



Secfault Security

RoboForm Security Review

Summary Overview

for

Siber Systems Inc.

3701 Pender dr, Suite 400, Fairfax
22030 Virginia

- hereafter called "RoboForm" -



Document History

Version	Author	Date	Comment
1.0	Gregor Kopf	2023-05-17	Created Summary Overview



1 Security Assessments Summary

Secfault Security was tasked by RoboForm with the execution of a penetration test of the RoboForm solution. This document provides a summary overview of the test scope and the obtained results.

The scope of the project included grey-box penetration tests against the following RoboForm clients:

- Windows desktop client
- Mac desktop client
- iOS mobile app
- Android mobile app
- Web portals (`online.robiform.com` and `start.robiform.com`)
- Browser extensions

The test procedures included manual dynamic tests, as well as binary analyses. The project has been executed in the time-frames from 2022-Aug-01 to 2022-Sep-02, 2022-Sep-12 to 2022-Sep-16 and 2022-Oct-04 to 2022-Oct-12. The overall effort for the analysis was 36 person days. The project communication was performed via a Slack channel. This enabled both parties to efficiently clarify questions and to provide feedback on the identified issues and their fixes.

During the execution of the project, several vulnerabilities of varying criticality could be identified. The identified issues have been reported to and addressed by RoboForm.

Secfault Security retested the solutions afterwards in order to evaluate the effectiveness of the deployed fixes. During the retest, it was found that all identified issues of medium or high severity have been fully remediated. One low-severity issue has been marked as "Risk Accepted", as currently no directly exploitable vulnerabilities emerged from it. The retest has been performed in the time-frame from 2023-Mar-20 to 2023-May-10.

Based on the project's results and on the implemented fixes, Secfault Security believes that the RoboForm solution meets a reasonable standard of security.

We would like to express our gratitude to the RoboForm team for their outstanding cooperation, transparency, and dedication in successfully completing this important security audit.