I3 Systems Enables Partners and Integrators

Research tells us that customers increasingly view information as a crucial resource necessary for competitive advantage. Companies are shifting from treating data as a consumable resource for specific applications to managing their data infrastructure strategically for the entire organization. However, these organizational efforts are often thwarted by a lack of suitable data management tools. Traditional tools which assumed relatively static API requirements don't align with today's dynamic environment.

i3 System's offers a solution that supports the constantly changing needs of the real world. It modularizes data flows by separating and managing technical and operational needs. This enhances scalability while reducing operational costs – a critical requirement as data infrastructures evolve. As an i3 Systems partner, you'll be ready to support organizations by providing the necessary management tools they need to thrive in a fast-paced data-driven world.

At its core, the i3 API and data flow management software improves application and analytic efficiency. It allows solution providers to transition from prototype to production, focusing on operational requirements and reducing the effort needed to customize integration and privacy support modules. This approach is invaluable for integrators or IT teams consolidating disparate systems.

With the i3 Systems, integrators can concentrate on quickly creating, managing, and transforming APIs and data flows, while data users oversee data flow connectivity. This streamlined approach accelerates progress, especially in complex environments requiring coordinated data exchanges.

The exchanged information fosters collaboration and increases operational coordination across divisional boundaries, while maintaining security and data privacy. i3 Systems facilitates the creation of data communities between internal and external parties, united by their need for information.
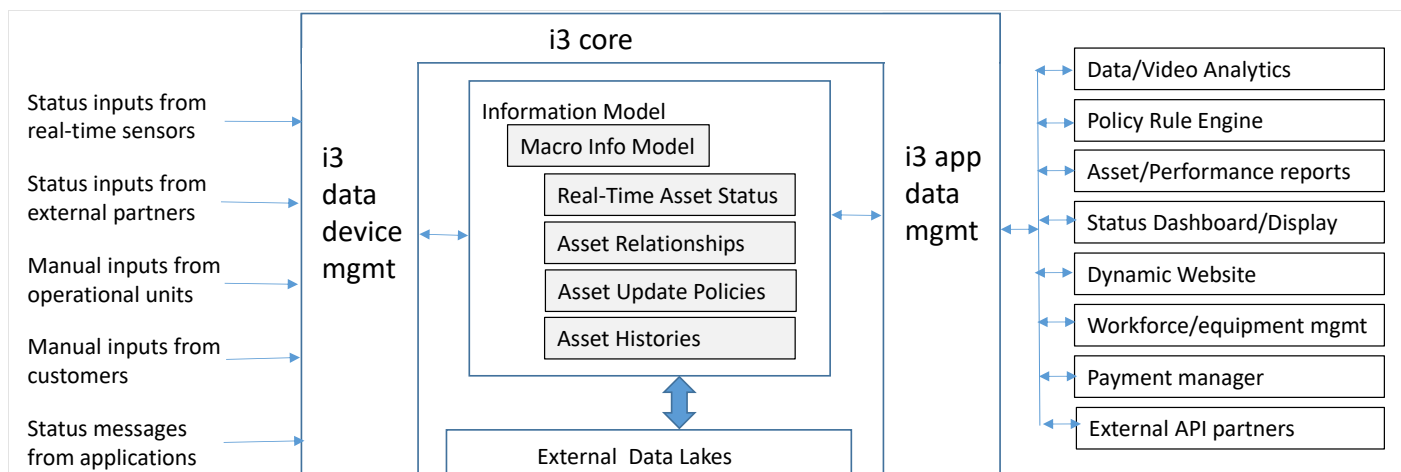

Illustration of i3 systems being used to support a multi-application digital-twin

DevOps for Data Management and Operations

i3 technology is designed to seamlessly and securely integrate a wide array of disparate data sources through a unified platform. These sources include IoT sensors, video feeds, database storage systems, digital twins, and AI-enhanced data engines. Tailored to enhance federated data environments, i3 technology ensures data owners maintain independence, control, ownership, and autonomy over their data. This focus has made i3 Systems a versatile tool capable of supporting industries where data plays a pivotal role.

Leveraging i3 Systems for evolving data infrastructure

- Gives data owners maintain control over data access for enhanced manageability.
- Simplify the assignment of data rights for new and existing users.
- Custom APIs enabling tailored data access to meet individual and evolving API requirements
- Streamline the creation of custom APIs
- Integrate the addition of new data streams for new applications and intelligent devices.
- Track and auditing of data usage within an organization.
- Create an environment conducive to extending data infrastructure to external partners.
- Empower operational units with ownership rights to the data they create and manage
- Foster collaboration while maximizing returns on data investments.
- Boost staff efficiencies with structured data management, promoting collaboration & reuse.
- Support organization-specific data models for used by large-scale data lakes and digital twins.
- Enable of message transformations for seamless data movement between data structures.
- Support video stream processing, including AI functions to leverage multimedia derived data.
- Distribute architecture elements so message transformations tailored to organizational needs.
- Streamline API maintenance process agility, ensuring smooth system operation.

When used in support of a customer's technology upgrade program, i3 Systems serves as a deployment gateway, enabling gradual testing and transition of individual components while keeping operations uninterrupted. With i3 Systems, new technologies can be piloted and tested within operational environments with minimal risk to existing operations.

The i3 technology excels in scenarios requiring flexible and adaptable access to diverse data in an evolving world. This technology simplifies your ability to deliver an evolvable solution that works in an environment that faces technical and operational complexity, reduces maintenance costs, and works in environments facing requirements, policy and regulatory uncertainty.

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