Scalability

Scalability Enables Businesses to Unleash their Full Growth Potential

SYSPRO™
Simplifying your Success

Scalability is a key factor for any ERP solution's ability to deliver optimal performance, and future proof a customer's business. It makes it easier for an organization to implement new functionality as its needs change, and enable better management of the addition of new processes and/or departments to the business's ERP ecosystem says Russell Hollick, Chief Software Architect, SYSPRO.

The Future of Production

In January 2018, the World Economic Forum (WEF), in collaboration with McKinsey & Company, released a white paper titled: The Next Economic Growth Engine Scaling Fourth Industrial Revolution Technologies in Production. It makes for interesting reading.

The authors state that "Technologies of the Fourth Industrial Revolution will generate inclusive growth and bring benefits beyond the factory's four walls. They will potentially deliver up to $3.7 trillion in value for the global economy, offering new products and services to society and supporting the environment by optimizing resource consumption." They go on to state that "…technology's full potential for production, when adopted at scale, is still far from being exploited."

The big question is whether your organization is really ready for growth? While everyone wants to turn a profit, for many businesses, the prospect of a sudden increase in sales, can be daunting. The key to successfully handling seasonal, or welcome but un-projected growth is agility, and scalability – the ability to adapt quickly, and to respond effectively to change in demand in the marketplace.

Why Scalability is Important

Today's customer is far more demanding. They want more customized products, and they want them faster than ever before. Demand however is often fickle, consistent only in its inconsistency. Rapid growth brings a number of challenges. It's not just more customers that you need to satisfy in order to maintain your reputation, you'll also need to handle more data, and manage more resources.

Being able to efficiently scale your operations up when demand is high, and down when it is quieter, is critical to business success, and sustainability. It can be a catalyst for growth into new geographic areas, or allow you to offer new products or services, to answer to market demand.

Managing Your Company's Growth

Having a future-fit ERP system gives you a clearer view of the big picture, and the ability to manage it more efficiently. It enables you to understand inter-departmental relationships, and the potential impact that scaling one area of the business will have on another. When your business grows, your ERP system should be able to grow with you, and give you a choice of how you'd like to deploy it. It should do so with minimal incremental costs or disruption to the business. A system with optimized scalability will reduce the complexities associated with growth, and will introduce an efficiently designed system of reporting and workflows, making the process of scaling your business that much easier.

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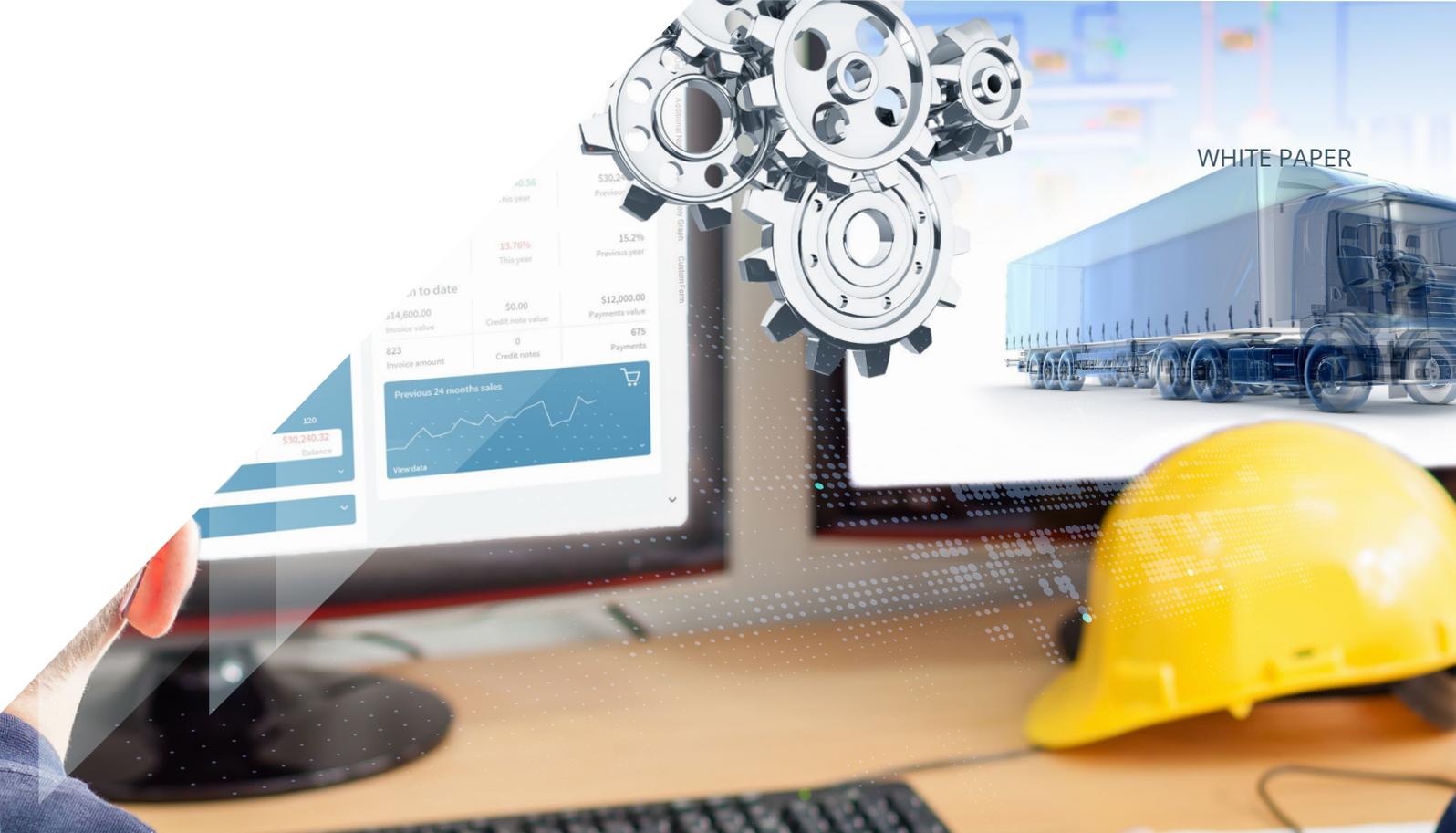
Scalable, High-performance Technology

There are a number of factors that will impact a system's scalability and performance. SYSPRO's latest ERP release has a simplified software architecture that has significantly improved performance. Benchmark testing has confirmed that this release has achieved better throughput with the same hardware, and operating system software, especially under high loads. By adding another traffic lane to SYSPRO's software performance highway, we've increased transaction throughput, thus alleviating potential bottlenecks. In some cases, we've seen it run 30 percent faster, and at maximum load it can deliver over 250 percent improved transaction throughput, says Hollick. Another benefit of an improved, simplified architecture is that it requires less configuration. Overall, the solution has been optimized across the board to deliver greater scalability and higher availability with less planned downtime for maintenance, and enterprise-strength data integrity – all while offering excellent performance.

Enhancing Productivity and Business Performance

As we begin to see more key shifts in production driven by Fourth Industrial Revolution technologies, the necessity of being agile, and able to scale manufacturing businesses with ease, is clear. Whether you're rolling out new technological solutions across one, or many sites, having a scalable, future-ready ERP system in place, will help to enhance productivity and business performance, allowing it to achieve its full growth potential.

About SYSPRO

Established in 1978, SYSPRO is an industry-built Enterprise Resource Planning (ERP) solution designed to simplify business complexity for manufacturers and distributors worldwide. SYSPRO provides an end-to-end business solution for optimized cost control, streamlined business processes, improved productivity, and real-time data analysis for comprehensive reporting and decision-making. SYSPRO is highly scalable and can be deployed either in the cloud, on-premise, or accessed via any mobile device.

Combined with a practical approach to technology and a passionate commitment to simplifying business processes, SYSPRO dedicates itself to the success of its partners and customers alike.

SYSPRO's intuitive product features, business intelligence capabilities, and easy deployment methodology are unmatched in the marketplace. The depth of software functionality and targeted industry knowledge makes SYSPRO an excellent fit for a number of select manufacturing and distribution industries, including food and beverage, machinery and equipment, electronics, fabricated metals, automotive, and many more.

For more information, go to www.syspro.com and let's take action.

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