Team

Ahmed Tolba (ahmedt@microsoft.com)
Khaled Sedky (khaleds@microsoft.com)
Manish Mittal (manishm@microsoft.com)
Nilkund Aseef (naseef@microsoft.com)
Pamela Davis (pdavis@berkeley.edu)

Preface

1. Introduction

This chapter gives an idea about the subject we are going to discuss and gives the roadmap for the discussion different points.

2. History and Evolution of Cyber-crime

This chapter traces the history of technological crime, and identifies areas ripe for exploitation from technology savvy deviants.

3. Links to Physical-crime (including similarities and differences to and from traditional crime-organizations)

This chapter examines the usage of cyber-crime on small scales like theft, piracy, extortion and on large scales by organized crime rings for large-scale extortion, trafficking / Profiteering and Terrorism

4. The Attacker: (Profile of different attackers and what the main motives are)

This chapter presents the different hackers' personas starting from hobbyists and ending by spies and their corresponding motives starting from curiosity and ending by national threatening acts.

5. Trends and effects

This chapter examines the current trends in cyber-crime in the light of its history and tries to project future direction. It also tries to measure the impact of such trends on the economy and the productivity of the nation."

6. Cyber Forensics

This chapter examines:

- Actual Audit routines, software utilities and procedures for conducting cyber forensics investigation
- Managing and profiling network intrusion
- Evaluate forensic practices and software in light of government legislation

7. Impact on national Security

This chapter examines the cyber-crime tools available for terrorists and other militants and how those can be used to target water plants, power plants and other vital infrastructures. It also shows the affects that this would have on our national security and methods to combat this threat.

8. Laws and regulations and their adequacy (including real cases and suggestions)

This chapter examines the existing laws and methods of punishing the attackers. It also discusses the adequacy of those laws and where does the law face limitations in terms of privacy acts and liberties?

9. Conclusion

This chapter would deduce from the facts presented in the previous chapters the state that we are at right now and would suggest some projections for the future

Division of labor

Student	Contribution
Ahmed	Chapters 4 and 5
Khaled	Chapters 2, 4 and 6
Manish	Chapters 7 and 6
Nilkund	Chapters 2 and 3
Pamela	Chapters 1,8 and 9