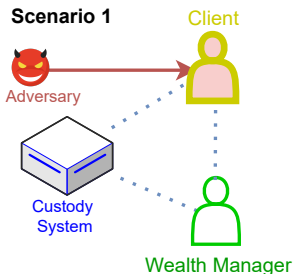
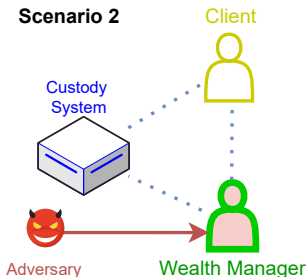


### Scenario 1

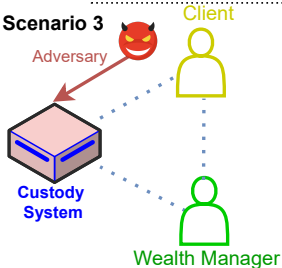


### Scenario 2

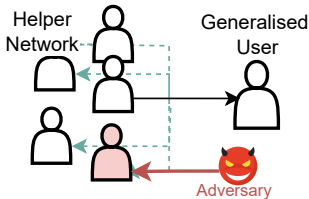


In all scenarios, system is not compromised;

### Scenario 3



### Scenario 4



Compromised Party



Uncompromised Party