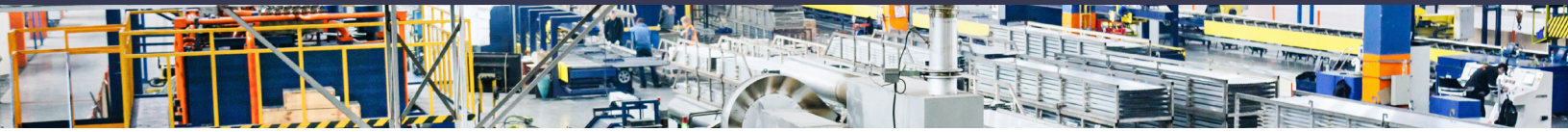# Why Your Business Needs SmartFactory™ for NetSuite.

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Introduction

NetSuite is a cloud-based Enterprise Resource Planning (ERP) software that provides an all-in-one solution for businesses to manage their financials, inventory, supply chain, manufacturing, and more. It is a highly configurable and scalable system that can be personalized to meet the specific needs of various industries. The rise of the smart factory concept has provided a new opportunity for NetSuite ERP to expand its capabilities and provide an end-to-end solution for manufacturers.

A smart factory is a highly digitized and automated manufacturing facility that utilizes next generation technologies such as the Internet of Things (IoT), Artificial Intelligence (AI), and Machine Learning (ML) to improve operational efficiency, productivity, and quality.

The concept of a smart factory is based on the idea of Industry 4.0, which is the fourth industrial revolution that focuses on integrating the physical and digital worlds to create a more intelligent and efficient manufacturing process.

The Benefits of SmartFactory™ for NetSuite

- **Improved Efficiency**

    One of the primary benefits of SmartFactory for NetSuite is improved efficiency. By automating repetitive and manual tasks, businesses can reduce the amount of time and resources required to complete them. NetSuite can integrate with smart factory technologies such as equipment to automate processes like production counts, inventory management, and order fulfillment.

- **Enhanced Quality Control**

    Businesses that use SmartFactory™ for NetSuite can improve quality control by providing real-time data and insights into the manufacturing process. By analyzing this data, businesses can identify and address issues in real-time, leading to fewer defects and higher-quality products.

- **Increased Flexibility**

    SmartFactory™ for NetSuite can provide businesses with increased flexibility by allowing them to quickly adapt to changing market conditions and customer demands. NetSuite ERP can integrate with technologies such as labeling and printing and modular production lines to enable businesses to change their production processes and product offerings quickly and easily.

- **Cost Savings**

    SmartFactory™ for NetSuite can help businesses reduce costs by improving operational efficiency, reducing waste, and minimizing the need for manual labor. By integrating NetSuite with SmartFactory™, businesses can further reduce costs by streamlining processes and improving overall efficiency.

- **Improved Customer Satisfaction**

    Because of SmartFactory™ integration with NetSuite, businesses can improve customer satisfaction by providing higher-quality products and faster delivery times. Businesses can improve their ability to track and manage inventory, reducing the likelihood of stock-outs and delays in fulfillment.

The Role of NetSuite ERP in SmartFactory™

NetSuite provides a fully integrated business system that serves as the system of record for Manufacturers. By providing an end-to-end solution for managing the manufacturing process, NetSuite can enable businesses to take full advantage of the benefits of PCG's SmartFactory solutions.

- **Integration**

    SmartFactory™ easily integrates into NetSuite to leverage a manufacturers investment into their plant, people and equipment. By integrating with these, NetSuite is the system-of-record that provides real-time insights into the manufacturing process,

enabling businesses to quickly identify and address issues as they arise.

- **Real-time Data Analysis**

  Because SmartFactory™ for NetSuite is fully connected, NetSuite provides real-time data analysis of the manufacturing process, enabling businesses to monitor and optimize performance in real-time. By analyzing data such as production rates, defect rates, and downtime, businesses can identify opportunities for improvement and take corrective action quickly.

- **Inventory Management**

  NetSuite ERP can provide real-time inventory management, enabling businesses to track inventory levels and automatically reorder when inventory levels reach a certain threshold. By integrating with SmartFactory™ options such as bar code readers, NetSuite ERP can provide even more accurate and timely inventory management.

- **Production Planning**

  By leveraging NetSuite Demand and Supply Planning, as well as MRP, SmartFactory™ for NetSuite can help to ensure pre-production activities are coordinated to support the production plan as well as effectively managing manufacturing execution processes to optimize material usage, labor productivity, machine utilization, and product quality.

- **Quality and Compliance**

  NetSuite-based manufacturing operations who utilize SmartFactory™ for NetSuite get ahead of quality problems by having real-time oversight of materials usage and critical process parameters and attributes that are required to maintain product compliance in regulated environments and consistently produce better products with lower scrap and rework rates.

Who is PCG?

PCG is a trusted provider of tailored end-to-end IT solutions that consistently and predictably deliver business sustainability. PCG is a company built on relationships, partnerships and experiences. We offer a single point of accountability.

With the technical expertise of highly trained engineers, we have tremendous resources and capabilities in place to care for each and every aspect of a customer's technology environment—from the back office to edge apps to the cloud and across the entire supply and demand chain. Whether it's enterprise application cloud and hosting solutions or enterprise application (ERP) implementation and management, we are your partner in your success.

About I4.OS | SmartFactory™?

PCG's SmartFactory™ solution gives manufacturers the power to build more product, more quickly, more intelligently and more profitably. The SmartFactory has three modules: Shop Floor Bundle, M2M Integration and Operational History Records.

To learn more about how SmartFactory™ for NetSuite can deliver Industry 4.0 to your company, or how businesses have come to rely on PCG to create intelligent manufacturing operations, call 800-265-1230 or visit the SmartFactory™ for NetSuite website at asmartfactory.com.

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