Introduction

In response to the most recent ransomware attack on the National Health Laboratory Services (NHLS), we, as students studying cybersecurity, have thoroughly examined the threats that MASE Inc. and related companies might encounter. Our report explores the challenges businesses are currently facing, describes how to recognize and evaluate these risks, and offers workable solutions for reducing them. Our goal in conducting this research is to provide MASE Inc. and its partners with helpful guidance that will help them remain resilient in the always shifting cyberspace.