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HULFT

Bringing Data Integration 4.0 to Industry 4.0

Grounded in automation and data exchange across the manufacturing supply chain, Industry 4.0 is revolutionizing how things are made. Loosely connected assets are glued into a tightly net worked system of machines capable of AI and real-time analysis through smart software integration.

However, most manufacturers are still operating in Industry 3.0, relying on disparate legacy systems that make data collection messy and inaccurate and preventing smooth system integration. If they are to reach Industry 4.0 capabilities, modern-day manufacturers also need 'Data Integration 4.0' as an underlying infrastructure to connect new and old systems and provide timely and accurate data delivered in real time to synchronize orders, suppliers, inventories, and shipments worldwide.

While most IT vendors leave the actual business implementation of new software for high-priced consultant firms or in-house resources to complete, HULFT stands practically alone in offering both a data integration software platform (iPaaS) and the managed services to support it entirely if that is what the client desires. Consequently, clients not only get state of the art data integration, but HULFT delivers it through powerful business applications including EDI, business intelligence (BI) and B2B e-commerce. Even when the data is in an analog form, such as on paper, HULFT supports the digitization of it into manufacturing systems.

When clients engage with HULFT for the first project, both business and technical leaders are involved, and HULFT's team scopes the project in clear business language, such as: "Unify and synchronize three data sources so that our inventory team can see real-time status on a BI dashboard and make a decision within minutes." And from there, HULFT rapidly creates the business processes, cooperation flows, data conversions and whatever else it takes to accelerate results. A typical project takes weeks – not months – to complete.



Masa Maruyama,
President & COO

One example is Jalux Inc., an aviation and general trading company that wanted to automate their paper-based processes to accelerate digital transformation. Most of Jalux's network is digitalized through EDI and e-commerce solutions. In 2020, they began an initiative to automate the collection and conversion of non-digital invoices and shipping documents to complete their digital transformation. To speed up the process, the sales operations team sought outside assistance to create a data integration system. After reviewing various alternatives, they chose HULFT for its powerful combination of OCR scanning and data integration technologies. What used to take 5 to 6 minutes to process a receiving entry took half the time, and the data accuracy was greatly improved.

“Our data integration comes with fully managed and custom cloud-based solutions, which help clients no matter what their digital transformation initiative entails”

In cases where HULFT clients would rather have their data integration software on premises, their in-house technical team can leverage HULFT Integrate and HULFT to connect applications across their businesses, providing better productivity and instant connectivity between employees and data sources.

"We give clients the broadest variety of choices that matches their resource requirements today, and also a flexible plan for the future," says Masa Maruyama, president and COO of HULFT. "No matter if they choose on-premises iPaaS today or a fully managed BI solution with data integration, they can make different decisions a year from now with very limited change management requirements."

HULFT



The annual listing of 10 companies that are at the forefront of providing Smart Factory solutions and transforming businesses