



KINSMEN
GROUP

DIGITAL ASSET TRANSFORMATION MODEL

DATM

YOUR BLUEPRINT TO THE FACILITY OF THE FUTURE

Capitalize on Industry 4.0 tools and transform
process manufacturing operations

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REALIZING THE FACILITY OF THE FUTURE

In the age of Industry 4.0, today's process manufacturing leaders are relying on AI, simulation, machine learning, and other tools to achieve higher efficiency, innovation, and revenue growth. Operational efficiency is the key to smooth and strategic growth – something possible for digitally sophisticated organizations that can expertly collaborate, innovate, and manage their asset lifecycles.

TRAPPED IN INFORMATION CHAOS

The problem? Many process manufacturers deal with information chaos. Mismanaged engineering, operations, and maintenance data can have disastrous consequences, especially in pharmaceuticals, energy, and utility organizations. While most organizations focus primarily on safety for cost cutting, **the impact of poor data quality can pose substantial financial losses, often ranging from 10% to 25% of annual revenue.**

These process manufacturers must meet evolving compliance regulations, balance engineering complexity, collaborate effectively across plants and teams, and share essential data trapped in siloed systems and paper storage rooms. When it comes to emerging technologies, they're unsure which ones they need or how to create one cohesive technology ecosystem. In addition, managing the ensuing adoption and tech support needs often requires new skills their team lacks.

HARNESSING THE POWER OF INDUSTRY 4.0

Through Kinsmen Group's Digital Asset Transformation Model (DATM), process manufacturers receive the right guidance, technological expertise, and dedicated support. By capitalizing on Industry 4.0 advances, providing intelligent integration across multiple systems, these organizations transform their operations and become more innovative and profitable.

DATM engagements drive increased revenue, uptime, and efficiency as you:



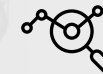
Unlock smarter asset lifecycles

- Keep assets available and reliable
- Reduce scheduled and emergency maintenance
- Synchronize asset data across teams, plants, and facilities
- Improve revenue-producing asset uptime



Turn information into your greatest advantage

- Unify data across all systems, from all sources
- Give every worker fast access to accurate data
- Reduce time searching for critical information
- Onboard and train new workers faster



Translate data into insights

- Extract and make use of your most valuable data
- Make smarter decisions faster
- Unlock full visibility across all plants and facilities
- Fuel new strategies and cost savings



Unlock easier compliance and smoother audits

- Standardize consistent, clear processes
- Improve worker safety and discipline
- Expand tracking and visibility
- Improve accuracy in monitoring and auditability
- Create audit trails that confirm safety, maintenance, and documentation fidelity

SUPPORTING YOU AT EVERY STAGE OF YOUR DIGITAL EVOLUTION

Through a blend of consultancy, process improvements, service delivery, and technology implementation, Kinsmen Group's DATM engagements guide digital transformation across people, process, and technology.

From our initial assessment of your operations, data, and systems to a roadmap that weaves new technology and processes into your operational practices, we ensure optimal results without disruption.



STRATEGY

Assess business processes, organizational structure, systems, and technology infrastructure, to formulate a targeted action plan that effectively tackles information chaos, resulting in newfound insights and increased ROI derived from your data.

SOLUTION

Deploy innovative solutions to streamline data accessibility throughout the asset lifecycle, ensuring the right information is available to operate assets safely and reliably. Create a digital ecosystem, based on Industry 4.0, that transforms your data into your greatest asset.

SUCCESS

Elevate your digital readiness by ensuring adoption through comprehensive training, onboarding, system support, and effective change management services. Stand by your side from the outset of your digital journey, guiding you toward success.

EMPOWERING UTILITY MODERNIZATION

In 2017, a Southwestern regulated utility with an innovative vision for the future committed to maintaining excellent service for its customers in a rapidly evolving industry. The Utility's leaders looked for ways to ensure consistent power generation, distribution, and transmission through more efficient operations. They knew they needed to solve the challenge of siloed data, modernize their grid, and successfully diversify their generation infrastructure. They also wanted to adapt to a new generation of workers who changed jobs every few years, which meant their workforce needed accurate, unified data sources that could help them quickly get up to speed. Finally, they were committed to a big decarbonization initiative: Zero Emissions by 2040.

"Our focus was ensuring our team could operate, maintain and transform the assets of the future," said the team lead. **"And Kinsmen Group's track record of successfully helping asset-intensive leaders told us they had the expertise we were looking for."**

Kinsmen Group's strategic DATM engagement created a framework to improve asset data integrity, consolidate and integrate multiple systems, and integrate new tools. They devised a strategic plan to assist in the efficient decommissioning of a large, aging coal facility, aligning with the facility's objective of achieving Zero Emissions by 2040.

THE RESULTS

The DATM roadmap kicked off with a big win: transitioning from siloed data to a unified user experience, from work orders to certificates and licenses. Data integrity improved; the utility is now in the process of diversifying its generation assets and upgrading its network infrastructure. They are well-positioned to capture essential data as part of this modernization effort.

Over the last few years, Kinsmen Group has partnered with the utility to future-ready their assets. Today, personnel always have access to the right asset data, helping them maintain assets more efficiently; operating technicians are more productive on a day-to-day basis as they feel confident and comfortable in the evolving technology landscape.

One project was able to shorten a grueling project schedule by 25%.

The two teams continue to work together, moving steadily toward a successful finish line for the Zero Emissions by 2040 initiative, and empowering the organization to continue to offer exceptional customer service.



LEADERS IN DIGITAL TRANSFORMATION

Many of the world's leading process manufacturers trust Kinsmen Group to guide them into Industry 4.0 excellence. Our award-winning engineering, operations, and information veterans bring cutting-edge technology expertise and a deep, nuanced understanding of smart process manufacturing to lead asset-intensive organizations into success. By reaching their full digital transformation potential, these leaders transcend challenges and build the facility of the future to achieve grounding performance in the Industry 4.0 landscape.

GETTING STARTED

The path to digital transformation may seem overwhelming, but we are here to help. Schedule a Kinsmen Group DATM consultative session to discuss your vision and challenges and explore how our assessment process could be the start to accelerating your digital evolution.

To learn more about **DATM**, visit
<https://kinsmengroup.com/services/datm/>

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