

Citation for the Thesis

This thesis investigates wireless intrusion detection techniques for detecting attacks on IEEE 802.11i Robust Secure Networks (RSNs). Despite using a variety of comprehensive preventative security measures, the RSNs remain vulnerable to a number of attacks. This research proposes novel wireless intrusion detection techniques to detect such attacks. This research also studies correlation of the generated alarms across wireless intrusion detection system (WIDS) sensors and the detection techniques themselves for greater reliability and robustness.

The results of this research have been published in a number of national and international conferences. The research ideas proposed in this thesis can also be applied to other areas of intrusion detection besides wireless networks.