

PDF Solutions® Announces Collaboration with SAP® to Improve Efficiency in Semiconductor Manufacturing

Sapience™ Manufacturing Hub will link factory data with enterprise resource planning data for rapid business-level analysis

Santa Clara, CA — July 20, 2022 — PDF Solutions (NASDAQ: PDFS) today announced it is collaborating with SAP® SE to connect factory data, including data collected and managed by its Exensio® analytics platform, to the enterprise resource planning (ERP) data in SAP S/4HANA® to enable greater efficiencies in semiconductor manufacturing. This connection of the “top floor” to the “shop floor” will be accomplished through PDF Solutions’ new Sapience™ Manufacturing Hub. The intended outcome of this collaboration is greater financial insights based on the analysis of manufacturing data, resulting in more accurate profitability analysis, increased revenue, and reduced costs.

“Our customers are seeking more ways to leverage their process and product data as part of their Industry 4.0 initiatives,” said Kimon Michaels, Executive Vice President, Products and Solutions at PDF Solutions. “Collaborating with SAP was a logical next step for us because of the complementary synergies across our organizations. The Sapience Manufacturing Hub is designed to provide businesses that use SAP solutions with direct access to new sources of data that can be correlated with existing ERP data, providing unique insights to help our mutual customers achieve sustained profitability in semiconductor manufacturing.”

As more companies adopt Industry 4.0 strategies, one of the challenges that organizations face is the ability to easily connect financial and operational data in a meaningful way that can deliver visibility into the relationships between the supply chain and the shop floor with ERP. It can be difficult for organizations to easily visualize the cause-and-effect relationships across these data sources, resulting in limited financial insight into areas such as manufacturing waste, capacity, or utilization, and the impact they have on corporate profitability.

“Collaborating with PDF Solutions will enable us to accelerate the Industry 4.0 transformations that are happening today across the semiconductor and electronics ecosystem,” said Jeff Howell, Global Vice President and Head of High-Tech Industry Business Unit at SAP. “For companies that still control their own semiconductor manufacturing, the Sapience Manufacturing Hub will enable business visibility that delivers additional ROI from the data they already collect and store but are not using to its fullest potential.”

SAP is expanding its vertical solutions with an ecosystem of [industry cloud solutions](#). The solutions leverage SAP Business Technology Platform (SAP BTP), with advanced technologies, and are interoperable with SAP’s intelligent suite. PDF Solutions is an SAP partner and is working with SAP to create offerings that meet specific manufacturing requirements to provide customers with tools to help achieve positive business outcomes. PDF Solutions [Exensio Process Control](#)

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and [Exensio Manufacturing Analytics](#) products are part of SAP's portfolio of industry cloud solutions. Both of these solutions are key modules of the Exensio analytics platform and provide data from the shop floor to the Sapience Manufacturing Hub. They are now available on [SAP Store](#).

About PDF Solutions

[PDF Solutions](#) (NASDAQ: PDFS) provides comprehensive cloud analytics platforms designed to empower engineers and organizations across the semiconductor ecosystem to increase the yield and quality of their products and improve operational efficiency for increased profitability. The company's products and services are used by Fortune 500 companies across the semiconductor ecosystem to impact business outcomes and achieve smart manufacturing goals by connecting and controlling equipment, collecting data during manufacturing and test operations, and performing advanced analytics and machine learning to drive profitable, high-volume manufacturing.

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This press release contains statements relating to future events and anticipated benefits. These statements are “forward-looking” statements within the meaning of the Private Securities Litigation Reform Act of 1995. While these forward-looking statements represent our judgments and future expectations concerning our business, a number of risks, uncertainties and other important factors could cause actual developments and results to differ materially from our expectations. These factors include, but are not limited to, continued adoption of PDF's solutions by new and existing customers; project milestones or delays and performance criteria achieved; cost and schedule of new product development; the continuing impact of the coronavirus (COVID-19) on the semiconductor industry and on its operations or demand for its products; the time required of its executive management for, and the expenses related to, as well as the success of its strategic growth opportunities and partnerships; its ability to successfully integrate; and other risks set forth in PDF Solutions' periodic public filings with the Securities and Exchange Commission, including, without limitation, its Annual Reports on Form 10-K, most recently filed for the year ended December 31, 2021, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K and amendments to such reports. PDF Solutions is under no obligation to (and expressly disclaims any obligation to) update or alter its forward-looking statements whether as a result of new information, future events, or otherwise.



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