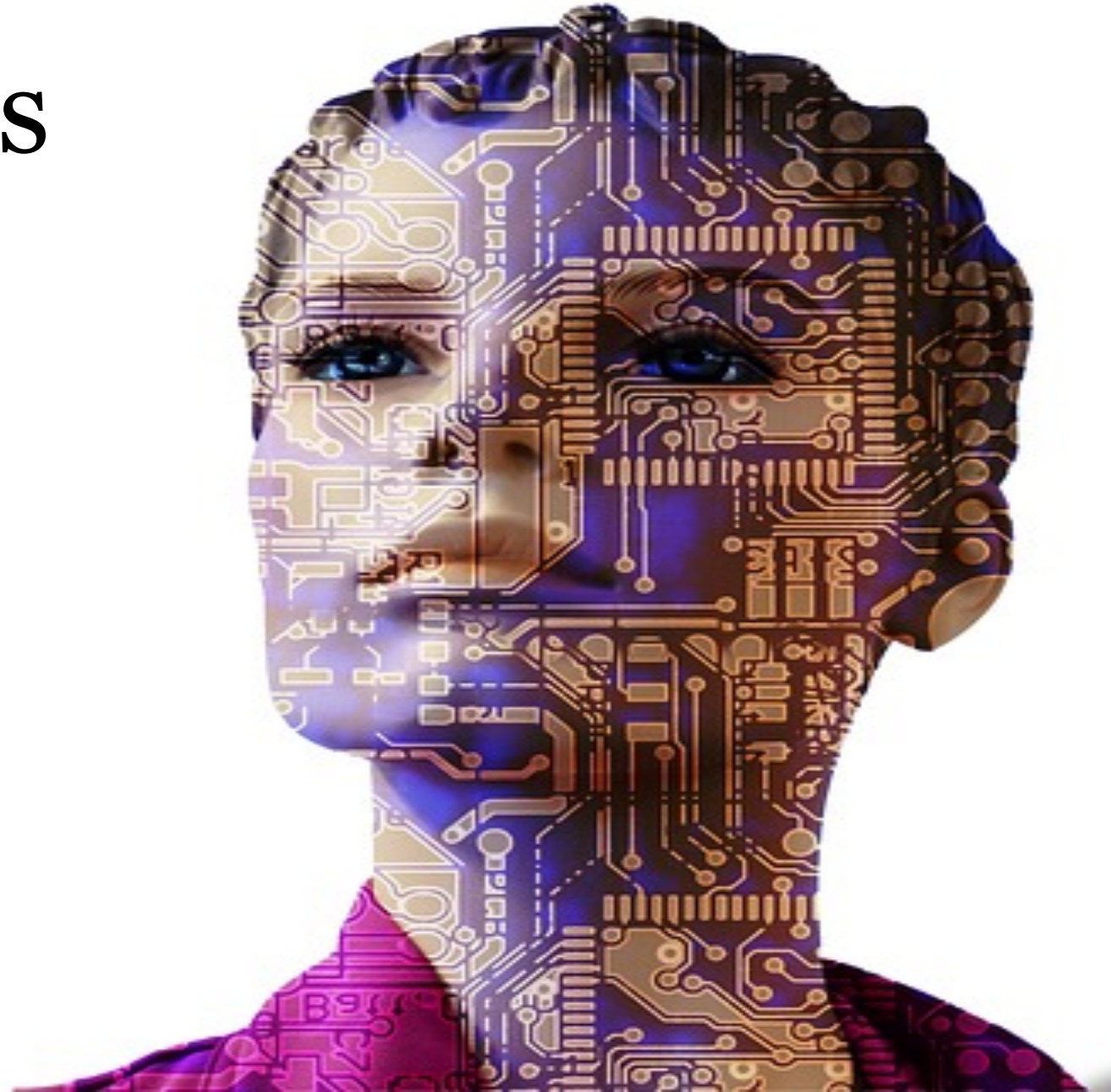
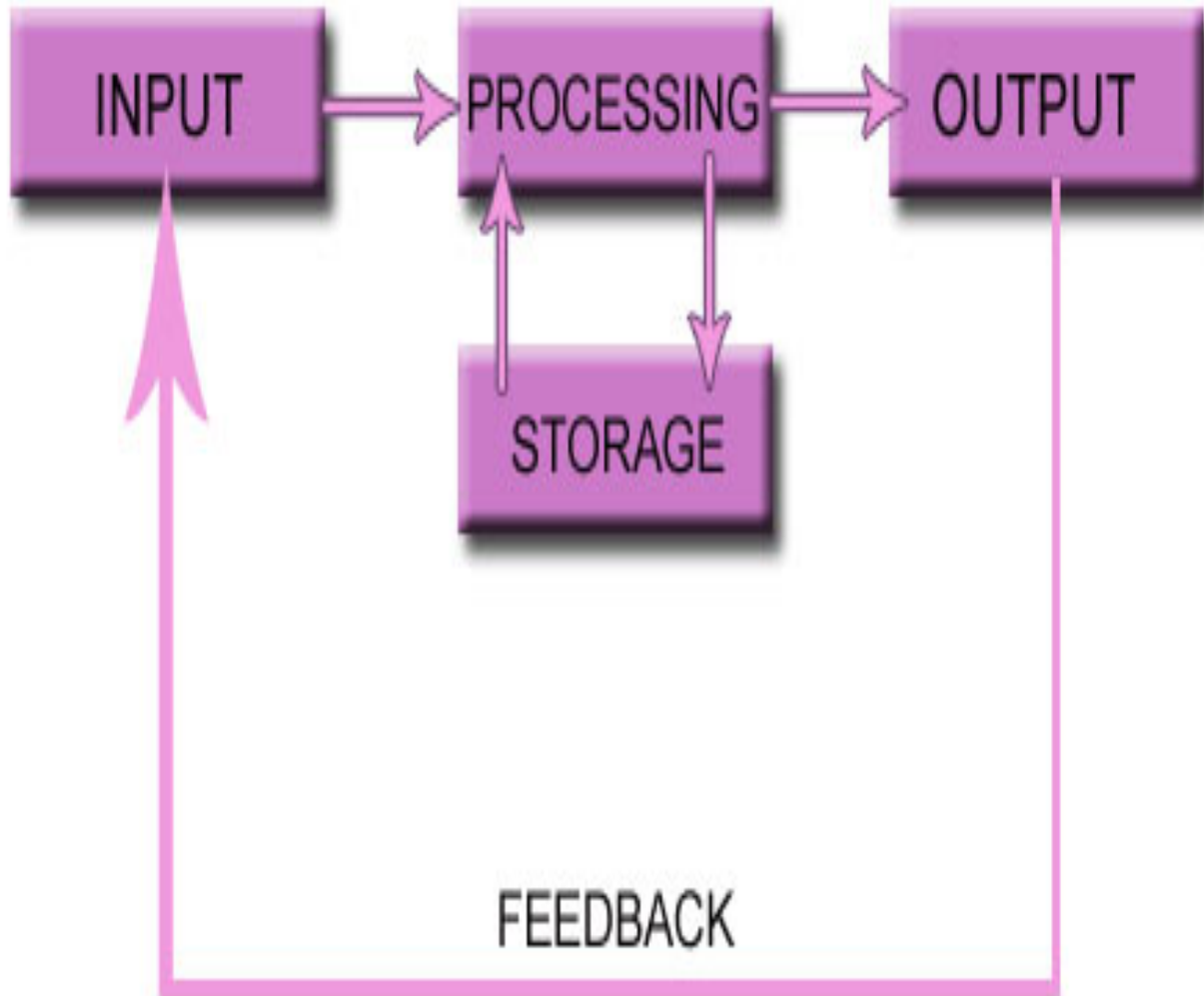


Training Humans To Be Machines



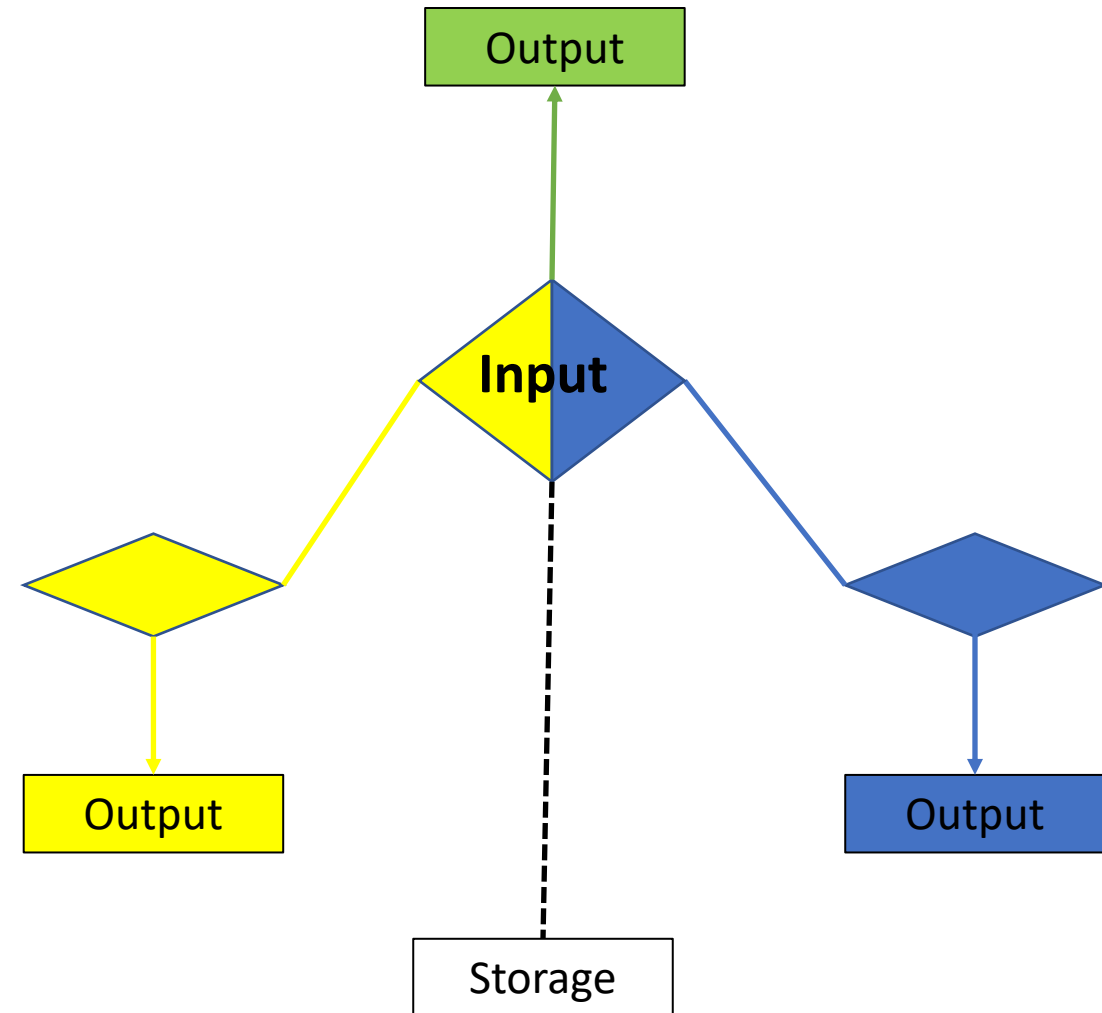
Machine Input/Output



- Input is based on the specific output
- Input is processed without choice
- Output demands stringent input
- Output determines if input stays the same or will change
- Output receives analysis or feedback
- Storage designed to make output more efficient
- Everything is stored
- Storage doesn't change until input changes

Human Input/Output

- Input has nothing to do with output; output has nothing to do with input
- Input is only processed if a decision is made to process it
- Output requires no specific input
- Output will determine if input will be required again
- Output is reacted to
- Storage only happens if input is pleasant
- Only what is pleasant is stored
- Storage can change if input never changes

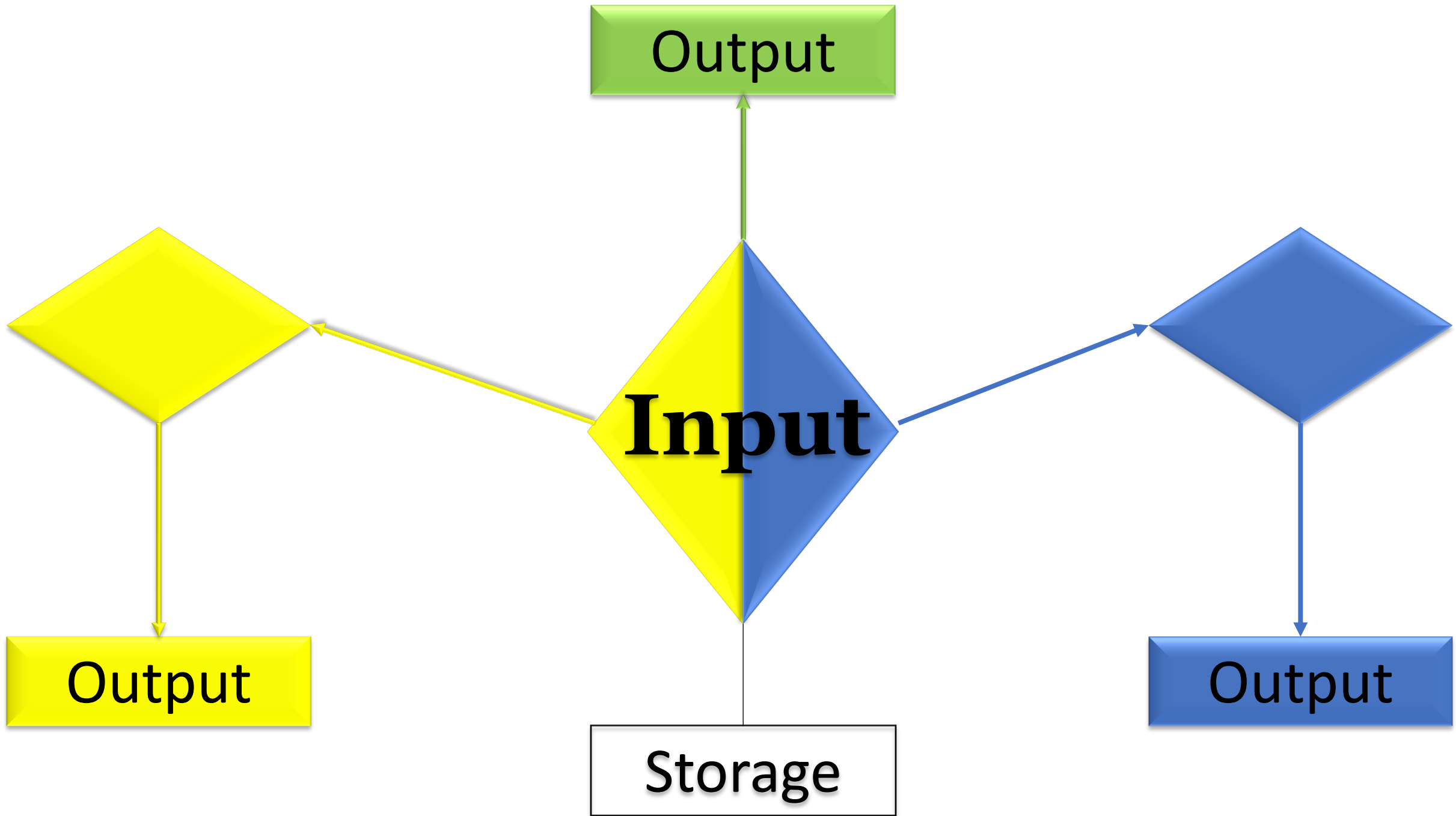


Learning Styles



- Visual (seeing)
- Aural (hearing, listening)
- Verbal (talking, reading)
- Physical (touching, doing)
- Logical (thinking, figuring out)
- Social (focus groups)
- Solitary (self-learning)







Blame Culture

- 1. 1-hour computer-based training
- 2. 10 question test

- 1. Visual
- 2. Aural
- 3. Verbal
- 4. Physical
- 5. Logical
- 6. Social
- 7. Solitary

Security Awareness & Training



Security-focused CULTURE







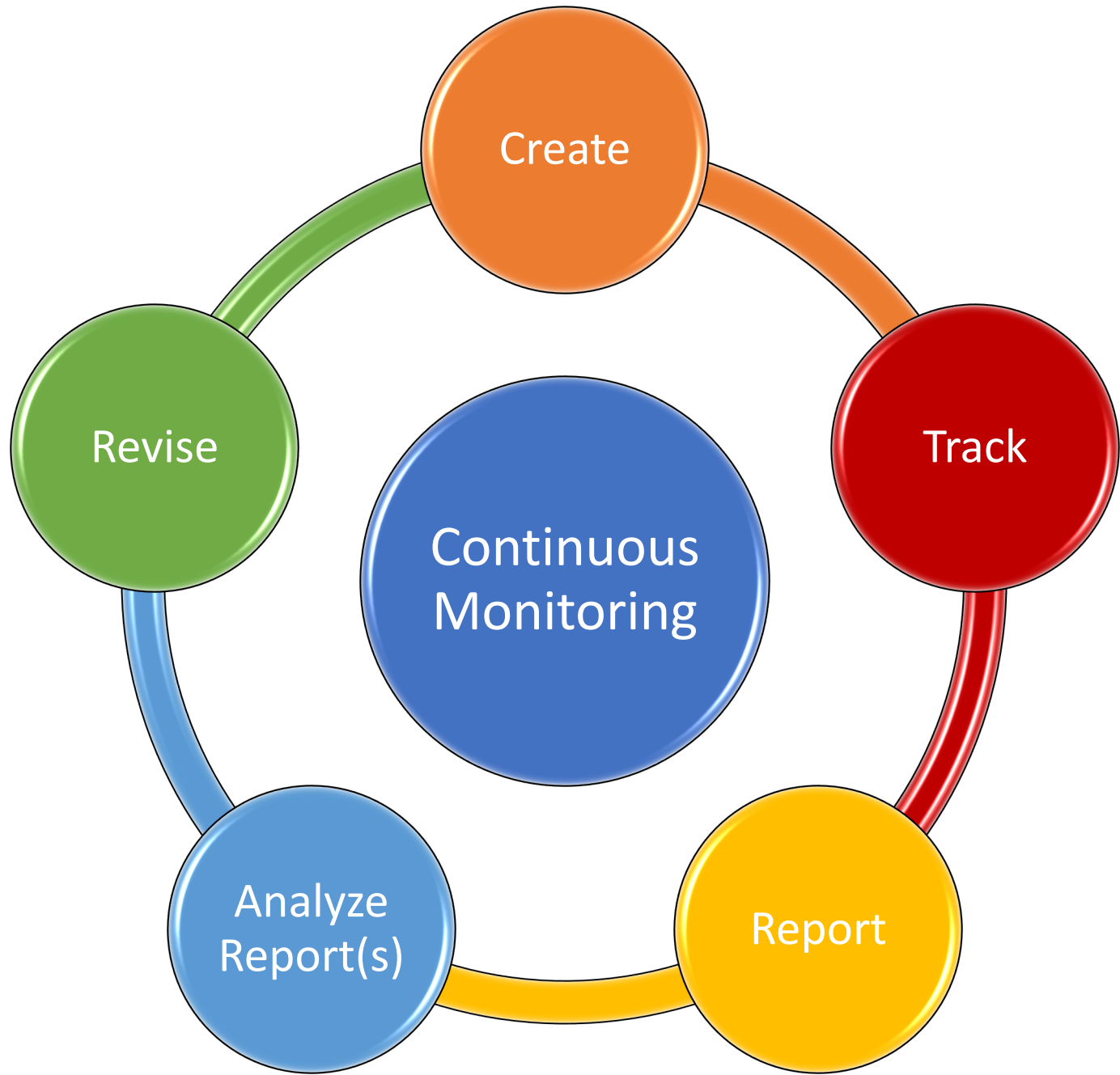
Creating Effective Training

Make your organization security aware

1. Create a Security Awareness & Training Policy
 - Define security awareness & training manager
 - Define minimum training requirements for all employees and special roles
 - Define minimum requirements for training
 - Automation
 - Require sign-in rosters
 - Require signatures at conclusion of training
 - Define reporting standards and timelines
 - Define key performance indicators
 - Define penalties for non-compliance
 - Define minimum training requirements for the organization
 - Require yearly read of policy with acknowledgement signature
 - Read policy in all training (or parts of it)
2. Communicate Reporting Metrics to Organization

Create a Security Awareness & Training Plan

1. Define your organization's security lifecycle
2. Define training objectives
3. Define types of training
 - Preferably based on learning styles
4. Define training period
5. Identify success metrics and critical success factors
 - What will make training effective?
 - What must training possess to be effective?
 - How must training be conducted to be effective?
6. Identify Key Performance Indicators
 - Developed by expected results of training as an organization
 - What does training do or expected to do for the organization?
 - What are the indicators that training is successful?
7. Identify Reporting Metrics
 - Identify who receives what reports
 - Define information to be included in each report



COMPLIANT





QUESTIONS?

