

Activities – Week 05

Class C

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Goals

- This week you are required to **understand** the concept of controls through a case study
- By understanding the concept of controls, you are able to **relate** the concept of process and goals in IT Governance and the needs of controls in managing IT Process

WHAT to do

- CHECK whether or not your group has been approved via this link: slepet.id/kelompokkti, minimum requirement for each group:
 - Contains between 3 to 4 member
 - Comprises of female and male students
- READ a case study in the next slide
- DISCUSS the case study within your group
- ANSWER 3 (three) questions in the slide after the case study
 - ➔ Max. 2 pages (A4)
- SUBMIT your answers via share.its.ac.id
 - ➔ Submission format:
CLASSACTIVITIES_Wo6_C_GROUPNO.PDF
 - ➔ On March 18 (SATURDAY) at 6 pm the latest.

Case Study

A major retailer asked the IS auditor to review their readiness for complying with credit card company requirements for protecting cardholder information. The IS auditor subsequently learned the following information. The retailer uses wireless point-of-sale (POS) registers that connect to application servers located at each store. These registers use wired equivalent protection (WEP) encryption. The application server, usually located in the middle of the store's customer service area, forwards all sales data over a frame relay network to database servers located at the retailer's corporate headquarters, and using strong encryption over an Internet virtual private network (VPN) to the credit card processor for approval of the sale. Corporate databases are located on a protected screened subset of the corporate local area network. Additionally, weekly aggregate sales data by product line is copied from the corporate databases to magnetic media and mailed to a third party for analysis of buying patterns. It was noted that the retailer's database software has not been patched in over two years. This is because vendor support for the database package was dropped due to management's plans to eventually upgrade to a new ERP system.

Questions

1. **EXPLAIN (WHAT)** the **business process** and the related **information technology** in the case study
2. **DETERMINE (WHICH)** risks and their implication to the case study
3. **EXPLAIN (WHICH & HOW)** controls can be applied to mitigate risks (you may look for available controls in the similar industry)

IT ALWAYS
SEEMS
IMPOSSIBLE
UNTIL
IT'S DONE.
-NELSON MANDELA



Source: <http://d1v2fthkvl8xh8.cloudfront.net/wp-content/uploads/2013/06/impossible.jpg>