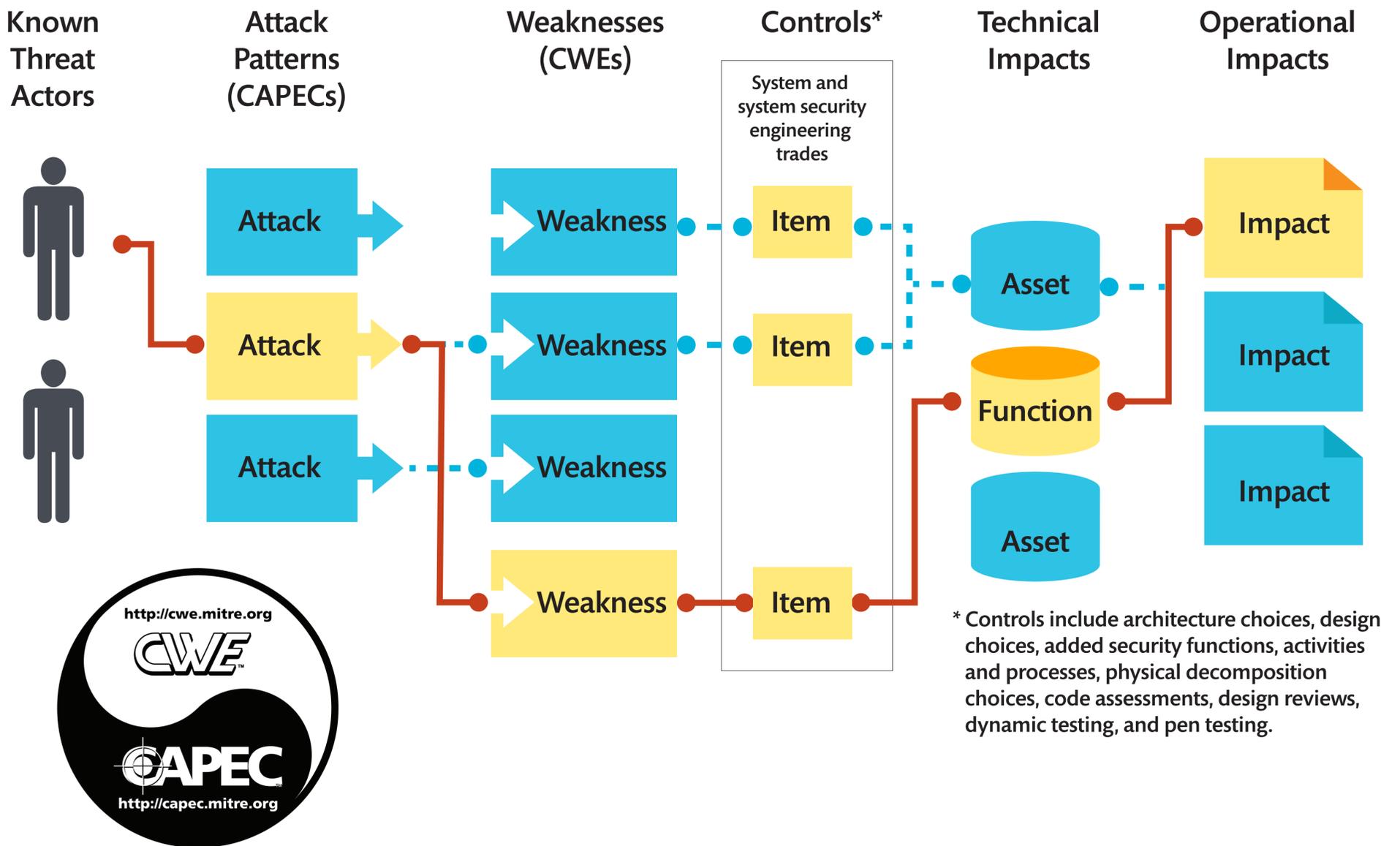


# Software Assurance

## Engineering for Attacks



## Picking Your Top 25 CWEs

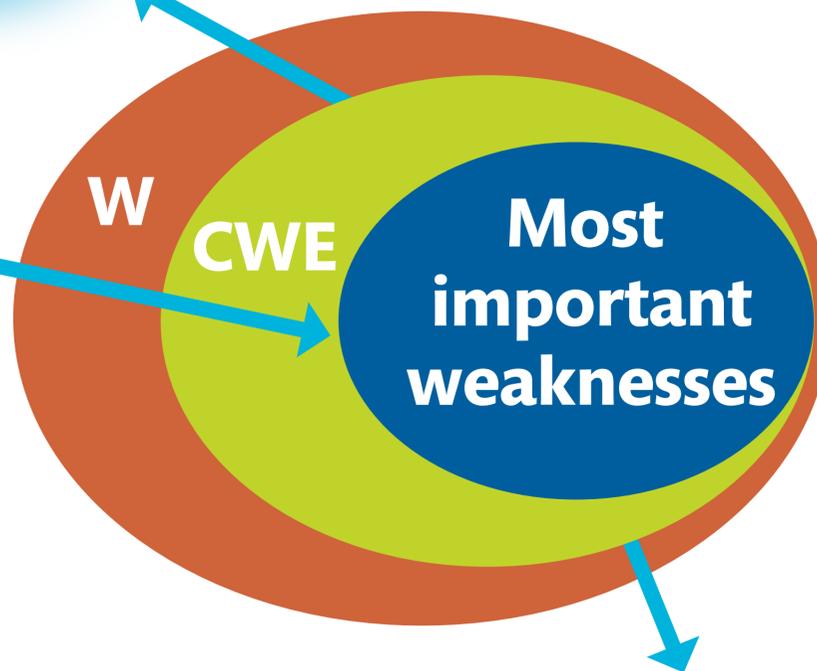
Common Weakness Risk Analysis Framework (CWRAF) Vignette-based Technical Impact Scorecard

CWRAF-level Technical Impacts of CWEs

1. Modify data
2. Read data
3. DoS: unreliable execution
4. DoS: resource consumption
5. Execute unauthorized code or commands
6. Gain privileges/assume identity
7. Bypass protection mechanism
8. Hide activities

CWSS Scoring Engine

CWSS Score	CWE
97	CWE-79
95	CWE-78
94	CWE-22
94	CWE-434
94	CWE-798
93	CWE-120
93	CWE-250
92	CWE-770
91	CWE-829
91	CWE-190
91	CWE-494
90	CWE-134
90	CWE-772
90	CWE-476
90	CWE-131



CWE	Related CAPEC IDs
CWE-79	CAPEC-232, CAPEC-106, CAPEC-19, ...
CWE-78	CAPEC-108, CAPEC-15, CAPEC-43, CAPEC-6,

