

Research in ” How to increase firmware security? ”

Svetoslav Stoyanov
Software Engineering
Fontys Venlo Hogeschool

November 18, 2020

Contents

1	Introduction	ii
1.1	Research Design	ii
1.1.1	Purpose of the study	ii
2	References	iii

Chapter 1

Introduction

1.1 Research Design

The conducted research is mainly about firmware security but the topic of embedded devices will also be mentioned because the two work together. In general, most devices with firmware are relatively easy to reverse engineer by hackers who want to find vulnerabilities that they can exploit in order to attack different parts of an eco-system.

1.1.1 Purpose of the study

The goal of this research is to find a way to better protect firmware code from being accessed or edited by unauthorized entities.

Chapter 2

References

- <https://www.mdpi.com/2076-3417/10/11/4015/htm>
- <https://link-springer-com.fontys.idm.oclc.org/chapter/10.1007>