



Traffic Control in Industrial Automation Networks

with focus on Paper Machines

Masterstudium: Technische Informatik

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Industrial Automation Networks

A trend towards **Ethernet-based** automation networks can be observed!

- more and more subsystems share the **same network medium**
- the probability of **unwanted influences** between subsystems rises
- an Internet connection is often available
- the network is vulnerable to threats like intrusion, malware, etc.

Aim of the Thesis

Improvement of **Dependability** and **Security** of industrial automation networks!













