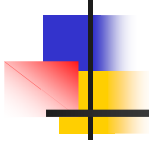


***Ethics vs. Legal issues in Computers &
Information Systems:
Facts, Confidentiality, Privacy & Security Policies***



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2007***

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1

***Ethics vs. Legal issues in Computers &
Information Systems:
Facts, Confidentiality, Privacy & Security Policies***



The Goal of My Paper:

- **In general; the goal of my research is to suppose trying to formulate a policy for protecting computer programs.**
- **To appears how computer ethics is a field between science and ethics.**

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2



The Goal of My Paper:

cont.

- To derive a new framework to establish a good corporate ethics and solid legal issues.
- To convince you that ethical and legal issues are integral to much of what we do as security professionals.
- To get you thinking about how you feel about issues you are likely to encounter.
- Other goals...

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3



The Problems

- A typical problem in computer ethics arises because there is a policy gap about how computer technology should be used.
- Are the ethical and legal issues are integral to much of what we do as security professionals??
- The basic problem is an uncertainty about what to do and even about how to understand the situation.
- Other problems...

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4



METHODOLOGY

- Depend on several researches and previous studies for this field related by facts, polices, confidentiality and privacy.
- Depend on various methods, including searches of Internet directories such as Google, Yahoo, and the Librarian's Index to the Internet
- depend on the Analysis; “Questionnaire Form” Analysis and “comparisons” Analysis Methodologies to establish an effective work to describe what the links and what the distinctions between ethical and legal issues.
- Depend on my some knowledge in the security field about ethical and legal issue.

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5



LITERATURES & RELATED WORKS

- I will characterize two sections to describe the previous literatures and previous related works for ethics and legal issues to support my research idea and to get useful topic for my paper.
- **LITERATURES**
- **RELATED WORKS**

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6



LITERATURES

- I will to characterize three issues around for computers and ethics and effects for the legal issues described by details in the *previous literature work article for James H. Moor in computers and ethics in 1985.*
- I will discussed *not by giving a list of problems or details but rather by analyzing the conditions and forces* which generate ethical issues about computer technology shortly to support my idea at the end.



LITERATURES

cont.

- I will characterize James H. Moor Article in three shortly useful paragraphs by some examples in some:
paragraph about Revolutionary Machine.
- *James H. says: “Computer Revolution is found in the nature of a computer itself. What is revolutionary about computers is logical malleability”.*



LITERATURES

cont.

Paragraph about Anatomy of the Computer Revolution.

- *James H. says: “During the Computer Revolution many of our human activities and social institutions will be transformed. These transformations will leave us with policy and conceptual vacuums about how to use computer technology”.*

Paragraph about The Invisibility Factor.

James H. mentioned three kinds of invisibility which can have ethical significance by details but I will abstract it in >>cont.

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9



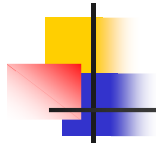
Example for Invisibility Factor.

- *Invisible abuse,*
- *Invisible programming values,*
- *Invisible complex calculation.*

- *classic example of the invisible abuse is the case of a programmer who realized he could steal excess interest from a bank. When interest on a bank account is calculated, there is often a fraction of a cent left over after rounding off. This programmer instructed a computer to deposit these fractions of a cent to his own account. Although this is an ordinary case of stealing, it is relevant to computer ethics.*

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10



RELATED WORKS

- There has been a large amount of work dealing with terms; ethics, legal, and confidentiality issues in different fields; however, hint for the next articles:
- *Pitcairn M and Phillips K* about confidentiality
- *Kiyoshi F in 2005* ... about Legal Compliance Committee
- *In May 17, 2001, Kim B and others* ... about distributed information and violations.



PRACTICALITIES & PROPOSING

1. *The Research Facts:*
2. *The Research Issues:*
3. *Related Approach & My Idea:*
4. *Ethical Standards.*



1. The Research Facts:

- Three cases studies; I prepared it in the learning course of legal and ethical issues in information systems in this semester; to answer the following questions.
- Ethical vs. Legal issues and Interested parties in each case?
- Three possible solutions - two extremes and a compromise.
- best case and worst-case outcome for each solution.

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13



1. The Research Facts:

cont.

1.1 study some cases:

- you can see (after reading the details from my paper) many and many proposed solutions to each case for several ways, you can propose other solutions.

1.2. Intellectual Property Right:

- *Describing for some Intellectual property right violations related with ethical and legal issues.*

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14



1. The Research Facts:

cont.

- *Some actions are both legal and ethical:* purchasing software with your own money and installing it on your home computer.
- *Some things are legal but not ethical:* using pirated software in country with no software copyright laws.
- *Some things are ethical but not legal:* for example, copying software to use as a backup when prohibited by the license.
- *Some actions are neither ethical nor legal:* for example, erasing someone's disk, either directly or with a virus.
- *Another probabilities.*

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15



2. The Research Issues:

This sections in my research include:

- *Confidentiality, Integrity & Authentication.*
- *Privacy & Security Polices.*
- *Information Warfare.*

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16



3. Related Approach & My Idea:

- Legal Compliance Committees in each division, department and office.
- All committees hold their meetings with the attendance of auditors as observers to offer professional advice and to monitor the proceedings.
- The Corporate Ethics Committee, chaired by the president, includes all company directors.
- The committees determines policies related to corporate ethics and the employee code of conduct, and encourages labor and management to work together for more effective efforts.

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17



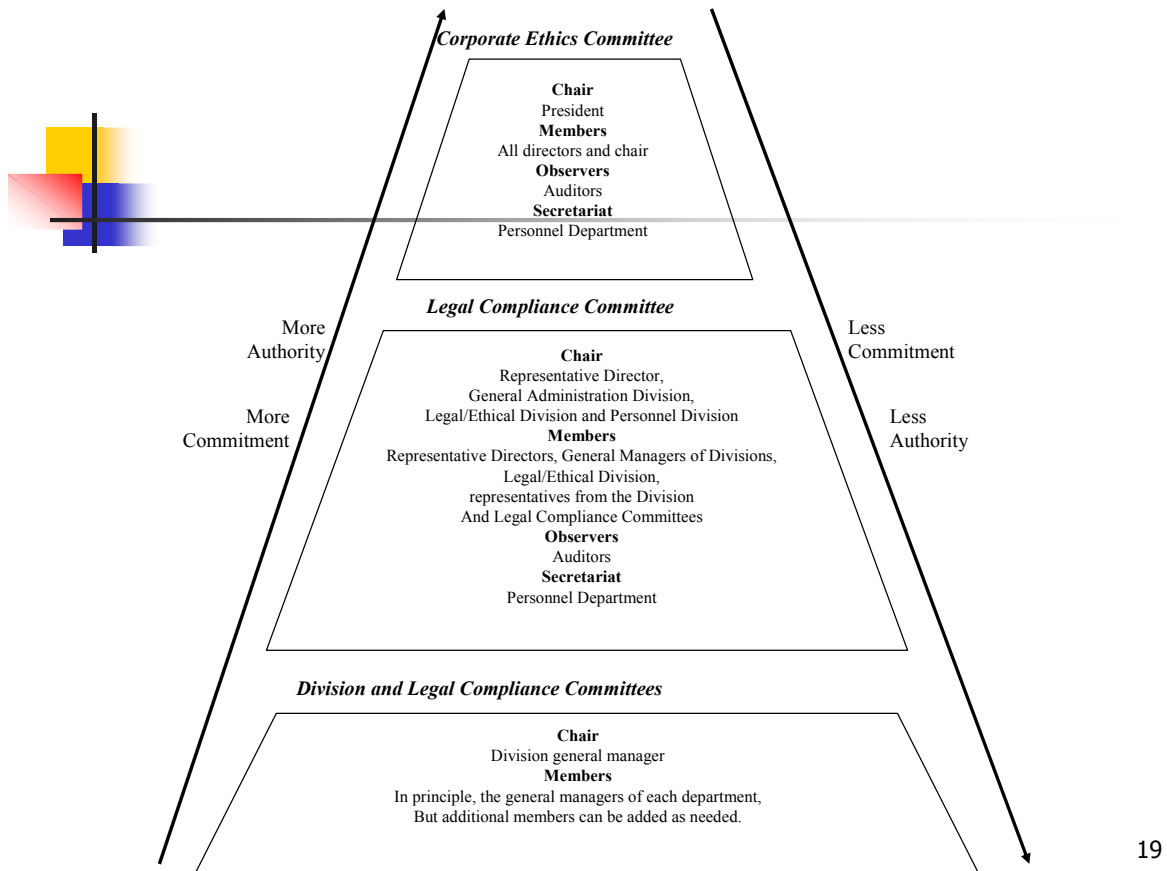
3. Related Approach & My Idea:

cont.

- The Legal Compliance Committee is made up primarily of frontline section managers, and works to facilitate closer communication with top management.
- All employees are responsible for proper corporate ethics.
- the Personnel Department serves as the secretariat of this committee, and corporate auditors attend committee meetings as observers to offer specific advice and monitor proceedings.

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18



19

4. Ethical Standards.

I characterize it by abstract points the ethical standard that discussed in the huge previous paper titled by Academy of Management/ Code of Ethics and I will abstract it in the:

- *Human relations.*
- *Privacy and confidentiality.*
- *Public Statements.*
- *Research and Publication.*
- *Ascribing to the Code of Ethics.*

Otherwise; these standards can applied as legal standards without the human relations point.

RESULTS & OUTLOOK

After several studying and analysis especially the ‘questionnaire form’ Analysis there are percentage results for this questionnaire:

The Arab Academy for Banking & Financial Sciences
Faculty of Information Systems & Technology
Department of Management Information Systems

"Questionnaire Form"

Ethics vs. Legal issues in Computer Information Systems
Name: _____, ID No: _____

This questionnaire is prepared in partial fulfillment of the requirement for the final research for a b.sc. in Information Systems, Faculty in the Faculty of Information Systems & Technology at University. And all the filling information will be submitted for the research research only. Personal details will not be legal issues in Computer & Information Systems in the final research.

Choose the best answer??

Question1
In General the next five ethical standards is the best standards are standards of conduct applying to members in ethical Academy roles and members and non members participating in Academy sponsored activities.

1. Human relations.
2. Privacy and confidentiality.
3. Public Statements.
4. Research and Publication.
5. According to the Code of Ethics.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

Question2
It is unethical to use necessary illegal.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

Question3
It is unethical to use necessary unethical.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

Question4
It is unethical to use necessary ethical.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

Question5
It is unethical to use necessary unethical.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

Question6
Some activities are both legal and ethical.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

1 of 2

Question7
Some things are legal but unethical.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

Question8
Some things are ethical but unethical.

1. Agree Severely, 2. Agree, 3. No Opinion, 4. Not Agree, 5. Not Agree Severely.

Best Regards & Thank You

2 of 2

21

RESULTS & OUTLOOK

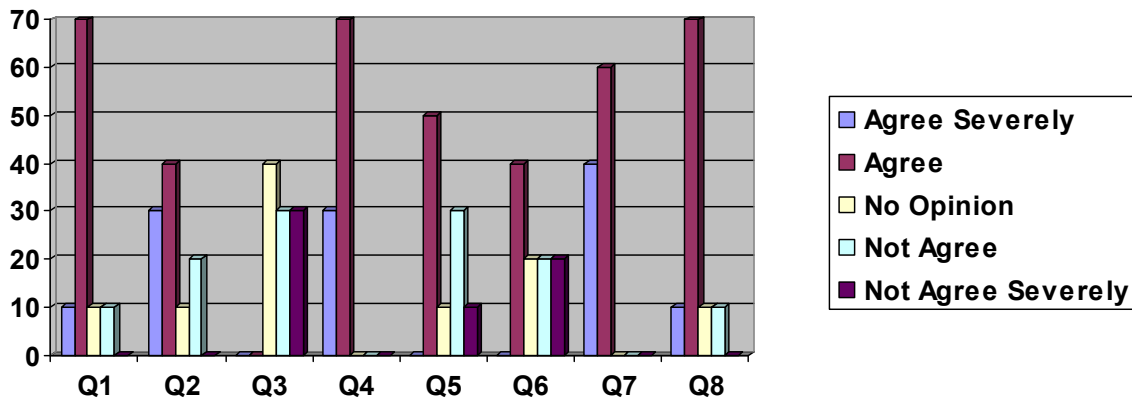
cont.

% Answered for Question	% of Agree Severely	% Agree	% of No Opinion	% of Not Agree	% of Not Agree Severely
Question1	10%	70%	10%	10%	0%
Question2	30%	40%	10%	20%	0%
Question3	0%	0%	40%	30%	30%
Question4	30%	70%	0%	0%	0%
Question5	0%	50%	10%	30%	10%
Question6	0%	40%	20%	20%	20%
Question7	40%	60%	0%	0%	0%
Question8	10%	70%	10%	10%	0%
% of optional Answered for Question9	50 %				

RESULTS & OUTLOOK

cont.

- by chart and after making relation of the chart with percentage by the excel database of previous percentages to appear for useful discussions.



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23

CONCLUSIONS & RECOMMENDATIONS

- My paper may be convince you that ethical and legal issues are integral to much of what we do as security professionals.
- Ethics and legal issues are very important to any company, country, and all the life.
- Otherwise; The issues that related by ethical and legal issues such as security and privacy policies, confidentiality, integrity, authentication and availability, and the affect by many of actions and violations can be counter and affect the ethical and legal issues.

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24



CONCLUSIONS & RECOMMENDATIONS

cont.

- Also are very important understand all of it. To able the professionals to controlling, monitoring, prevention, detection and correction actions.
- Finally; I encourage the other future researchers to research in this field, specially about the ethics and legal issues in the future researches to conclude more good information about it to support the knowledge.



Acknowledgments

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Ahmed Al-Khamayseh

27



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28



Any Question

Thanks for Attention