Testing and Certification Program

Policies, Process, and Procedures

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Policy, Process, and Procedure Overview

- Version 2.0 of Testing and Certification Program Manuals expire in 2018

- EAC decided to revamp manuals to coincide with structure of VVSG 2.0

  - Commissioners' Policy documents: high-level policy governing the Testing and Certification Program (i.e. Principles and Guidelines)

  - EAC's Testing and Certification Program Process and Procedure documents: lower-level procedures (i.e. Requirement and Test Assertions)

The Structure

Testing and Certification Program Quality & Policy Manual (new)

Operating Procedures	Requirement & Test Assertions (new)	Manufacturer Registration	VSTL Accreditation	Voting System Testing and Certification

Requirements and Test Assertions:

The Process

Development

- EAC and NIST are using a public working group (PWG) process to facilitate the development of the requirements and test assertions.
  - PWGs provide recommendations to the NIST and EAC

- With consideration of PWG recommendations, NIST will provide EAC requirements and test assertions, entitling the document *VVSG 2.0 Requirements and Test Assertions.*

Distribution and Implementation

- The Executive Director will distribute the initial version of the *VVSG 2.0 Requirements and Test Assertions* to each of the EAC's advisory boards.

  - Distribute in the same order of VVSG 2.0 Principles and Guidelines:
    - TGDC
    - Board of Advisors and Standards Board simultaneously.
  - Submitted for public comment.

- Comments will be addressed and then Commissioner vote to adopt final version.

VVSG 2.0

Public Working Groups

Requirements

Test Assertions

VVSG 2.0 Requirements and Test Assertions
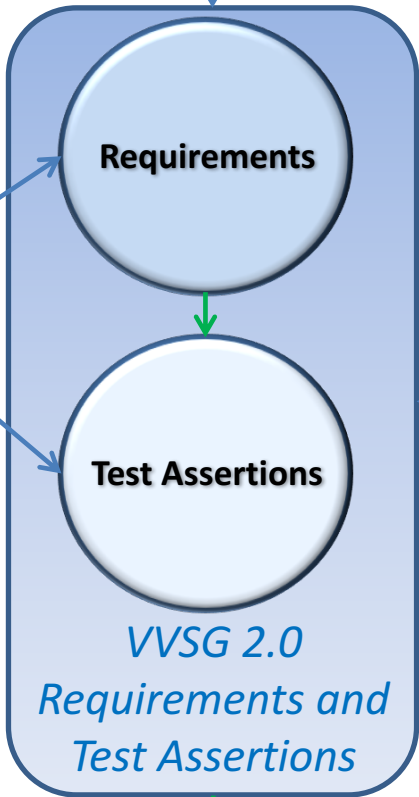
TGDC, Standards Board & Board of Advisors Review and Comment

Commissioner Vote

EAC Implementation

Recommendations

- Recommendation is a suggested revision or update to the *VVSG 2.0 Requirements and Test Assertions*

    - By the public through the PWG process. The Chair (NIST) or Co-Chair (EAC or TGDC) of the PWGs can make a recommendation directly to the EAC to revise or update the *VVSG 2.0 Requirements and Test Assertions*.

    - Directly to the EAC by a State or Local election official or an EAC advisory board.

Recommendations
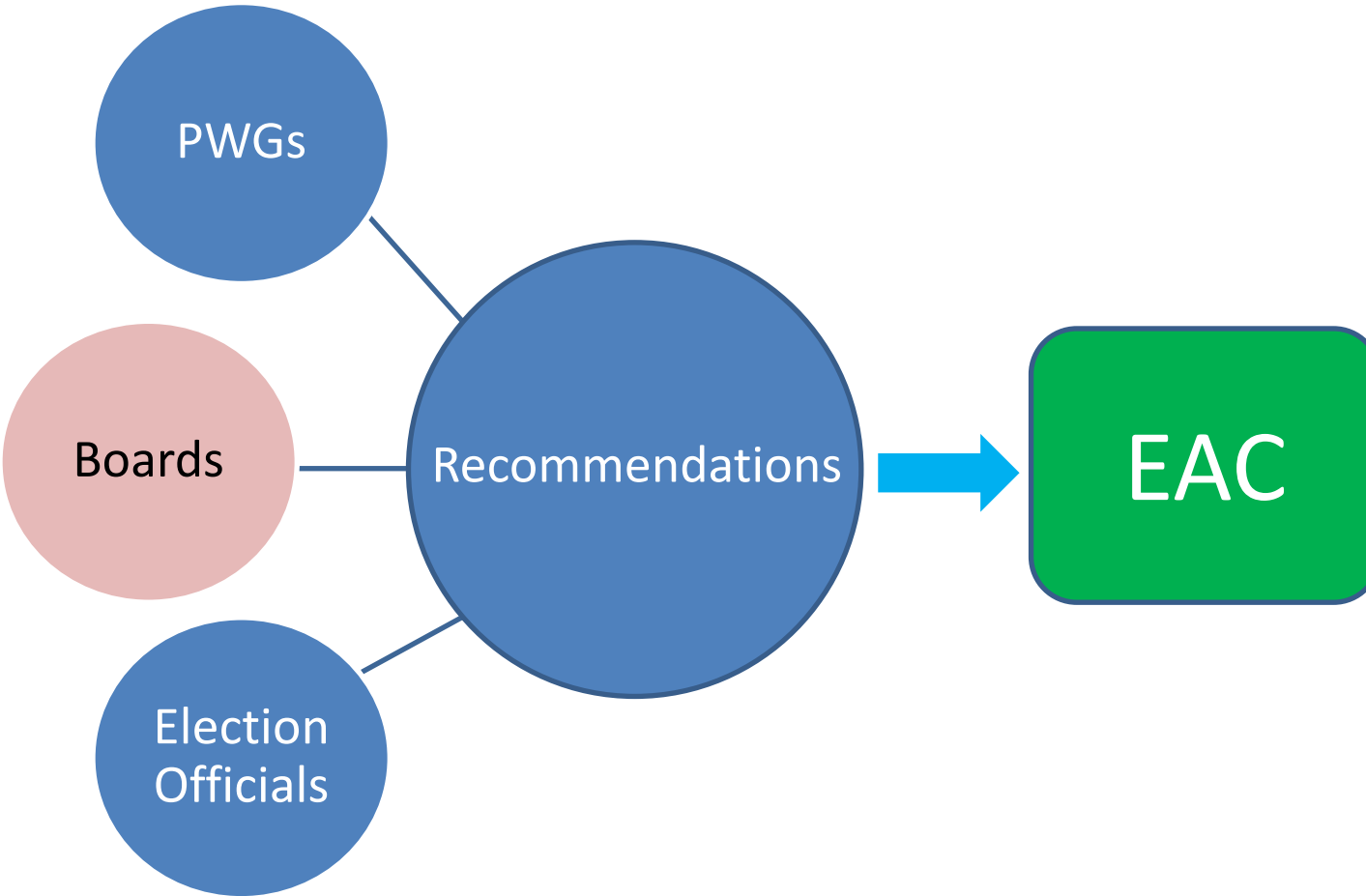
Annual Review

- Testing and Certification Program must review *VVSG 2.0 Requirements and Test Assertions* with EAC's advisory boards (TGDC, Standards Board, and BoA)
  - Review must include any Updates and/or outstanding recommendations
- Recommendations from the annual review will be handled similar to any other recommendation.
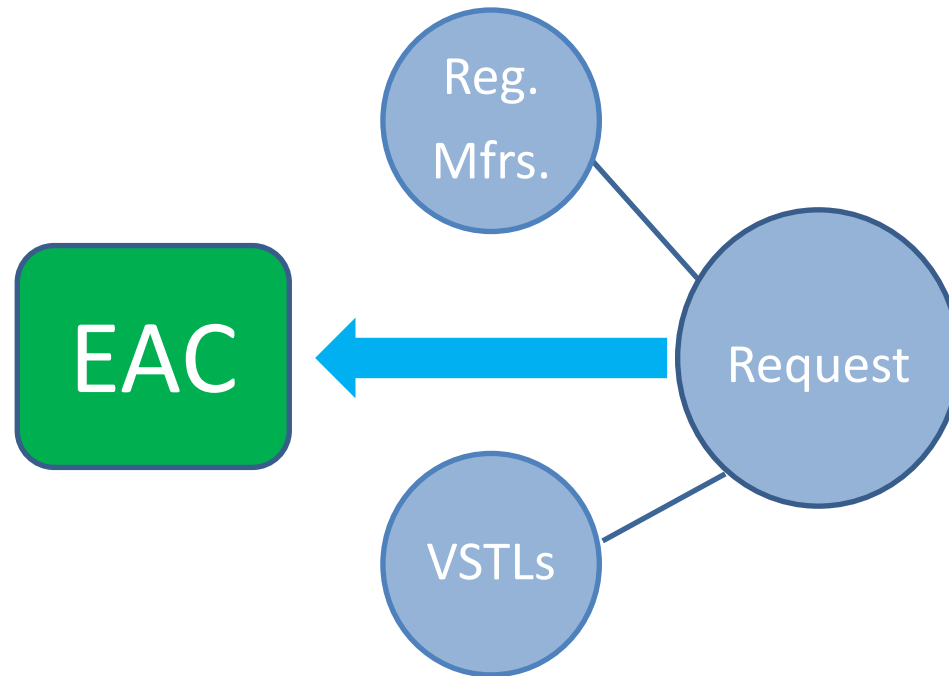
Requests

- Only a registered manufacturers or accredited VSTLs may <u>request</u> a revision or update.

- Request may only be made if, in the course of developing or testing a voting system, the meaning of a particular requirement or test assertion becomes ambiguous, unclear, and/or doesn't exist.

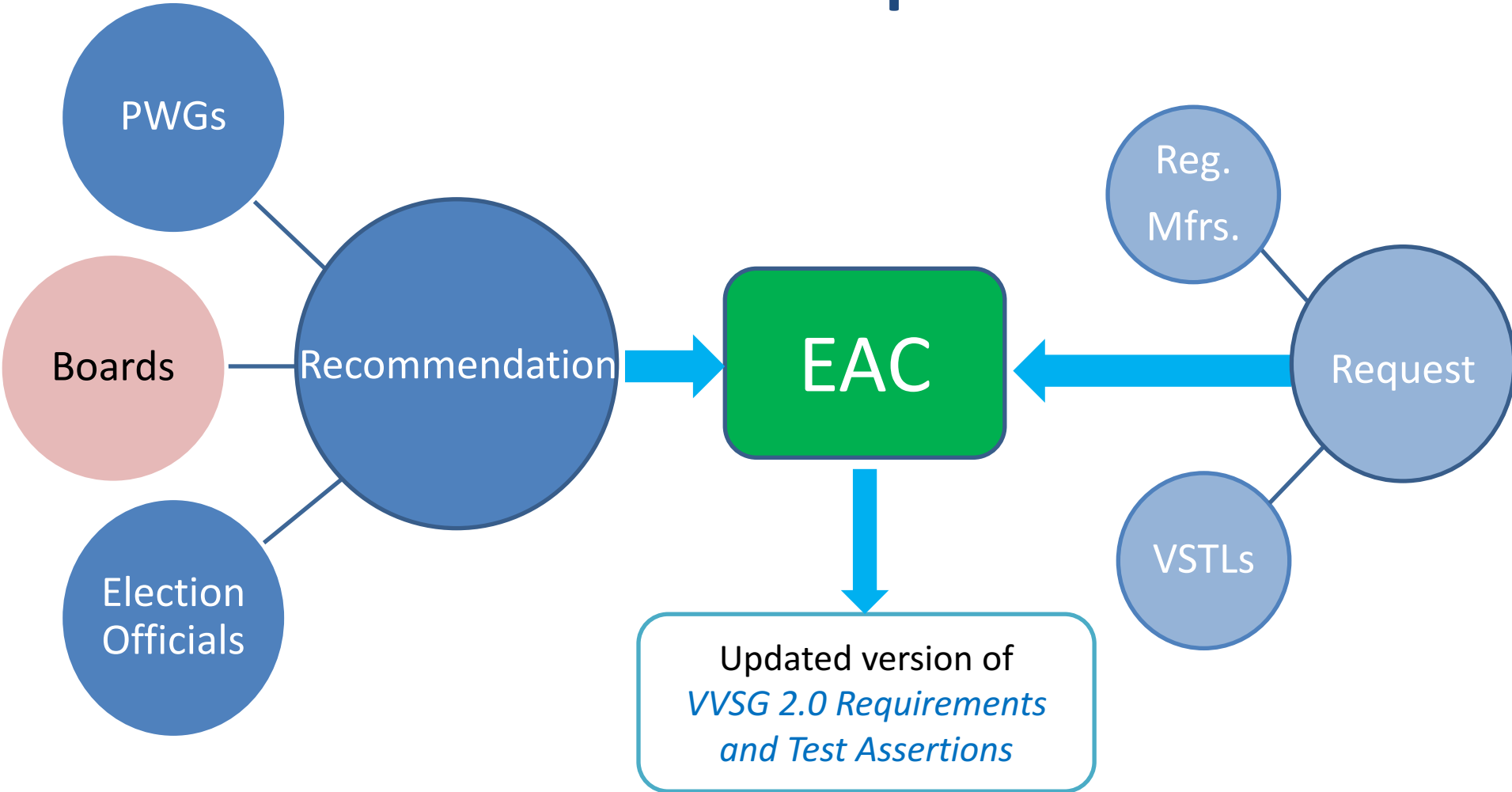> This is the same process as a request for interpretation (RFI) of the VVSG version 1.0 or 1.1.

Requests

Recommendation & Request Process

PWGs

Boards

Election Officials

Recommendation

EAC

Reg. Mfrs.

Request

VSTLs

Updated version of
*VVSG 2.0 Requirements and Test Assertions*

Updates

- Update is a substantive change to the document (i.e. a new set of requirement(s) and their respective test assertions or the deletion of a set of requirement(s) and their respective test assertions)

  - Typically made to accommodate modernization and innovation in technology and security.

- Reviewed by the EAC advisory boards, registered manufacturers, and accredited voting system laboratories.

Review Process
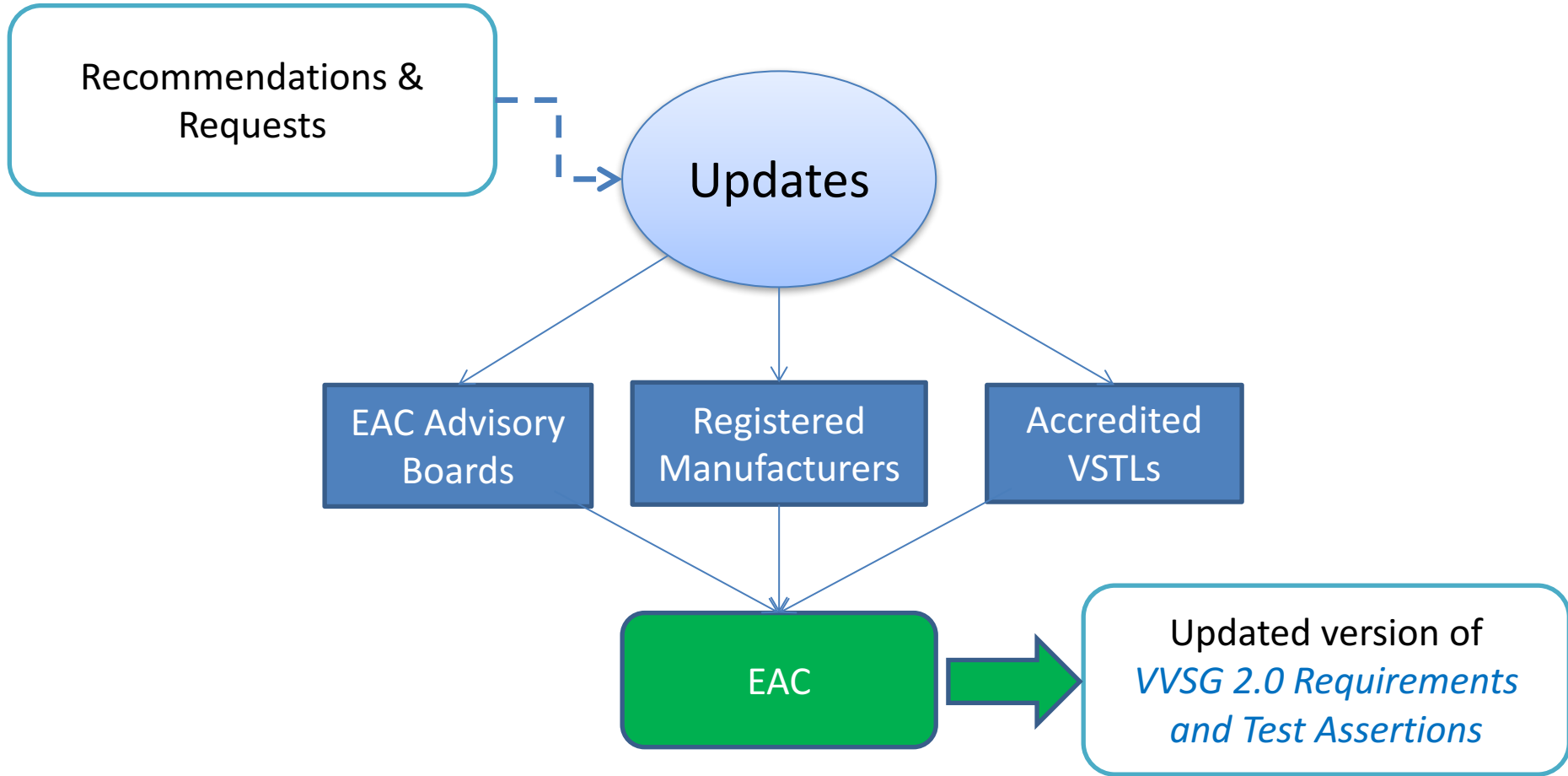
Revisions

- Revision is a non-substantive modification to an existing requirement or the addition, deletion, or modification to a test assertion

- Program Director must determine which revisions get incorporated.

Derived from the current process for a request for interpretation (RFI) of the VVSG version 1.0 or 1.1.

Questions?

Contact us

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