G0: ACAS Xu satisfies security requirements

- C0: Description of ACAS Xu

- C1: SR are requirements about protecting the system from malicious entities

- J0: The argumentation is based on satisfaction of SRs

- A0: System SRS are complete, adequate, and consistent

- S0: Argue through asset protection and secure development requirements

- G1: ACAS Xu satisfies the asset protection requirements

- A1: Asset inventory is established

- S1: Argue through the different stages of the system development life cycle

- G3: Asset protection requirements are met during the architecture design phase

- C2: Description of the ACAS Xu architecture

- S2: Argue through deriving security threats from SRs

- G5: ACAS Xu architecture is protected against identified security threats (STs)

- A2: All relevant threats have been identified

- S3: Argue over each security threat

- G0.1: ACAS Xu architecture is protected against Tampering

- G0.2: ACAS Xu architecture is protected against Spoofing

- G0.3: ACAS Xu architecture is protected against Elevation of privileges

- G6: ACAS Xu architecture is validated (undeveloped)

- C3: Description of ACAS Xu architecture model

- A3: ACAS Xu architecture model is well defined in formal method

- G4: Asset protection requirements are met during other phases (undeveloped)

- G2: ACAS Xu satisfies secure development requirements (undeveloped)

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Here's a breakdown of key instances where placeholders were instantiated with ACAS Xu specifics:

1. G0: ACAS Xu satisfies security requirements

2. C0: Description of ACAS Xu

3. G1: ACAS Xu satisfies the asset protection requirements

4. G2: ACAS Xu satisfies secure development requirements

5. C2: Description of the ACAS Xu architecture

6. G5: ACAS Xu architecture is protected against identified security threats (STs)

7. G6: ACAS Xu architecture is validated

8. C3: Description of ACAS Xu architecture model

9. A3: ACAS Xu architecture model is well defined in formal method

10. G0.1: ACAS Xu architecture is protected against Tampering (from SR1 involving GPS sensors and processor)

11. G0.2: ACAS Xu architecture is protected against Spoofing (from SR2 involving sensors and processor)

12. G0.3: ACAS Xu architecture is protected against Elevation of privileges (from SR3 involving the planning system)

The undecorated elements that require more information and development are left as undeveloped.