

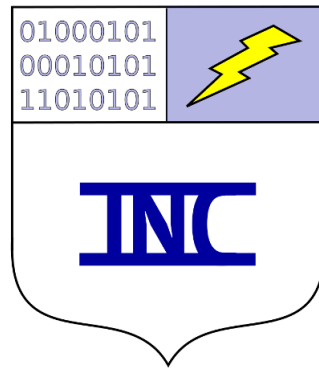
defendIT: Artificial Intelligence for Cybersecurity

Brent Kirkpatrick *

December 5, 2017

© 2017 Intrepid Net Computing

Intrepid Net Computing



www.intrepidnetcomputing.com

*bbkirk@intrepidnetcomputing.com

Abstract

defendIT provides protection and support for security intrusions. When hackers gain access to your network, they steal data and break computers. Use **defendIT** to protect yourself from hacks that happen to other people. Get support for novel intrusions by having Intrepid Net Computing analyze your hacked computers.

Save your IT budget and prevent intrusions. Our approach, **defendIT**, is driven by artificial intelligence analysis of security incident data and prevents intrusions before they happen.

Keywords: Cybersecurity, artificial intelligence, knowledge base, incident data

1 Introduction

Your company or home could suffer a breach or cyber-intrusion. Intrusions and breaches are making the news every day. Equifax, Yahoo, the SEC, and Deloitte are just a few of the recent breaches. Now is the time to protect yourself with **defendIT** [1].

Internet crime has exploded in recent years. Email compromise and email fraud is the most expensive crime on the Internet [2]. In data breach, the average cost per record stolen is \$141 [3]. The chance of recurring data breach is 27.7%. In many breaches, you will be notified by someone outside your company. Hackers break computers after breaching your network, causing IT costs to soar.

defendIT provides intrepid cybersecurity. Intrepid Net Computing [4] uses artificial intelligence to analyze security incident data, giving you state-of-the-art protection.

2 Methods

The methods of **defendIT** are based in artificial intelligence. Intrepid Net Computing relies on security incident data. The best lessons from that data are shared on **defendIT** which is a knowledge-base of state-of-the-art best practices.

defendIT provides protection and service. Protection is provided by up-to-the-minute security best practices. These best practices are revised based on security incident data as incidents happen. Service is available for those times that you are hacked despite implementing the security best practices. You furnish the hacked computer and Intrepid Net Computing analyzes the intrusion routes with artificial intelligence. The resulting new best practices are returned to you and posted on the **defendIT** web portal.

With **defendIT** you benefit every time someone else is hacked. When other people are hacked and their computers analyzed, you find out how to prevent the same hack. As your IT department keeps pace with the **defendIT** best practices, you will be safe from the hacks suffered by other people.

The best practice security measures available through **defendIT** are technical. Knowledge of set-up and configuration of operating systems is required. Users of **defendIT** are assumed to have a solid grounding in IT and skill levels similar to an associates degree.

The security measures released through **defendIT** are appropriate for both home and corporate networks. Intrepid Net Computing makes full use of consumer electronics to produce the security required for enterprise applications.

3 Results

With **defendIT** implemented at home or at work, you will see many benefits. These include

1. fewer IT emergency calls required
2. less money spent on IT
3. less money spent on security

4. fewer intrusions
5. support for analyzing the worst intrusions

Furthermore, the knowledge gained by applying our artificial intelligence analysis to your hacked computer is shared with everyone through **defendIT**. When you are hacked and you get support, you save other people from the same fate.

4 Conclusions

Save yourself the headache of being hacked. Data breaches do not happen when intruders are stopped at the door. Use **defendIT** for corporate and home networks.

defendIT is intrepid cybersecurity in a package. Protection and support. Fearless cybersecurity.

Web

The on-line portal **defendIT** can be found at <http://www.intrepidnetcomputing.com/security/defendIT/>

References

- [1] **defendIT**. <http://www.intrepidnetcomputing.com/security/defendIT/>. Accessed: 2017-12-4.
- [2] FBI. 2016 internet crime report. *ic3*, 2016.
- [3] Ponemon Institute. 2017 cost of data breach study: Global analysis. *Ponemon Institute Research Report*, 2017.
- [4] Intrepid Net Computing. <http://www.intrepidnetcomputing.com/>. Accessed: 2017-12-4.