

# Bachelor Project: Applied IT-Security

# Security for Industry 4.0



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

# AIRBUS

## Overview

Integration of Cyber-Physical Systems into automation facilities / factories

Problem: Security is not a design goal!

**How can we secure the digital factory of the future?**



INDUSTRY 4.0



## Your Tasks

### Virtual Factory

- Build your own virtual factory via FactoryIO

### Real Hardware

- Integrate physical PLCs to orchestrate your virtual factory

### Strong Industry Partner

- Cooperation with AIRBUS



## Summary

Title: Bachelor Project - Applied IT-Security

Organizer: IT-Security and Security Management

Stine: [64-196] PJ IT-Sicherheit (9 CP)

<https://www.inf.uni-hamburg.de/inst/ab/snp/courses/bachelor/project-ais.html>

