

Τίτλος Προτεινόμενης Διπλωματικής Εργασίας A Survey of Personal Area Networks Vulnerabilities and Attacks
Επιβλέπων Γ. Καμπουράκης
Αριθμός Φοιτητών Ένας
Στόχος Διπλωματικής Εργασίας
Συνοπτική Περιγραφή Διπλωματικής Εργασίας <p>Personal Area Networks (PAN) have turned into an indispensable component of the Internet-of-Things. However, PANs have been the subject of numerous attacks which stem from the inherent inefficiencies of the security subsystems of the corresponding protocols. To date, there is no systematic survey of their vulnerabilities, threats and the possible impact of a security breach. The student will have the opportunity to study the security architecture of the most popular PAN technologies and analyze the potential vulnerabilities and documented attacks against them.</p> <p>Deliverables: High-level description of Personal Area Networks. Detailed description of the security architecture of most popular PAN protocols (Zigbee, Bluetooth, etc.) Study of possible vulnerabilities. Survey of documented attacks against such networks.</p>
Προαπαιτούμενες Γνώσεις Requirements: Familiarity with Latex. Strong knowledge of English language.
Ενδεικτικές Βιβλιογραφικές Αναφορές
Ημερομηνία: 29.06.2017