

Validation of Commercial Off-the-Shelf (COTS) Computer Systems

- Testability of functions.
- Unique identification of all functions, e.g., through numbers.
- Functions can have priorities, e.g. must, want or nice to have.
- Consecutive validation activities, e.g.,
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX be traceable back to users requirements.

8.3.2. The system owner distributes the draft requirement specifications document to the input team in 8.3.1 for review, collects inputs and updates the document, if necessary.

8.3.3. The system owner pre-selects suppliers and sends the requirement specifications document
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

8.3.4. The system owner evaluates the responses of the vendors and makes a proposal to the team as identified in 8.3.1 on which vendor should be selected. The decision should be based on:

- Meeting requirement specifications as defined in 8.3.2.
- XXXXXXXXXXXXXXXXXXXX.
- Costs for purchasing and implementation.

8.3.5. XXX
XX.

8.3.6. The system owner presents the results from 8.3.5 in a meeting with the input team as identified in 8.3.1.

8.3.7. XXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.

8.3.8. If the gaps are acceptable, proceed to 8.3.10, if not proceed to 8.3.9.

8.3.9. Additional software should be
XX
XXXXXXXXXXXXXXXXXXXX.

8.3.10. The system ownerXX
XX
XX
X.

8.4. Vendor Assessment

8.4.1. QA department performs a vendor assessment following the SOP in Reference 4.6. Procedures for assessment can be:

- XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.
- Using and documenting internal references and experience.
- XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.
- 3rd party XXXXXXXXXXXXXXXXXXXX.
- Direct audit.

The final decision on which procedure to follow depends on:

- XXXXXXXXXXXXXXXXXXXXXXXX.
- XXXXXXXXXXXXXXXXXXXXXXXX.
- XXXXXXXXXXXXXXXXXXXXXXXX.

8.4.2. QA

XX
XXXXXX.

8.4.3. If the vendor is not acceptable as a supplier of the software, go back to 8.3.3.

8.5. Installation and Configuration

8.5.1. The system owner requests information from the vendor on environmental conditions and space requirements. Such information should include:

- XXXXXXXXXXXXXXXX.
- XXXXXXXXXXXXXXXXXXXX.
- XXXXXXXXXXXXXXXX.
- XXXXXXXXXXXXXXXXXXXX.
- For networked systems: network infrastructure.

8.5.2. System owner makes

XX
XXXXXX.

8.5.3. Upon arrival of

XX

8.5.4. The system owner arranges installation of the system with the vendor.