

AZUAN HANAFI BIN ABDUL HAMID

Configuration & Data Management Specialist

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Professional Summary

Configuration and data management professional with 9+ years enforcing controlled, traceable engineering lifecycle data across PLM/ERP systems, now applying that discipline in a certification-driven airborne engineering environment aligned to DO-254, DO-178C, and ARP4754A. Experienced in defining configuration items, managing baselines, running change control workflows (CR/PR/ECN), and delivering audit-ready status accounting. Strong track record of tool and repository governance (JIRA, IBM DOORS, SVN/Git, Windchill, Oracle ERP), process discipline, and cross-functional collaboration with Hardware, Embedded Software, Systems, Verification, and Quality teams. Background spans regulated, standards-driven industries including aerospace, medical device, and automotive (IATF 16949, ISO 9001, IEC 60601).

Professional Experience

Turkish Aerospace Malaysia – Software Configuration Management Specialist

Cyberjaya, Malaysia | Apr 2026 – Present

- Define and maintain configuration items across engineering lifecycle data (requirements, design, implementation, verification, and release) for airborne electronic hardware and embedded software programs.
- Establish and manage requirements, design, and release baselines, ensuring changes are controlled and traceable throughout the development lifecycle.
- Lead Software Change Control Board (SCCB) meetings to assess impact, approve change requests, and prevent unauthorized changes to configuration items across engineering lifecycle data.
- Operate and improve change control workflows (CR/PR/ECN), including impact assessment, approvals, and maintenance of full approval trails.
- Maintain release records and support reproducible builds/releases, including versioning of tools, inputs, and outputs.
- Provide configuration status accounting; reporting on what changed, what is approved, and what is released, also keep data audit-ready for internal and external compliance activities aligned to DO-254, DO-178C, and ARP4754A.
- Support disciplined use of development tools and repositories, including JIRA (issue/change tracking), IBM DOORS (requirements), LDRA (verification evidence support), and SVN/Git (version control and release tagging).
- Built a JIRA Change Request Dashboard from scratch to give real-time visibility into CR status, approvals, and ownership, reducing manual reporting and status-tracking effort across the CM and engineering teams.
- Improve templates and working practices for configuration identification, naming conventions, approvals, and traceability; work closely with Hardware, Embedded Software, Systems, Verification, and Quality teams to enforce consistent controls.

Cochlear Malaysia Sdn Bhd – PLM Configuration Controller

Kuala Lumpur, Malaysia | Oct 2023 – Mar 2026

- Hold global responsibility for setting, maintaining, and enforcing configuration item identification and change management standards across the business, ensuring engineering and product data remain controlled and traceable.
- Lead Change Review Board (CRB) meetings to assess impact, approve change requests, and prevent unauthorized changes to product and design data - equivalent to CR/ECR/ECN change control workflows.
- Define and fulfil roles across the change control process (reviewing, screening, and assignment) and author implementation plans captured in formal change notices, maintaining full approval trails.
- Establish and maintain baselines within the Windchill PLM system; regulate the change process so only approved, validated changes are incorporated into product and related documentation.
- Own configuration status accounting: generate and distribute reports and KPI-based metrics on open workflows, data quality, and system status for visibility to stakeholders and management.
- Conduct regular configuration audits to identify duplicates, incomplete records, missing documents, or approvals, keeping data audit-ready for internal and external compliance reviews.
- Govern tool and repository discipline across Windchill PLM, Oracle ERP, and Cherwell CSM, ensuring product releases and implementations follow approved procedures end-to-end.
- Develop and deliver training materials and guidelines for Windchill users and the Configuration Management Team; provide on-the-job coaching and progress monitoring.
- Partner with the Configuration Management Manager and cross-functional teams (Engineering, Quality, R&D) to apply project-specific configuration management requirements.

Armstrong Auto Parts Sdn Bhd – Document Controller Executive

Negeri Sembilan, Malaysia | Sep 2022 – Sep 2023

- Managed full lifecycle traceability for 1,000+ controlled engineering and quality documents in alignment with IATF 16949 compliance requirements.
- Led document audits that contributed to zero non-conformances across 2023 internal and customer audits, ensuring records remained audit-ready at all times.
- Initiated controlled-document process improvements that delivered RM30,000 in cost savings for FY2023.
- Facilitated Quality Control Circle (QCC) competitions to promote lean documentation practices and process discipline across departments.

PHN Industry Sdn Bhd – Document Controller

Melaka, Malaysia | Jan 2017 – Aug 2022

- Designed documentation and configuration protocols for 5+ new model launches, improving project delivery timelines by 20%.
- Compiled and analyzed production data to support management decisions and cycle-time tracking for new model development.
- Streamlined document filing and retrieval processes, reducing information retrieval time by 40% through structured, controlled record-keeping.
- Contributed to internal Lean Six Sigma initiatives, earning 2nd runner-up awards (2018, 2019) for process improvement (ICC) contributions.

Education

Diploma in Automotive Management Systems – DRB-HICOM University of Automotive Malaysia

CGPA: 3.95 / 4.00

Languages: Malay, English | Notice Period: One (1) month

Configuration & Data Management Skills

- Configuration Management: Baseline management, change control (CR/PR/ECN, CRB/SCCB workflows), configuration status accounting, audit support and compliance evidence readiness, configuration item identification, release management
- Engineering CM & Requirements Tools: JIRA, IBM DOORS, LDRA, SVN, Git
- PLM/ERP & Service Management: Windchill PLM, Oracle ERP, SAP, Cherwell CSM
- Collaboration & Documentation: Confluence, Microsoft 365, Teams, SharePoint
- Reporting & Analysis: Microsoft Power BI, Google Looker Studio, Excel (Advanced, incl. VBA)
- Standards & Regulated Environments: DO-254, DO-178C, ARP4754A, IATF 16949, ISO 9001, IEC 60601

Certifications & Training

- Windchill PLM Super User – Cochlear Academy
- Fundamental Skills for Data Work: Data Analysis and Interpretation – LinkedIn Learning
- SQL Essential Training – LinkedIn Learning
- Advanced Excel: VBA – LinkedIn Learning

Professional Development Highlights

- Nominated for HEAR “Aspire to Win” and “Remove Boundaries” awards for leading a rapid product introduction initiative.
- Organized CMY R&D Team Building 2024 at Marina Putrajaya, achieving 100% positive participant feedback and recognition from Cochlear HQ top management.
- Recognized for cross-departmental collaboration and initiative in PLM-based business process improvements.