

AS9100 Certification

The Invisible Backbone for Aerospace & Defense Manufacturing

How ERP Makes It Achievable.

AS9100 is a globally recognized quality management standard for the aerospace and defense industry. It helps ensure safe, reliable products, reduces risk and builds trust across the entire supply chain.

COMPLIANCE TODAY.
A SAFER TOMORROW.

Why AS9100 Matters in Aerospace & Defense



Absolute Safety and Defect Prevention

Reduces risk and helps ensure zero-defect manufacturing.



Market Access

Often required to do business with major aerospace and defense OEMs.



Risk Mitigation

Identifies and controls potential risks across the product lifecycle.



Operational Excellence and Efficiency

Drives disciplined processes and continuous improvement.



Supply Chain Integrity

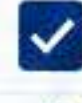
Ensures suppliers meet stringent quality and compliance requirements.



QUALITY
PEOPLE
RELIABLE PRODUCTS
A STRONGER
TOMORROW.

Key AS9100 Requirements and How ERP Makes Them Achievable

An ERP system provides the tools, structure and real-time visibility to meet AS9100 requirements effectively.

AS9100 Requirement		What It Involves	How ERP Helps	
1		Risk Management	Identify, assess and control risks across the organization.	» Centralized risk tracking, real-time visibility and automated workflows.
2		Configuration Management	Control design changes and maintain product configuration.	» Engineering change management (ECM) with version control and full traceability.
3		Documented Information	Control documents, records and ensure traceability.	» Centralized document control with access control and audit trails.
4		Product Realization	Plan, build and verify products to meet customer and regulatory needs.	» Integrated processes for planning, production, quality and inspection.
5		Supplier Management	Ensure suppliers meet quality and performance requirements.	» Supplier qualification, performance tracking and audit management.
6		Monitoring, Measurement and Analysis	Monitor processes, measure performance and analyze data for improvement.	» Real-time dashboards, quality metrics and built-in reporting.
7		Nonconformity and Corrective Action (NCR/CAPA)	Manage nonconformities and drive corrective actions.	» NCR and CAPA tracking with workflow automation and root-cause analysis.
8		Training and Competence	Ensure personnel are qualified and properly trained.	» Employee training management, certifications and skill tracking.

ERP: The Digital Nervous System of an AS9100-Certified Organization

A centralized system connects people, processes and data — enabling compliance, quality and operational excellence.



The Bottom Line



AS9100 certification may not be visible to end customers, but it is one of the most important foundations for long-term success in aerospace and defense manufacturing.



With the right ERP, AS9100 becomes achievable — turning compliance into a competitive advantage.

Precision
Drives
Progress.

OmegaCube ERP

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