

**Theme of final qualification work:** Protection of trade secrets at the enterprise on the example of the greenhouse enterprise

**Author of WRC:** Kruk Dmitry Valerievich

**Supervisor of WRC:** Ph.D. Sci., Associate Professor, Department of Information and Communication Technologies, Mathematics and Information Security, Ryndyuk V. A

**Information about the customer organization:** IP Kruk "Flower production»

**Relevance of the research topic:** At the enterprise " Flower production " is necessary to protect trade secrets, as it represents important information about the technology of growing various crops and flowers.

**Purpose of work:** to develop a system for protecting trade secrets at the enterprise.

**Tasks:** to analyze the enterprise, the means of information protection, the flows of information circulating in it, to develop a strategy for the development of commercial secrets of the enterprise.

**Theoretical and methodological foundations of the study.** In our work, we use methods of theoretical analysis, comparison methods.

**Results of the study:** the infrastructure of the «Flower production» was investigated and the initial data for the design of a system for protecting trade secrets were determined; developed a concept for protecting trade secrets; An arrangement of information security facilities has been developed.

**Recommendations:**

1. Install a mortise lock and a GSM security alarm system, Guard Premium 2 on the front door.

2. Install CCTV cameras in front of the entrance to the building, as well as under the windows.

3. In the negotiation room - install a blank soundproof door, 36 dB.

4. Use our uninterruptible power supply UPS SVEN UP-L1000E.

5. Install a new anti-virus system for Kaspersky Small Office Security 2019.

6. Install the Predator Pro dual authentication program on all personal computers.

7. Next, install Comodo Firewall. In case of unauthorized entry into the computer, the program will give an alarm.

8. Also, we propose to provide protection against information leakage through acoustic channels. To do this, install the LGSh-Z0Z noise generator in the meeting room.