all be given links to all movies so that you can watch them and vote for the best ones (top three).
- ▶ There is no requirement that you watch all minutes of all movies – you may skim through them to save time.

# Questions?

- ▶ If you have trouble with group members not responding or not participating please talk to me today!