ERP Connectors

Synchronize business systems (IT) with operations (OT) to establish and maintain digital continuity

BENEFITS

Optimize production efficiency and agility

Integrate IT and OT systems to avoid duplicate work and reduce chances of error

Simplify deployment & upgrade flows leveraging an out-of-the-box solution that contains intelligent business flows preconfigured for your ERP

Ensure consistent planning and scheduling across the enterprise with fast and easy access to key inventory data

Achieve digital continuity to drive intelligent, enterprise-wide, decision support and capacity planning

Synchronize Planning with Production

In an environment of highly complex production, scheduling, and material management systems, manufacturers must improve digital integration to contain costs and improve efficiency. This is especially true when producing highly engineered products that have long lifecycles and are subject to extensive regulatory compliance validation with in-depth reporting standards.

iBASEt ERP Connectors extend the value of Enterprise Resource Planning (ERP) systems by automating how planning, inventory, and other financial data is collected and shared with operations. As an out-of-the-box solution capable of handling a high volume of information, the connectors enable quick transfer of data between OT and IT systems to best operate as a digital enterprise.

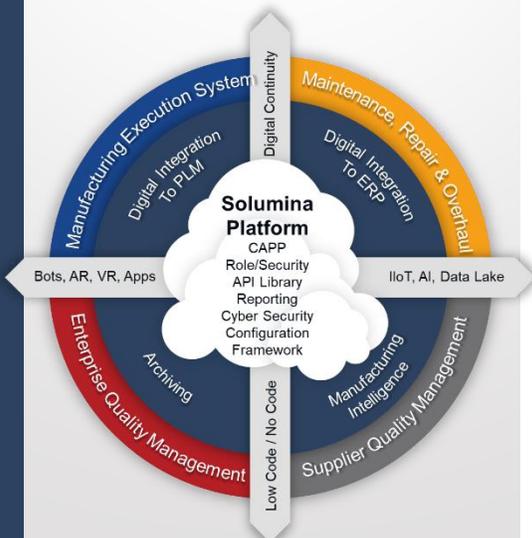## Maximize Operational Efficiency

With its proven architecture and preconfigured integration, iBASEt's ERP Connectors ensure production and quality data are accurately shared with SAP Enterprise Resource Planning (ERP) systems. Synchronize the system of record between customers, orders, materials, and inventory with operations to optimize resources, accelerate new product delivery, and streamline traceability and product genealogy.

Improve Quality

Avoid duplicate work and reduce potential data entry errors by seamlessly integrating disparate IT/OT systems to track labor hours, equipment, and materials data in a unified system. Synchronize operations with business systems to avoid data loss. Gain visibility into supply chain performance, by supplier, to identify star providers delivering the highest quality of parts and materials over the lowest time period.

Increase Operational Agility

Ensure digital continuity across operations to have higher visibility of order status, inventory tracking, and fulfillment processing. Share this intelligence with business systems to improve operational flexibility through systems rationalization, unlocking the potential for rapid innovation and new process improvement – even when faced with a high volume of Engineering Change Orders.

Gain a Better Understanding of Actual Costs

Without seamless integration of business and operations systems, it is difficult to understand the true cost of production. Hidden costs such as rework, scrap, obsolescence, or idle inventory can easily distort financial performance and lead to flawed strategic planning or reduced profitability. Share visibility into operations and actual cost data to make more informed decisions based on true cost implications. Amplify this intelligence with the IIoT to add data collected from machines, operations, and materials to establish a model-based enterprise with digital continuity.

Amplify Return on Investment of ERP

As an off-the-shelf application, ERP Connectors are built on standard APIs with enough granularity to securely maintain data integrity and digital continuity to ERP systems. Avoid unplanned software maintenance and service disruptions by implementing a commercial solution that eases IT support challenges and costs of homegrown connectors. Easily perform updates as new features and functionalities are introduced. Minimize instances of "Shadow IT" by choosing a standardized commercial out-of-the-box approach to synchronizing business and operations systems.

Expand the Impact of Intelligent Decision Support

Today's industrial transformation has heightened the need for real-time data to optimize operations – especially across complex, highly engineered production. Utilize ERP Connectors and improve access to production, inventory, scheduling, and other planning data. Leverage this info to help with capacity and schedule planning to level out resources. Share real-time visibility to operations intelligence with ERP and other business systems to drive intelligent decision support across the digital enterprise.

Gain Visibility	Take Control	Drive Velocity
Send real-time information such as, part numbers, Bill of Materials (BOM), tooling requirements, and asset availability updates from your ERP system to shop floor operations	Define how production and quality systems receive and transmit ERP status updates to increase accuracy & control over reporting metrics	Lower IT costs, using iBASEt's out-of-the-box ERP connectors, preconfigured with 14 standard interfaces for SAP
Send process routing and work order revision data to your ERP	Access correct status reports coming from ERP or production applications	Leverage proven architecture and services, with many years of customer validation to enable agile deployment and gain higher value
Manage process scheduling for manufacturing work orders	Upgrade your iBASEt applications without disrupting pre-existing ERP integration parameters	Accelerate root-cause analysis and issue resolution by enabling intelligent decision support
Send and receive real-time status updates between your production, quality, and ERP systems	Utilize robust workflows that are built on advanced technologies to configure integration points based on your business needs	Send and receive updates across IT and OT systems automatically to avoid delays associated with data reconciliation

About iBASEt

iBASEt is a leading provider of manufacturing, quality and MRO solutions that enable digital continuity across the enterprise. With 30+ years of experience in highly engineered, regulated industries, iBASEt simplifies the complex by empowering customers to gain real-time visibility, take control, and drive velocity across their operations and extended value chain. iBASEt works closely with industry-leaders, including Lockheed Martin, Northrop Grumman, Rolls Royce, Pratt & Whitney, and Patria Belgium Engine Center. Learn more at www.ibaset.com.