

Expanding on forensic tracing requirements

Rahel A. Fainchtein

Forensic tracing - Towards Security Considerations:

- Emblems do not prevent or stop attack
- Plausible deniability surrounding emblem presence or visibility
 - Establishing/Proof of Presence
- Removability requirement for some emblems
 - Establishing/Proof of Absence –
Verifier's need to determine emblem freshness

Forensic tracing – Other potential needs

- Tracking creation and evolution of emblem or of asset(s) bearing it
 - Evolution took place as expected or required
 - E.g. Item arrived at checkpoint location along its route; OR
 - Anomalies or changes in evolution
- Demonstrating evolution of asset and/or emblem was properly monitored
 - Might be especially important for assets containing or consisting of hazardous materials