

UNIVERSITY OF AMSTERDAM

RESEARCH PROJECT I PROPOSAL

PROTECTING AGAINST RELAY ATTACKS

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1 Introduction

As technology progresses, many traditional devices are improved with wireless features, aimed to improve user's comfort. Examples of these improvements can be found in access control (car keys, company IDs, public transportation cards) or credit card payment systems, among others.

Most of these systems are vulnerable to relay attacks, in which an attacker simply forwards messages between parties. These are specially dangerous in some cases, as they can provide unauthorized access even if the communication is fully encrypted and protected.

2 Related work

Related work here.

3 Research Questions

Research Questions here.

4 Approach

Approach and methodology here.

5 Planning

Planing here.

6 Expected results

Expected results here.

7 Ethical considerations

Ethical paragraph here. Bonus stage!

8 References