

## Supervisor assessment of Bachelor's Thesis

**Student:** Kamenský Timotej  
**Title:** Prototype of Intrusion Solution for Mobile Networks (id 24557)  
**Supervisor:** Veselý Vladimír, Ing., Ph.D., DIFS FIT BUT

### 1. Assignment comments

The assignment is a continuation of the scientific research started within the SEC6net grant (Moderní prostředky pro boj s kybernetickou kriminalitou na Internetu nové generace, dr. Matoušek, sponsor of the Ministry of Internal Affairs of the Czech Republic) and in my opinion it is a more demanding assignment by its nature (i.e., programmatic control of the physical and link layer).

The aim of the topic was to create a prototype of a tactical device for intrusion of wireless (especially mobile) networks, which the student more or less implemented.

### 2. Literature usage

The student actively searched for relevant sources and used them in the text. The bibliography contains balanced mix of online resources and research articles.

### 3. Assignment activity, consultation, communication

The student consulted regularly and fulfilled agreed tasks. However, during the summer semester his performance from my point of view slowed down, the implementation did not go as smoothly as the preparatory activities in the winter semester.

### 4. Assignment finalisation

The work was completed in a hurry to meet scheduled delivery. Chapters 5 (Implementation) and 6 (Testing) show reduced quality due to lack of time compared to the rest of the text. The student consulted the final state. Despite that not all comments were incorporated into the text.

### 5. Publications, awards

The student presented partial outputs of the work at the EXCEL@FIT 2022 conference, where it also received recognition by an industrial partner Honeywell.

### 6. Total assessment

**good (C)**

The assignment was fulfilled, but the quality of the prototype is less than what I had hoped for a collaboration lasting from August 2021.

Nevertheless, the student successfully demonstrated all acquired bachelor's skills and that he is capable of standard independent creative work in IT. Therefore, I suggest grade C.

In Brno 1 June 2022

Veselý Vladimír, Ing., Ph.D.  
supervisor