MODERN SOCIAL NETWORKS EMERGING CYBER THREATS IDENTIFICATION

(A PRACTICAL METHODOLOGICAL FRAMEWORK WITH EXAMPLES)

Zlatogor Minchev & Suzan Feimova

MODERN SOCIAL NETWORKS COMPLEXITY

METHODODOLOGICAL FRAMEWORK

Present situation
Alternative future 1
Alternative future n

Believes
Morphological Analysis
System Analysis
Formalized believes

Validated Believes

Scenario 1
Scenario k

Multicriteria & BSC Analysis
Interactive agent based simulation with environment & users monitoring

VALIDATION

EXPERIMENTAL MONITORING

QUANTITATIVE ASSESSMENT

PLAUSIBLE SCENARIOS SET

SOCIAL ENGINEERING M & S

ANALYSIS

CONTEXT DEFINITION

INSTITUTE OF ICT, BULGARIAN ACADEMY OF SCIENCES
IT FOR SECURITY DEPARTMENT, JOINT TRAINING SIMULATION & ANALYSIS CENTER
SOFIA 1113, ACAO. GEORGI BONCHEV STR., BL. 25A, ROOM 116
E-MAILS: ZLATOGOR@BAS.BG, COEOA@BAS.BG, WEB PAGES: HTTP://WWW.IT4SEC.ORG/ITSAC, WWW.SNFACTOR.COM

250 STUDIED USERS SELECTED RESULTS

MOST USED SOCIAL NETWORKS VIA SMART DEVICES:

Type of information exchanged via Smart Devices:

N = 2016 SCENARIO COMBINATIONS