

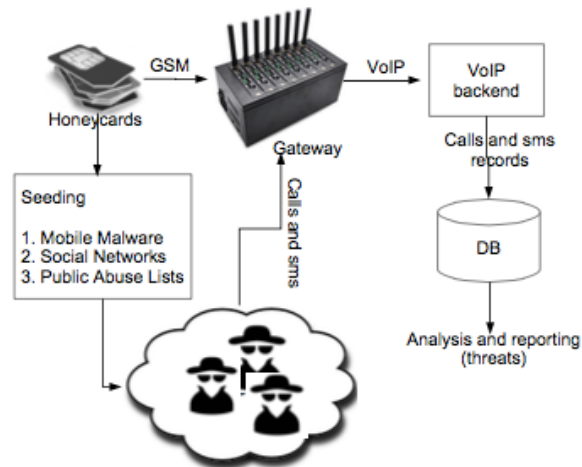
# TWC: Small: Securing the New Converged Telephony Landscape

## Challenge:

- Evolution of telephony now allows criminals to abuse it by targeting large number of users at very low cost. Understanding these attacks and abuse tactics presents numerous challenges, including lack of ground truth.

## Solution:

- Develop, deploy and use telephony honeypots to better understand telephony attacks
- Telephony honeypots present new challenges such as higher cost, need for engagement and ease of caller-id spoofing.



## Scientific Impact:

- Demonstration of the viability of deploying telephony honeypots and validation of intelligence derived from them
- New insights into how attackers target victim phone numbers

## Broader Impact:

- Robocalling and telephony scams are a serious problem for everyone. By detecting and stopping them, millions of citizens can be protected.
- Active engagement with multiple companies and industry groups such as MAAWG has led to broader adoption of telephony honeypots.
- Doctoral and other graduate level education and training.