

EECS710: Information Security and Assurance

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Assignment 1: Security requirements

Points: 20

Due: 9/5/2014

PART 1: Consider an ATM in which users provide a PIN and a card for bank account access. Give examples of confidentiality, integrity, and availability requirements associated with the system.

PART 2: A power plant contains a SCADA (supervisory control and data acquisition) system controlling the distribution of electric power for a large military installation. The SCADA system constrains both real-time sensor data and routine administrative information. Assess the impact for the two data sets separately and the information system as a whole.