Executive Summary

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Philadelphia Truck Lines Reconnaissance

**INTRODUCTION**:

This report summarizes the reconnaissance conducted against Philadelphia Truck Lines from September 17, 2016 through September 19, 2016. Philadelphia Truck Lines is a ground shipping/transportation company specializing in air cargo road feeder services. In 2009, they expanded into the ocean cargo business and now operate full-service Container Freight Stations (CFS) (phltrucklines.com). The company has as many as a dozen warehouses operating near large international airports in the U.S. including Atlanta, New York, Dulles/Washington D.C., and Philadelphia.

The shipping/transportation industry, compared to other large industries such as technology, government, entertainment, and retail, has not suffered many large cyber-attacks. “Follow the Data: Analyzing Breaches by Industry” is a report conducted by Trend Micro that describes data breaches by industry from 2005 to 2015. The shipping/transportation industry is not even mentioned in this report. Once a company or an industry as a whole has been breached repeatedly by cyber-attacks, the natural course of action for the rest of that industry is to bolster their defenses to prevent similar devastating effects. As the Trend Micro report shows, the shipping/transportation industry has yet to find itself scrambling from a massive data breach such as ones suffered by the Department of Defense or Home Depot. The shipping/transportation industry and, more specifically, small to medium sized companies within this industry, are more susceptible to data breaches than other small to medium companies in different industries.

**OBJECTIVE**:

 The objective of the reconnaissance performed during the dates listed above is to show who Philadelphia Truck Lines is as a company. It is also intended to show where vulnerabilities might lie within PTL’s systems.

**CONCLUSION**:

 Due to its small size and the industry it resides, PTL is an ideal target for hackers. With its close relationship with transportation unions and involvement with airports, Philadelphia Truck Lines is an ideal company to gain access to as there is an opportunity to spread to larger systems with highly sensitive information. The report will list several technical, social, and economic, factors that show PTL is highly vulnerable to attack.