

Telecommunication Systems Security

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Description

The talk will focus on practical issues of telephony security. Secrets of private telephony switches (PBXs), mobile phones and DECT phones will be discussed, in software and hardware level. Eavesdropping, denial of service, fraud and other malicious techniques against telephony users will be analyzed. The audience will be able to understand fraudsters' modus operandi and will be presented the necessary protection methods. The talk will be followed by video recorded demonstrations of the techniques presented.

Short CV

Dr Iosif Androulidakis has authored more than 70 papers and presented more than 100 talks and lectures on ICT security issues in international conferences and seminars in 19 countries. His research interests focus on security issues in fixed and mobile telephony systems where he has more than 20 years of experience. Recent collaborations include Greek PTT's Security & Fraud Control Division, the Greek Fiscal and Economic Investigation Bureau, Police Cybercrime departments (Greece, Slovenia, Lithuania, Latvia, and Hungary), the European Police College (CEPOL), the European Public Law Center, the Southeastern Europe Telecommunications & Informatics Research Institute, the Media and many private security consulting firms. Holding five patents, he is a member of IEEE (Technical Committee on Security & Privacy) and ACM (Special Interest Group on Security Audit & Control), editor in ETASR, IJNCM and JDCTA journals as well as a certified ISO9001 and ISO27001 systems auditor and consultant.