

Smart Manufacturing: Accelerating Product Launches Through Compliance Readiness

AMBITION

A **global leader in industrial manufacturing** faced a critical delay in launching a new wireless product. While engineering was complete, unclear ownership of compliance activities and fragmented security documentation stalled audit readiness — putting European market entry at risk.

Technical artifacts were distributed across siloed teams, making it difficult to demonstrate adherence to strict regulatory standards. The ambition was clear: **establish a centralized, repeatable compliance framework that could unblock the launch and support future products.**

To achieve this, the organization needed to:

- **Close documentation gaps:** Address missing and inconsistent security artifacts delaying audit approval.
- **Centralize compliance intelligence:** Consolidate technical documentation into a single, trusted framework.
- **Achieve regulatory certification:** Meet EN 18031 Radio Equipment Directive (RED) requirements for European distribution.

ACTION

The manufacturer partnered with **Wipro Engineering – Connected Services**, recognizing that solving this challenge required more than writing documents — it required a structured, unified compliance approach across global engineering and regulatory teams.

Wipro led a comprehensive compliance initiative across three focused areas:

- **Structured Discovery:** Conducted intensive workshops with internal SMEs to review system architecture and map exact compliance requirements.
- **Artifact Standardization:** Consolidated security artifacts across multiple teams, standardizing documentation to align with EN 18031 RED mandates.
- **Rigorous Gap Analysis:** Identified and created missing technical documentation, performed a gap analysis against the compliance checklist, and delivered a clear mitigation roadmap to support ongoing governance.

AMBITIONS REALIZED

By establishing a clear, standardized approach to security documentation, Wipro unblocked the client's development pipeline — turning a fragmented regulatory effort into a streamlined, repeatable compliance process that enabled European market entry.

The Business impact:

- **Accelerated audit readiness**, enabling successful preparation for EN 18031 RED certification.
- **Reduced risk to European launch**, by identifying and resolving compliance gaps early in the review cycle.
- **Unified global alignment**, with a centralized repository ensuring consistent practices across engineering and regulatory teams.

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