



Università degli Studi di Ferrara

UNIVERSITÀ DEGLI STUDI DI FERRARA
CORSO DI LAUREA IN INFORMATICA

*Data diodes for secure Industry 4.0
networking:
The railway track monitoring use case*

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ANNO ACCADEMICO 2020 – 2021

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Ringraziamenti

Riassunto

Qui, inserire un breve riassunto del lavoro in italiano.

Chapter 3

Introduction

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Qua inizia la numerazione delle pagine, guardare in alto della pagina

Industry 4.0 and cybersecurity

- 4.1 Theory behind the Industry 4.0 movement
- 4.2 Typical use cases
- 4.3 Industrial IoT and the cybersecurity problem

Alstom group and their problem

5.1 Dissecting Alstom as a company

5.2 Alstom solution for railway track monitoring

focusing on their shift to computer science oriented solutions

Project

- 6.1 Alstom issues with interacting with machines under private networks
- 6.2 Goals of the thesis
- 6.3 Top-down description of the implemented solution

Conclusion
