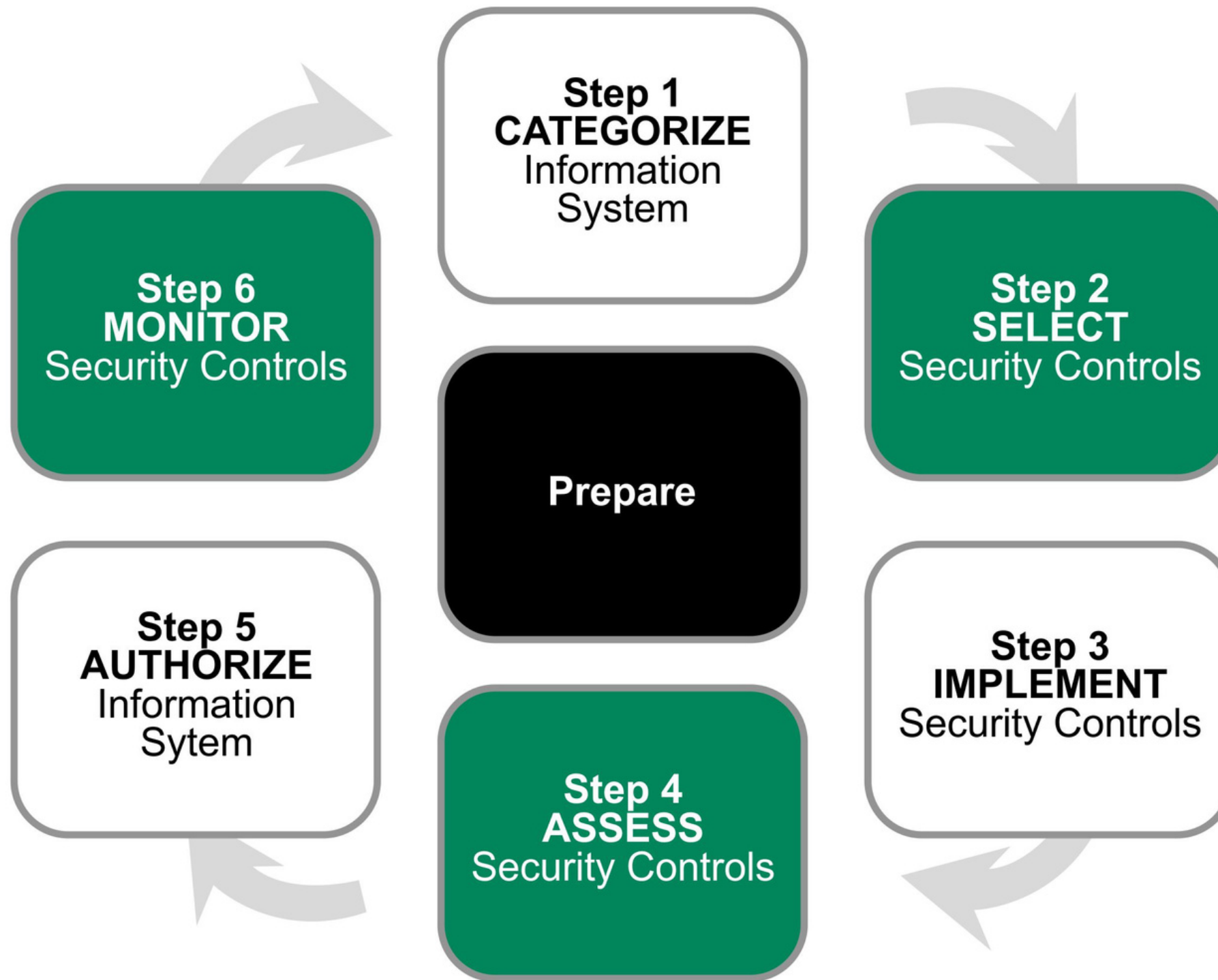# THE RMF PROCESSES

NIST RMF

One preparatory step followed by 6 main steps

STEP 1: PREPARE

There are two main concerns here

- Security Risks
- Privacy Risks

STEP 2: CATEGORIZE

All assets are categorized and the impact (low, moderate or high) of their losses will be analyzed.

STEP 3: SELECT

What tools and controls are we going to choose to help us protect the assets we categorized in step 2 (NIST SP 800-53 Rev 5)

The higher the categorization, the more controls will be needed.

STEP 4: IMPLEMENT

The controls selected in step 3 are now applied.

This can be done in a variety of ways e.g 2FA can be implemented using a text message or hardware token.

STEP 5: ASSESS

The controls implemented in step 4 are now assessed to determine how effective they are. Are they working as intended? Do we need to make some modifications?

STEP 6: AUTHORIZE

The senior official decides whether or not to approve the deployment and use of a system. The decision is based on how much risk the official is ready to accept by approving the system.

STEP 7: MONITOR

All systems are monitored to make sure they are running as intended and to make sure the risk level determined remains consistent.

This will be an ongoing process through regular testing and analysis.