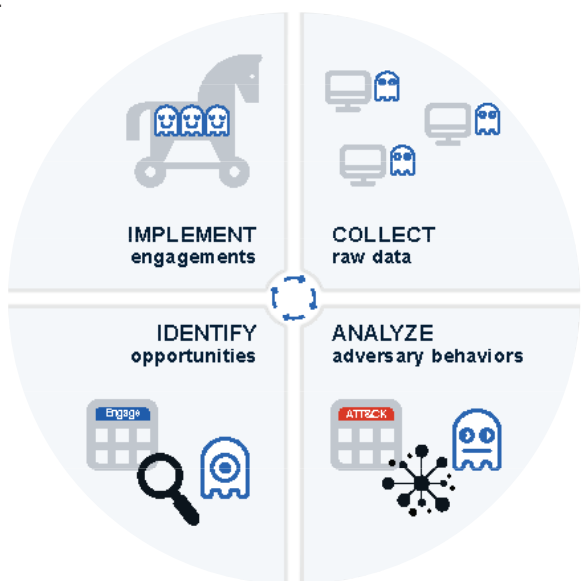


# OPERATIONALIZING THE MITRE ENGAGE™ MATRIX

The activities in the MITRE Engage Matrix are driven by real adversary behavior and are intended to help the defender align and drive progress throughout this process while supporting a larger defensive cyber strategy. Using the Matrix, adversary engagement operations should be an iterative process; continuously refining and changing operational activities based on adversary behavior and defensive goals.

## APPLYING THE ENGAGE MATRIX TO AN OPERATION

Adversary behavior is the driver behind the defender’s opportunities for adversary engagement. When an adversary engages in a specific behavior, they are vulnerable to exposing an unintended weakness. By analyzing this behavior, the defender can examine the revealed weaknesses and identify an engagement activity or activities to exploit this weakness. Therefore, the activities described in the Matrix can be integrated into a larger cycle of **collecting** raw data from your network, **analyzing** this data to understand adversary behavior, **identifying** opportunities for engagement based on this behavior, and **implementing** engagement opportunities. The cycle continues as the defender constantly refines operational activities in response to adversary reactions and operational objectives. The Engage Matrix is intended to drive such discussion and planning activities. By helping the defender identify engagement opportunities in response to real adversary behavior, the Engage Matrix helps the defender to plan, execute, and analyze engagement operations to drive effective progress throughout this four-stage cycle.



Every organization can use Engage to find the right level of deception for their security program.

Bill Hill, MITRE CISO



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