



NUCLEUS
RESEARCH

SYSPRO LAUNCHES NEW UI AS PART OF SYSPRO 8

ANALYSTS

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THE BOTTOM LINE

SYSPRO announced the availability of SYSPRO 8, the newest version of its enterprise resource planning (ERP) software. Nucleus found that SYSPRO's continued investments in combining new capabilities with the addition of Avanti's enhanced UI usability can help organizations start to leverage the software more easily and incentivize existing customers to upgrade with each coming release.

Avanti is noteworthy in that users that are familiar with SYPRO have reported the need for no training when attempting to complete tasks through this new UI. That said, new users together with those that are unfamiliar with SYSPRO, will most likely need some additional training in order to make use of Avanti.

THE ANNOUNCEMENT

On June 20, SYSPRO announced SYSPRO 8, the latest update of its enterprise resource planning software, designed for manufacturers and distributors in several key verticals including food and beverage, electronics, automotive parts and accessories, industrial machinery and equipment, packaging, and plastics and rubber. Key elements include a new web-based user interface, IoT enablement leveraging Microsoft Azure IoT Hub, machine learning (ML) models, and new ways to interact with and consume the software.

WHY IT MATTERS

FUNCTIONALITY IMPROVEMENTS

Nucleus found that SYSPRO delivers a combination of usability and functionality that has positioned it as a Leader in the 2017 ERP Value Matrix (*Nucleus Research R159 – ERP Technology Value Matrix 2017, August 2017*). The vendor has continued to invest in its capabilities to deliver additional functional improvements to its applications. The latest release of the software includes a number of functional improvements, including:

- Extending Internet of Things (IoT) services. SYSPRO continues to leverage Microsoft Azure IoT Hub to help customers deploy, network, and capture data from connected devices. SYSPRO is also delivering APIs (application program interfaces) that make capturing and analyzing these data easier. IoT support provides users with a means of better understanding the performance of devices and equipment that are critical to their operations.
- Actualized machine learning. The SYSPRO 8 software comes with 30 machine learning (ML) models that address several use-cases including value-driver prediction and anomaly detection.
- Introducing ML scenarios. Looking to bring practical applications of ML technology to its software, SYSPRO provides 30 models out of the box that deliver insights such as anomaly detection and value-driver prediction. Users receive recommended actions based on the system's analysis, which is designed to improve decision making and efficiency.
- Bot assistant. SYSPRO continues to expand on its automated assistant technology, delivering 60 skills out of the box that its bot can perform. The built-in digital bots automate repetitive tasks such as adding calendar appointments or fetching information from the ERP system.

INCREASED USABILITY

SYSPRO 8 also includes a new web-based user interface, called Avanti, that provides additional flexibility in how users consume SYSPRO's software. Because it is web-based, Avanti is available to users regardless of their type of deployment and on any device. Depending on the use-case, customers will have the choice of accessing SYSPRO via its mobile UI, called Espresso, or through any web browser.

Avanti differentiates itself through its emphasis on being intuitive and easy to learn. Existing SYSPRO users that have an understanding of its functionality should expect to be able to accomplish a myriad of tasks without needing any training on how to use Avanti. As a result, the UI lowers the expected overall cost to an organization that is looking to upgrade to SYSPRO 8.

Designed to be more like a consumer application, Avanti caters to users that are familiar and comfortable with the look and feel of modern web interfaces. The vendor is also adding SYSPRO Harmony, an interface that delivers ERP similar to a social media feed, providing data visualizations and consumable information. The flexibility that SYSPRO gives users in how they access and use the ERP software reinforces its dedication to customer choice.

UI TRAINING SAVINGS

Leveraging data collected from ROI analyses, Nucleus found that users typically required about 50 hours of training for on-premise ERP deployments. The data also demonstrated that modern cloud deployments required about half as much training time, with users averaging 25 training hours. In comparison, experienced SYSPRO users that adopted the new Avanti UI have frequently required no training to use the software.

Within this context, Avanti's savings potential is twofold. Savings materialize through a decrease in initial training time for deployment and adoption. Avanti savings also appear via a faster time to productivity on an ongoing basis when non-regular users access the application.

Deployment Type	Average Training Hours	Fully Loaded Cost Per Employee	Average Training Cost Per Employee
ERP on-premise	50	\$80,000	\$1923
ERP cloud	25	\$80,000	\$962
SYSPRO Avanti	0	\$80,000	\$0



Developed to enhance usability, Avanti's ease of use has translated to a reduction in training costs. By enabling users that are familiar with SYSPRO to quickly perform tasks without the usual training requirement, the new Avanti UI has the potential to generate cost savings compared to other on-premise and cloud-based ERP deployments.

CONCLUSION

The SYSPRO 8 update introduces a series of new features to SYSPRO's existing ERP solution. From IoT enablement to chatbots, and ML models, each of these features have the effect of increasing its overall functionality. Additionally, the introduction of SYSPRO's new Avanti UI adds a new dimension to its overall usability. By eliminating training requirements for users that are familiar with SYSPRO, Avanti incentivizes customers to upgrade to SYSPRO 8 and take advantage of the capabilities it delivers that enable manufacturers and distributors to move toward actualizing Industry 4.0.