



KDI Kognitwin and Acuvate

Your Trusted End-to-End System Integration Partner
for Winning Data, AI & Digital Twin Solutions

18+

Years in the
industry

400+

Multi-skilled
experts

300+

Digital solutions
delivered

100+

Analytics
implementations

50+

Generative AI
solutions delivered

500+

Fortune Companies
trusted partner

Acuvate is a global player in next-generation digital solutions & services that modernize, automate, and transform processes. With over 18+ years of experience, we have been enabling our clients globally to steer their digital transformation strategy using Cloud, Data & AI.

We build & develop smart & sustainable solutions to help our customers transform their conventional processes to match the next-generation technological trend. We have a strong presence in Europe, North America, and Middle East, where we serve multiple ultra-large customers as well as Small and Medium businesses from various sectors such as Energy, Oil & Gas, CPG, Manufacturing, Retail, BFSI, Public Sector, Healthcare, etc.

Strategic Partnership:



Scan to
Know More

In today's data-driven landscape, Acuvate and Kongsberg have joined forces to deliver unparalleled solutions that enable organizations to harness the full potential of their data. By combining Acuvate's comprehensive System Integration, data services with Kongsberg's advanced Kognitwin Digital Twin technology, we provide end-to-end capabilities tailored for industries like energy, manufacturing, and beyond.

Our Shared Vision

Our partnership is dedicated to modernizing, optimizing, and transforming businesses through innovative digital solutions. By seamlessly integrating Kongsberg's Kognitwin Digital Twin platform with Acuvate's robust data ecosystem, we empower organizations to achieve real-time execution of business workflows, driving efficiency and agility.

COMPREHENSIVE SERVICE OFFERINGS

End-to-End Data Services

- Collect data from a wide array of devices (sensors, cameras, apps) for processing.
- Supporting Edge solutions for (near) realtime decision making.
- Leverage edge computing for time-critical applications and high-volume data processing.
- Derive actionable insights using advanced AI techniques (ML, MV, Gen-AI) from structured and unstructured data.
- Integrating partner solutions for end-to-end connectivity; Edge solutions; Satellite connectivity; etc.



Kognitwin Digital Twin Integration

- Acuvate delivers end to end integration with Kognitwin with Project Management and Lead Technical staff in your region backed up by technical implementation staff from our Technology Center.
- Kongsberg's Kognitwin technology enables enhanced product development, innovation, and maintenance.
- Effortless integration with ACUPRISM - Acuvate's scalable Enterprise Industrial Data Platform for improved operational efficiency.



Scalable Enterprise Industrial Data Platform

- Designed to handle the exponential growth of data across industries.
- Supports essential file types, including time-series data, with direct integration as part of DataOps.
- Fully embedded with AI capabilities including AI – Machine Learning, AI-Machine Vision & Gen-AI for data-driven decision-making.



Generative AI Solutions

- Acuvate's Org Brain (Gen-AI) framework accelerates the deployment of centralized Generative AI platforms.
- Supports a wide range of data types and multi-lingual capabilities, ensuring accessibility across diverse user groups.



End to End connectivity for KDI Kognitwin, AcuPrism and highly used Data Sources

AcuPrism is our Enterprise Data Platform, available in two versions: one built on Databricks and another on MS Fabric. Such a Data Platform needs good and easy connections with various data sources. Hence, we give a summary of the connections in place today (which are constantly evolving).

Current Summary:

1. ERP (SAP): Here we support multiple scenarios such as:

- a. Work Order Management
- b. Work Permit Management
- c. Plant Management
- d. Asset Management
- e. Asset Maintenance

In all cases, these are read, write, or update-type interfaces. These interfaces are API-based and rely on an end-to-end OpenID Connect (OIDC) security model. While we have developed SAP-based versions, the same functionalities can be implemented for IBM Maximo, Oracle ERP, Microsoft Dynamics, and others.

2. Aveva (OSIsoft) PI: We support high-speed streaming from PI time series data (from OT and IT) from a large number of tags (enterprise-wide) to AcuPrism, where they can be stored in an efficient way such that AcuPrism supports billions of records stored since often time series data will be kept for many years (20 years or more). Therefore, scalability is important, and having this OT, data fully integrated with all other data sources. Once in AcuPrism, the time series data can, for example, be used for Predictive Maintenance of rotating equipment.
3. Assai (Document Management System): We provide direct access to all engineering and other documents/drawings. This can be contextualized/aligned with other data sources, so for the user interface (such as Digital Twin), we get an integrated picture.
4. Camera Images: With the growing adoption of 5G, camera images can now be streamed in real-time to AI-MV on AcuNow (Edge) or AcuPrism. Machine Vision can then be applied for multiple use cases, such as:
- HSSE scenarios
 - Leakage and Spillage detection
 - Emissions , etc
5. My Documents: This feature allows the storage of configuration data for Digital Twins within AcuPrism, enhancing accessibility and integration.
6. P&ID (Piping & Instrumentation Diagram): We digitize these diagrams and store results in a Graph database. Then Gen-AI can be used to ask for any information and align the data in the Graph database with other data such as Time series data, Asset Management data, etc.
7. Advisory SetPoints: Being able to get settings from the User Interface (based on AI) back to the OT-based device whereby this Setpoint first goes to Operations for them to make the final call.

BENEFITS OF OUR PARTNERSHIP

Comprehensive Support

From initial consultation to ongoing (SLA based) operational support, we ensure a smooth implementation process.

Cost Efficiency

Leveraging innovative technologies to minimize development and maintenance costs, while staying current with the latest advancements.

Continuous Improvement

Iterative enhancements based on user feedback, maintaining relevance and operational efficiency.

Data Security & Compliance

Robust governance frameworks to protect data integrity and ensure compliance with industry standards.

Advanced Filters

Customizable filters allow users to refine their search criteria, ensuring precise results.



Unlock Your Data's Potential: Acuvate and Kongsberg are committed to empowering your organization with cutting-edge technologies. Together, we provide the tools and expertise needed to transform your operations and drive strategic goals with confidence.

Get Started with Us: To learn more about how Acuvate and Kongsberg can help your business, please reach out to advisors@acuvate.com

About Us: How We Make a Difference

“At Acuvate, we prioritize customer-centric innovation, driving us to proactively invest in the state-of-art technology to address real-world business challenges”

Develops comprehensive digital twins that mirror physical systems, allowing for real-time monitoring, simulation, and analysis. This integration ensures consistent operational performance and strategic decision-making based on accurate data insights

Strategic Partnership:



Schedule a call with our advisers:



Consulting, Migration & Modernization



AI & Automation
Advanced AI and automation suite to revolutionize businesses, prioritizing efficiency and innovation



Data & Analytics
Transformative enterprise suite offers advanced services, optimizing data for informed decision-making



Modern Workplace
Redefine work environments with diverse services and tools, implementing innovative models aligned to business goals

Solution Readiness

- 75 ready to deploy solutions
- 100+ UI formats to choose from
- 100+ reusable components to expedite delivery

Optimized Engagement Models

- Onsite Offshore model
- Offshore based support
- Share Services Options

Experienced in Large Enterprise Projects

- Delivered critical projects for customers like Shell, Suntory, New York City Departments, Kimberley Clarke, Niagara Bottling and many more

Integration Experts

- Microsoft Gold Certified Partners
- Member of Microsoft Partner Advisory Council
- Expertise in Coupa, Salesforce, Ariba, ServiceNow, Teams, Workday, Office 365 etc...