



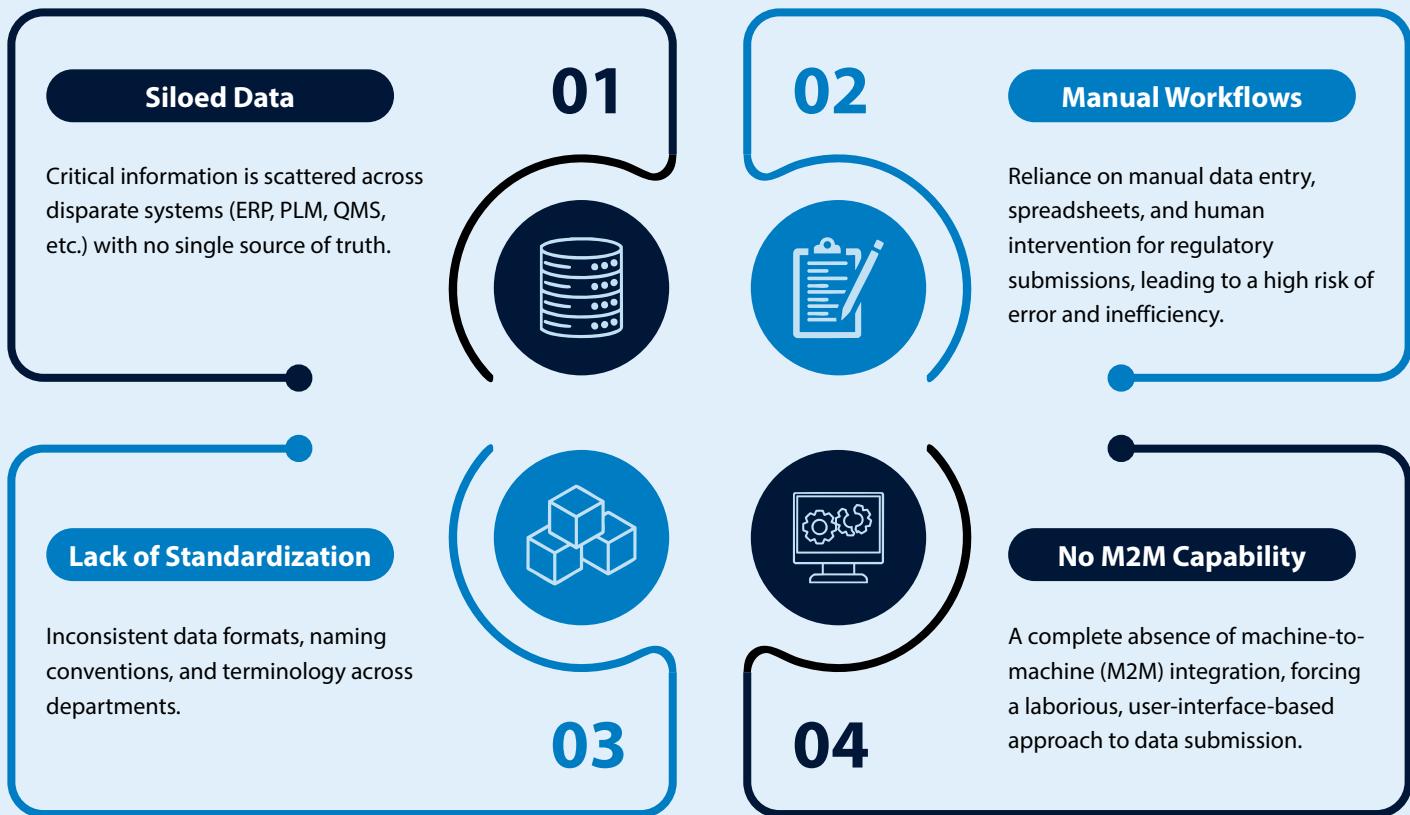
THE EUDAMED IMPERATIVE: TRANSFORMING LEGACY TO MODERN WITH A DATA-FIRST APPROACH

Abstract

EUDAMED represents a seismic shift for the medical device industry, transforming regulatory compliance from a fragmented, document-centric task into a unified, data-driven mandate. For most companies, achieving full EUDAMED integration isn't just about submitting data; it's about fundamentally overhauling decades of legacy processes and systems. The real challenge lies in this transformation, moving from disparate data silos and manual workflows to a centralized, automated, and governed data ecosystem. A reactive, "**compliance-only**" approach will lead to immense administrative burden, but a proactive, "**data-first**" **strategy** will turn EUDAMED into a powerful enabler of operational efficiency, enhance patient safety, and strategic advantage.

The Core Challenge: The Legacy to EUDAMED Gap

Legacy systems in the MedTech space are often characterized by:



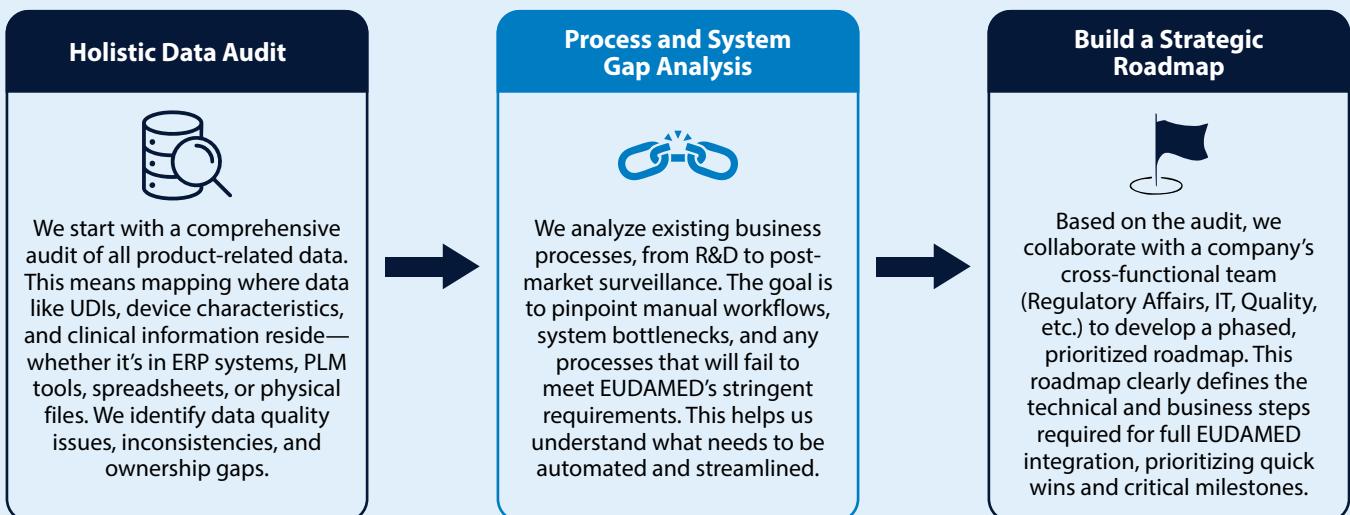
EUDAMED, by contrast, demands a unified, structured, and consistent data model with the ability for automated, high-volume data exchange. The gap between these two realities is the central challenge that must be addressed.

Navigating the EUDAMED Journey: A Transformation framework

This transformation journey should be a phased, strategic approach that focuses on building a resilient and scalable data foundation. We recommend the following three-stage process: **Assess, Transform, and Enable**.

1. Assess: Establishing a Baseline for Transformation

Before any code is written or system is integrated, the first step is to gain a complete understanding of the current state. This phase is critical for identifying gaps and building a clear roadmap.



2. Transform: Rebuilding the Foundation for a Data-Driven Future

This is the core of the journey, where we tackle legacy systems and processes head-on. The focus here is on building a robust, centralized data and integration layer.



Master Data Management (MDM) Implementation

The cornerstone of our recommendation is the implementation of a **Master Data Management (MDM)** solution. An MDM system serves as the single source of truth for all product and actor data, ensuring consistency and accuracy across the organization. This eliminates the need for manual reconciliation and provides clean, standardized data for EUDAMED submission.



Integration with Core Systems

We build a robust integration layer to connect the MDM hub with your existing core systems (ERP, PLM, Quality Management System). This ensures that data flows automatically and seamlessly across the organization, rather than being manually entered and managed in silos.



Automate Submissions with a Dedicated Platform

We recommend leveraging a specialized EUDAMED integration platform that connects directly to the EUDAMED API. This platform automates the creation of XML submissions, handles validation checks, and manages the entire submission lifecycle. This approach dramatically reduces manual effort and minimizes the risk of non-compliance.

3. Enable: Ensuring Long-Term Success and Value Creation

The transformation doesn't end with a successful submission. This final phase ensures the company can sustain its new capabilities and leverage its transformed data foundation.



Establish a Data Governance Framework

We help the company create a formal data governance framework. This defines the roles, responsibilities, and processes for maintaining data quality and integrity on an ongoing basis. This is crucial for sustaining a clean data foundation beyond the initial project.



Cross-Functional Training and Change Management

We provide comprehensive training to key teams on the new systems and processes. This includes not only the technical skills to use the new platforms but also a change management strategy to foster a "data-first" culture across the organization.



Unlock New Insights with Data

With a clean and centralized data set, we enable the company to move beyond simple compliance. We help them implement business intelligence tools to analyze their EUDAMED data for strategic insights, such as identifying post-market surveillance trends, optimizing their supply chain, and improving risk management.

By following this three-stage journey—Assess, Transform, and Enable—a company can successfully convert its legacy systems for EUDAMED integration. This approach not only guarantees compliance but also lays the groundwork for a more agile, data-driven, and competitive future.

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Garima brings 8 years of cross-functional experience in healthcare, pharmaceutical consulting, and digital transformation. She has successfully led projects to optimize workflows, implement technology-driven solutions, and enable better decision making through advanced analytics. With experience spanning business analysis, project management and strategy, she is passionate about applying structured yet practical approaches to solve complex regulatory and operational challenges.



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Sapna is a seasoned life sciences consultant with over nine years of experience in R&D, Project and Quality Management, Data Analysis, and Computer System Validation (CSV). She has successfully led projects in safety and quality, driving continuous process improvements to enhance client performance. Passionate about innovation, she is eager to explore AI technologies and their responsible application in the life sciences industry.



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Eshan is a seasoned pharmaceutical and healthcare consultant with seven years of progressive experience across research, operations, supply chain, and commercial strategy. He has successfully led multiple clinical and commercial process improvement and corporate strategy initiatives, helping global life sciences clients optimize performance and drive efficiency across the value chain. With a strong foundation in pharma strategy consulting and a passion for innovation, Eshan is keenly focused on leveraging data-driven insights and emerging technologies to solve complex business/industry challenges.



Sneham Sen

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Sneham is a seasoned Business Analyst with over 6 years of experience in the commercial life sciences domain, specializing in sales, analytics, customer engagement, and data-driven reporting. He has successfully led initiatives in data consolidation, reporting automation, and business process optimization using tools like Power BI. Leveraging his cross-functional expertise, Sneham is passionate about bridging the gap between business needs and data-driven solutions.

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