

SSP Appendix — Software Component Inventory



Synthetic example — fictional client and commentary

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For filing under Appendix B: Hardware & Software Inventory — software portion only

Project / System	Northwind Avionics
As of (scan date)	2026-10-04 06:43:22
Source manifest	northwind_current.cdx.json
Scanned with	RiskSnap v0.8.0
Inventory generated by	RiskSnap v0.8.0
Component count	9
Manifest SHA-256	35f0ae8147b1bbef5eed39e56f8c40a047509c303ed3dad4ebe26a207119fad6

Scope and Limitations

This is a data export, not a completed SSP section and not a compliance determination. The contractor is responsible for incorporating this data into their SSP, maintaining it, and ensuring it reflects their actual system state. RiskSnap makes no compliance assessment.

Hardware and firmware are not included. The Hardware & Software Inventory (Appendix B) also requires hardware and firmware component documentation — including manufacturer, model, serial number, physical location, machine name, and network addresses per NIST SP 800-53 CM-8 and 800-171 Rev 3 §03.04.10. RiskSnap does not enumerate hardware or firmware. The contractor must document those components separately.

Boundary scoping is required before filing. The contractor's SSP body (typically Section 1) defines the CUI system boundary, and Appendix B is understood to contain only components within that boundary. RiskSnap scans the full software dependency tree of the input manifest — not a CUI-scoped subset. The contractor must scope this list to their defined CUI boundary. Submitting an unscoped full dependency tree as Appendix B would be inconsistent with the SSP's own boundary definition, which is an assessor-visible discrepancy.

Field sourcing. Component Name, Version, License, and Component Owner are sourced from NIST SP 800-53 CM-8 and NIST SP 800-171 Rev 3 §03.04.10 (software name, version number, software license information, software owners). CMMC assessments currently operate under 800-171 Rev 2 (§3.4.1); Rev 3 articulates the same CM-8 requirements more explicitly and is referenced for field sourcing only. **Ecosystem/Type** and **Source Manifest** are RiskSnap traceability fields that tie each row to the input manifest and its SHA-256 provenance chain — useful for audit traceability but not HSI-required NIST fields.

Asset Category (CMMC Scoping) column is intentionally blank. The CMMC Scoping Guide (Level 2) requires each in-scope asset to be assigned one of five categories: CUI Assets, Security Protection Assets, Contractor Risk Managed Assets, Specialized Assets, or Out-of-Scope Assets. This determination requires knowledge of the contractor's CUI boundary that RiskSnap does not possess. The contractor must complete this column.

Component Owner / Responsible Party column is intentionally blank. CM-8 and §03.04.10 require component owners to be documented; only the contractor can supply this. The contractor must complete this column before the inventory is assessment-ready.

Software Component Inventory

Component Name	Version	Ecosystem / Type	Source Manifest	License	Asset Category (CMMC Scoping)	Component Owner / Responsible Party
commons-text	1.9.0	Maven	northwind_current.c...	Apache-2.0		
postgresql	42.7.2	Maven	northwind_current.c...	BSD-2-Clause		

Component Name	Version	Ecosystem / Type	Source Manifest	License	Asset Category (CMMC Scoping)	Component Owner / Responsible Party
commons-lang3	3.14.0	Maven	northwind_current.c...	Apache-2.0		
log4j-api	2.17.2	Maven	northwind_current.c...	Apache-2.0		
log4j-core	2.17.2	Maven	northwind_current.c...	Apache-2.0		
guava	33.0.0-jre	Maven	northwind_current.c...	Apache-2.0		
jackson-annotations	2.16.1	Maven	northwind_current.c...	Apache-2.0		
slf4j-api	2.0.12	Maven	northwind_current.c...	MIT		
telemetry-agent		Maven	northwind_current.c...	Not determined		

Notes

The **License** column reflects license data as declared in the source manifest. "Not determined" indicates the manifest did not include license information for that component — this is not a legal determination. The contractor is responsible for verifying license accuracy and compliance. The **Asset Category (CMMC Scoping)** and **Component Owner / Responsible Party** columns are intentionally blank and require contractor completion before this inventory is assessment-ready. Generated by Meridian Assurance Partners.