

ESD264/1.264
Lecture 25 case studies
Fall, 2013

Based on your general experience and on reading chapters 1 and 2 in Anderson, discuss the two cases below. Short answers: two pages or less per case study. Be prepared to discuss them in class.

Public transport system with fare collection based on cash/tokens or smart cards.

In a system that primarily accepts cash and tokens at gates and fareboxes:

- a) Describe how cash and tokens received for payment should be handled securely.
- b) What are the major risks to the transit agency?
- c) What are the major risks to passengers?
- d) What are the risks in getting collected funds to a transit agency bank account?

In a system that primarily uses smartcards at gates and fareboxes, including ticket machines at stations to vend smartcards:

- a) Describe how cash and tokens received for payment should be handled securely.
- b) What are the major risks to the transit agency?
- c) What are the major risks to passengers?
- d) What are the risks in getting collected funds to a transit agency bank account?

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