

Risk Analysis Class Exercise

CS461 August 30, 2010

Today you will work through the 10 Step Qualitative Risk Analysis process with a group of your classmates. You will be randomly assigned to a group, and each group will be assigned a scenario.

Within each group identify one or more group members to perform the following roles:

- Technical expert – Knowledgeable in some aspect of the company/organization
- Risk Analysis expert/facilitator – drive the process and gather information
- Responsible manager(s) – person who could get fired when things go wrong

You will spend all of today's class period in your group working through the Risk Analysis process. Obviously a real risk analysis would take far longer than the 30-40 minutes you have today and would involve true experts. Do the best you can. Make reasonable estimates. Feel free to ask questions.

Deliverables

By the end of class, you should have

- A list of assets
- A prioritized list of threads
- A list of ordered controls

After class one member of your group should post a brief summary of your results to the class news group.

Scenario list

These scenarios are very broad and have risks in many areas. Concentration on the Information Assurance risks in your assessment.

1. Bank of Gifford - Small bank with about a dozen branches in farming communities.
2. Women's Health Resource - Small health clinic that focuses on women's reproductive health.
3. Meijers - Regional food and merchandise chain
4. Urbana school district - Small city school district including five elementary, one middle, and one high school
5. Saddleback Church - Mega church based in southern California. Big Internet presence.
6. Caterpillar - International manufacturer of large construction, mining, and farming equipment.
7. Archer Daniels Midland (ADM) – Large agri-business company
8. Illinois Department of Motor Vehicles
9. Linked In - Professional social networking site.
10. Habitat for Humanity – Charitable organization that organizes people and resources to build

houses for others in need.

11. Whole Foods – High end grocery store that specializes in organic and locally produced food.
12. Manning Environmental – Small producer of water sampling devices used for environmental compliance verification..
13. Scottrade – Large online stock broker
14. CNN – 24 hour news channel
15. O'Brien Auto Park – Large regional car dealership
16. Pavlov Media – Internet Service Provider that concentrates on service to multifamily dwellings in college towns.
17. Enterprise Works – University hosted business incubator. Provides office space and network infrastructure for businesses emerging from the University community.
18. Champaign Police Department – Small city law enforcement department that is embracing new technologies to better do its job.