



# **MOBILEUM**

## Vulnerability Testing



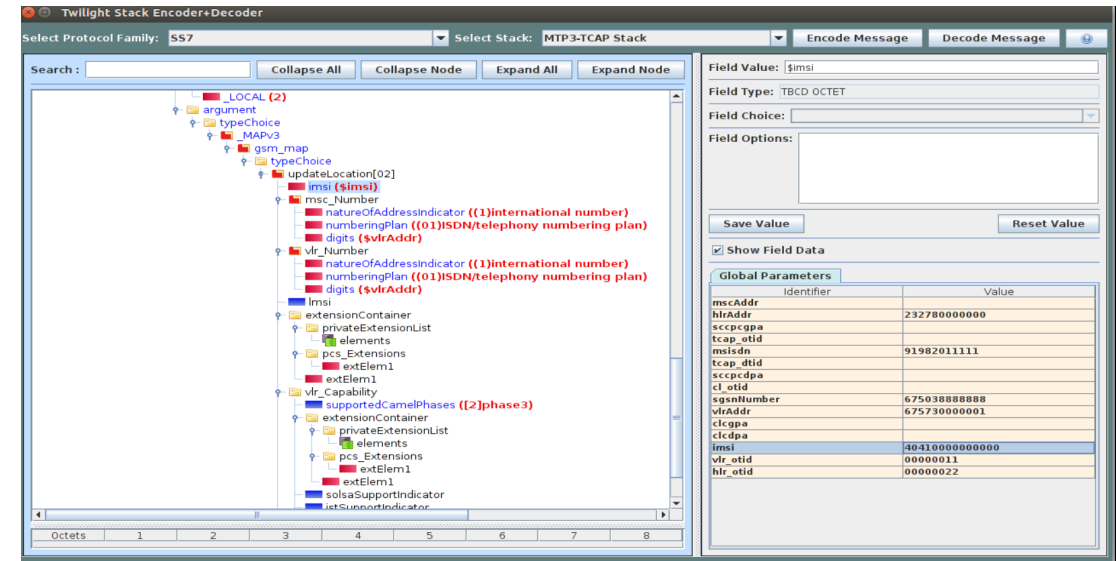
# Identifying security threats and risks

Method	Description	Advantages	Disadvantages
Penetration testing	Via signaling link attempt to attack network as a fraudster/hacker would	Identifies potential weaknesses	Doesn't identify whether attacks are happening  A one off penetration test is merely a snapshot, but cost of regular tests is high
Threat assessment	Traffic capture and passive firewall analysis to identify attacks	Identifies real level and types of attacks  Identifies sources of attacks	Large file of traffic required  Offline passive firewall won't trap some category 3 attacks



# Penetration testing

1. One off penetration test and report  
(provided via Mobileum partner)
2. Mobileum Twilight product
  - › Enables continuous testing
  - › Enables new tests to be crafted
  - › Deployment options
    - Remotely connected via SS7 (monthly)
    - On site (or in group operator)
  - › Tests created/executed by operator or as managed service by Mobileum





# Threat assessment

- Passive capture of ~1 day of signalling traffic
- Processed through firewall (with exceptions configured)
- Report of actual attacks and sources
- Repeat tests or continuous testing