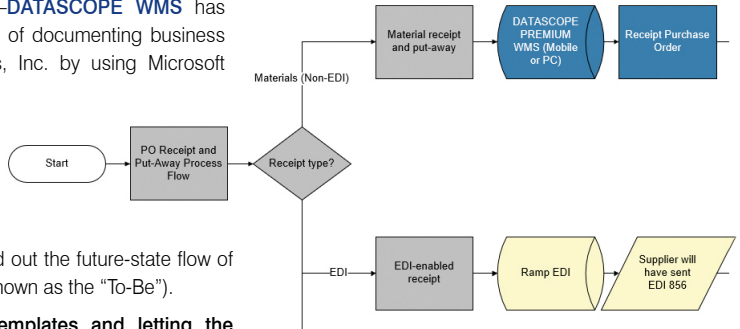# NEWSLETTER

PROJECT HIGHLIGHTS – CREATING EXCEL-BASED WORK PROCESS FLOWS FOR KENS FOODS

MARLBOROUGH, MA—**DATASCOPE WMS** has simplified the process of documenting business processes at Ken's Foods, Inc. by using Microsoft Excel to develop process flow diagrams. By capturing data in Excel and exporting it to Microsoft Visio, the team has not only captured Ken's "As-Is" processes but also mapped out the future-state flow of data and processes (also known as the "To-Be").

"Using standard Excel templates and letting the software do the work has made things so much easier," said Joe Bowden, Account Manager. **"We can generate and re-generate diagrams as needed, and we can automate both the shapes and colors on the documents."**

Creating and editing Visio diagrams typically involves manual work: choosing the correct shapes, drawing arrow connectors between process steps, typing in step descriptions, and selecting the correct fill colors. However, Visio Plan 2, a subscription-based service offered by Microsoft, enables advanced Excel integration. After using Excel to capture process steps, generating a diagram automatically takes just a few clicks.

The primary work becomes making the diagram look as impressive as possible.

Editing the process steps in a diagram is also easy. As Visio can link to Excel as a data source, updating the Excel sheet and refreshing the data set can update the diagram.

"In a big project, using tools that turn hours into minutes gives us more opportunities to focus on what's important for the client," continued Bowden. **"We can run through multiple iterations of the same process and develop the best possible solution."**

	A	B	C	D	E	F
1	**Process Step ID**	**Process Step Description**	**Next Step ID**	**Connector Label**	**Shape Type**	**Software**
2	A	Start	A1		Start	
3	A1	PO Receipt and Put-Away Process Flow	A2		Process	Manual
4	A2	Receipt type?	D, B, E	Bulk Liquids, Materials (No	Decision	Manual
5	E	Material receipt and put-away	E1		Process	Manual
6	E1	DATASCOPE PREMIUM WMS (Mobile or PC)	E2		Database	DATASCOPE / SYSPRO
7	E2	Receipt Purchase Order	E2A		Process	DATASCOPE / SYSPRO
8	E2A	Trailer inspection and seal capture process screen	E3		Data	DATASCOPE / SYSPRO
9	E3	Enter, scan, or select Purchase Order	E4		Data	DATASCOPE / SYSPRO
10	E4	Enter, scan, or select StockCode	E5		Data	DATASCOPE / SYSPRO
11	E5	Enter or scan Lot and Expiry Date	E6		Data	DATASCOPE / SYSPRO
12	E6	SYSPRO may automatically populate Expiry Date	E7		Data	DATASCOPE / SYSPRO
13	E7	Enter Quantity on pallet - auto-split receipts on pallets	E8		Data	DATASCOPE / SYSPRO
14	E8	Receiving onto new TrackID?	EN, EE	Yes, No	Decision	Manual
15	EN	New TrackID	EN1		Subprocess	Manual
16	EN1	Click empty TrackID field	E9		Subprocess	DATASCOPE / SYSPRO

Visit our website
www.datascopewms.com

NEW ONLINE DATASCOPE SOFTWARE USER GUIDE

We have some exciting news to share—finding software-related answers will be a lot easier than before. We recognized that our documentation was a bit **weak**, so we included in our 2024 strategic roadmap tasks to review, update, fix, and enhance our software user guides, F1 Help, and training documentation.

We are working hard on phase 2 of the **DATASCOPE University** rollout, which involves developing the **DATASCOPE PREMIUM WMS Accreditation course**. In line with this development, we also created an online software user guide to help users find content more easily.

If you are part of our Newsletter subscription list, you will have received some information about updated content. As we are busy revamping and enhancing our **DATASCOPE University,** we are also fixing and updating our software user guides. You might have noticed that it has moved online, and we've made it even easier for you to find specific topics with the comprehen-sive search functionality.

The online **DATASCOPE** software user guide

immediate answers to the most common queries that may arise.

Here's what's inside:

- How to get started
- Various configuration requirements
- Detailed steps on how to use our most used modules, which include topics like Quality Control, Load Planning, picking options, and a whole lot more.

The online software user guide will be accessible directly from the software with our 24R2 release or join our mailing list. We send out regular updates on new content that has been added.

Even though it is much easier to find software informa-tion now, we still encourage all users to get certified.

Your expertise and commitment as esteemed software users are invaluable to us. That's why we emphasize the importance of all **DATASCOPE WMS** users being certi-fied in their functions. The certification is a formality and a testament to your dedication and expertise. Remember, this recognition can only be obtained through our esteemed **DATASCOPE University**.

THE SLAM REVOLUTION - WHAT IS SLAM?

OPTIMIZING WAREHOUSE OPERATIONS: THE **SLAM** REVOLUTION

SLAM (Scan, Label, Apply, Manifest)

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PREMIUM

In warehouse management and distribution center operations, the significance of the final stretch cannot be overstated. The efficiency of the last one hundred feet of your warehouse can make or break your operations. As professionals in the warehousing and logistics industry, you understand the critical importance of eliminating bottlenecks and maximizing throughput. Every moment saved translates into enhanced productivity and satisfied customers. Technological advancements have proven invaluable allies in the relentless pursuit of operational excellence. Among these innovations stands SLAM (Scan, Label, Apply, Manifest) technology, a solution designed to optimize the pivotal final segment of your distribution center. Join us as we delve into SLAM and uncover its transformative potential in revolutionizing warehouse efficiency.

The following facts exist about SLAM Systems.

- **Low Labor** – Only one or two human operators must oversee the process or address errors.
- **High Throughput** – SLAM systems deliver between 1,000 to 7,000 packages an hour or more.
- **Optimized Rates** – Automated dimensioning, weighing, and cartonization equipment, combined with powerful multi-carrier rate shopping software, ensures you pay the lowest shipping rate every time.
- **Accurate** – SLAM systems are highly accurate, using scanners, order ID barcodes, and cameras with verification parity checking at every process stage. Orders only ship when carrier label, pack slip, and order information match, ensuring nearly 100% accuracy.

- **Scalable** – SLAM technology is designed to meet your highest anticipated daily throughput volume (such as peak season). Any less volume will process at the same speed, making seasonality a concern of the past.
- **Data Management** – SLAM systems connect at the hardware AND software level, allowing data exchange between the system and your multi-carrier, WMS, or ERP, which includes operational metrics.

These benefits collectively improve warehouse productivity, reduce labor costs, and enhance customer satisfaction, making SLAM technology an asset for businesses operating in the fast-paced world of warehousing and logistics.

Industries that benefit from SLAM

Industries across various sectors stand to benefit significantly from implementing SLAM (Scan, Label, Apply, Manifest) technology. In manufacturing, particularly in consumer goods, automotive, and packaging sectors, SLAM enables precise inventory tracking, enhances quality control processes, and streamlines production workflows by efficiently labeling and manifesting goods. Logistics applications, including e-commerce, retail, warehouse, and distribution operations, reap substantial rewards from SLAM integration. With SLAM, logistics companies can optimize inventory management, automate picking and packing processes, and ensure accurate order fulfillment, improving overall operational efficiency and customer satisfaction. The versatility and adaptability of SLAM make it a valuable asset

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CONTINUES...THE SLAM REVOLUTION - WHAT IS SLAM?

across a wide range of industries, driving innovation and competitiveness in today's dynamic market landscape.

The market potential for automation in various industries, particularly in e-commerce and warehousing, is immense and continues to expand rapidly. From 2010 to 2020, e-commerce sales experienced steady growth at an average rate of 11% year over year (YOY). However, the onset of the COVID-19 pandemic further accelerated the shift towards online shopping, with a remarkable 56% growth observed from Q1 2020 to Q1 2022. Despite this exponential growth, only a tiny fraction, approximately 5%, of the industry currently utilizes sophisticated automation equipment and solutions. Moreover, a staggering 80% of warehouses lack any form of automation. These statistics underscore a significant untapped market potential for automation technologies. As businesses seek to meet increasing consumer demands

for faster delivery and improved efficiency, adopting automation solutions presents a compelling opportunity to streamline operations, enhance productivity, and stay competitive in an evolving marketplace.

Recently, a captivating video (see **https://videos.mhi. org/introducing-slam/**) showcased SLAM's transformative potential in revolutionizing warehouse operations. Let's delve deeper into SLAM technology and how it promises to reshape the logistics landscape.

The Future of Warehousing

SLAM technology represents a paradigm shift in warehouse operations, unlocking new possibilities for efficiency, safety, and scalability. As businesses strive to stay competitive in an increasingly dynamic marketplace, embracing innovations like SLAM will be crucial in shaping the future of logistics and supply chain management.

STAFF ANNOUNCEMENTS

We are thrilled to announce the addition of Quartus to our engineering team as a Senior Developer. He brings a wealth of experience and expertise that will be invaluable as we continue to grow and innovate. Quartus comes to us with an impressive background, having worked as a Senior Developer at a fintech startup over the last four years and prior to that as a developer for a large manufacturing concern. His technical skills and problem-solving abilities are top-notch, and he has a proven track record of delivering high-quality code and leading successful projects. In his new role, Quartus will be responsible for helping us build out new functionality on our enhancement backlog in addition to a focus on the web; we are confident that his contributions will significantly impact our team's productivity and the overall success of our projects. **"We are thrilled to welcome**

Quartus to our team," said Mark Phillips, our Development Manager. **"With his extensive experience and strong technical skills, he will be a valuable asset in helping us achieve our goals and push the boundaries of what's possible."**

Quartus holds a BSC (with distinction) in Information Technology from NWU. He was also offered membership to the Golden Key Honour Society, of which he is a proud member. Quartus is passionate about technology. He stays updated with the latest technologies, mentors others, and contributes to open-source projects; when he is not coding, he enjoys spending quality time with his young family. Please join us in welcoming Quartus to the team! We are excited to see his impact and look forward to working together to achieve great things.