The Control Environment

The actions, policies, values, and management styles that influence, and set the tone of, a firm's day-to-day activities.

What Does a Company Want From its IT Systems?

- Effective
- Efficient
- Confidential
- Integrity
- Available
- Compliant
- Reliable

Take 5 minutes and write down all of the attributes of an IT system that a company would want.

For example: A company wants its IT systems to be available.
Governance

- Senior corporate leadership sets the tone
- Principals & Policies describe the desired outcomes

Management

- Management defines how these objectives will be realized
- Processes, standards and guidelines document the practices and activities that the organization will follow to meet the goals set by governance
Controls

- Control are put in place to make sure that the Processes, Standards and Guidelines are being followed.
- Therefore, they help mitigate the risk that the behaviors desired by senior management will not occur.
- Controls are usually used in combinations so as to ensure that if one fails, the others will correct the behavior.

Controls Mitigate Risk

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<th>ISACA</th>
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<tr>
<td>Preventive</td>
<td>Getting In</td>
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Audit

- Audits examine the adequacy and effectiveness of the controls that an organization has put it place.

All World Airlines Case

- Return to your list of risks
- What controls would you put in place to mitigate them?
- Do some controls mitigate more than one risk?