Welcome to the TWAIN Working Group Newsletter

We have a lot of exciting things on the calendar for 2024! Read on to learn more about some interesting new additions to TWAIN Direct Developers Day in November, projects from our newest member JSE Imaging Solutions, member company P3iD and their work with LLMs, recent webinar recaps and more!

Developers Day Features Lead Sponsor OpenText

November 14, 2024
Enabling developers to create TWAIN Direct cloud scanning applications with the ability to incorporate OpenText Thrust Services and C2PA content authenticity technology

TWAIN Direct® Developers Day will be held on November 13-14, 2024 in Tampa, Florida. This event will encourage scanner manufacturers, Independent Software Vendors, and businesses to revolutionize their Capture technologies with driverless web and mobile document scanning applications, eliminating the need for legacy USB scanner technology.

TWG’s first TWAIN Direct Developers Day allowed attendees to develop fully functional TWAIN Direct scanning applications with direct hands-on support and supervision of the TWAIN Working Group’s team of experts in one day. TWG’s upcoming Developers Day event will go beyond standard TWAIN Direct scanning applications; developers will have the ability to incorporate OpenText Thrust Services such as Risk Guard Service to identify PII information in a document, Capture Service to extract all relevant data from a document and use a local database (Vertica CE) to load extracted data into a relational database.

“Partnership on the Developers Day event makes a lot of sense for OpenText, TWG and event participants. There is good synergy between many of our APIs and TWAIN Direct Cloud or Network scanning applications,” said Chris Wynder, Director of Product Marketing, Developer Services and OEM program with OpenText. “Developer Day participants will leave with a solution that goes beyond Capture to provide improved compliance and bring unstructured data into large datasets that can be to incorporated into any application or AI use case.”

Additionally, developers will be able to incorporate C2PA’s open technical standard, allowing publishers, creators, and consumers to trace the origin of captured documents utilizing TWAIN Direct and various other media types. Integrating these leading technologies into a TWAIN Direct-enabled application will create a complete solution for modern document capture, including efficiency and document intelligence with OpenText Thrust Services and content provenance and authenticity with C2PA, all in one easy-to-use and affordable offering. Read more

In addition to hands-on development, this event will feature a concurrent Business Track, which will include interactive, moderated discussions around various different
topics such as The Impact of Gen AI, IoT Security and more. Business Development people - attend for actionable insights from these important discussions!

Developers Day Sponsors and Partners

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Download the prospectus and join us today!

TWAIN Working Group Partners with AIIM International

Not-for-profits join forces to further educate the Information Management community around emerging technologies

The TWAIN Working Group has joined the AIIM International Leadership Council, and welcomes AIIM as a TWG Liaison Partner. This alliance will empower both organizations to optimize their information management strategies through
collaboration, research, and the sharing of best practices with one another for the benefit of the Information Management community.

The AIIM International Leadership Council encourages the development and adoption of cutting-edge information management technologies and practices, while providing a platform for industry leaders to share insights, challenges and solutions. The Council conducts and disseminates research on emerging trends, and advocates for industry standards and policies. AIIM offers a multitude of resources and networking opportunities to support education and career development.

With a long, and successful, history for providing valuable education to Information Management professionals, the AIIM community acts as a trusted advisor for organizations that must deal with many business and technical issues. This new AIIM/TWAIN alliance aligns perfectly in that TWG also fully embraces openness and industry standards supporting several open-source projects including TWAIN Classic, TWAIN Direct and PDF/R. In this new era of Artificial Intelligence and the high interest in organizations creating Large Language Models (LLMs), TWAIN technologies allow for feeding large volumes of clean data, in real-time, from TWAIN data sources whether these are document scanners, mobile phone cameras or even existing file directories. Now, Information Management professionals have a one-stop shop to not only get critically important education and awareness from AIIM, but also learning augmented with TWAIN technologies. Read More

Harnessing Encleso Web TWAIN with ChatGPT for Enhanced Web Scanning Applications

In the realm of digital document management, integrating robust scanning capabilities directly into web applications significantly enhances functionality and user experience. Encleso's Web TWAIN control, designed specifically for this purpose, provides a powerful solution for developers targeting Windows-based web applications. This newsletter delves into how developers can combine Encleso with OpenAI's ChatGPT to build efficient, user-centric web scanning solutions.

Understanding Encleso Web TWAIN Control

Encleso Web TWAIN is a component tailored for developers who wish to integrate scanning functionalities seamlessly into their web applications. It supports a wide array of scanners and offers a flexible API, making it easy to tailor scanning operations.
to meet specific requirements. This control operates directly within the browser, streamlining the user experience by eliminating the need for additional software. Encleso is a product of JSE Imaging Solution UG, a member of the TWAIN working group.

**Benefits of Using Encleso in Your Web Applications**

Integrating Encleso into your web applications offers numerous benefits:

- **Compatibility**: Seamless integration with a variety of TWAIN-compatible scanners.
- **Ease of Use**: Simplifies development with straightforward, well-documented API calls.
- **Efficiency**: Streamlines the incorporation of complex scanning functionalities.
- **User Experience**: Allows users to perform scanning directly within the web interface, enhancing convenience.

**Leveraging ChatGPT for Dynamic Web Scanning Applications**

By integrating Encleso with ChatGPT from OpenAI, developers can transform the way web applications interact with users during scanning tasks. ChatGPT can facilitate the creation of dynamic interfaces that guide users through scanning processes, handle errors, and automate tasks based on scanned document content. For example, ChatGPT can be used to automatically create web sites to scan, display and print documents. See the full video which shows how ChatGPT creates a website which can scan with TWAIN compliant scanners.

**Step-by-Step Guide to Integrating Encleso with ChatGPT**

1. **Setup**: Install the Encleso Web TWAIN control on your client as per the guidelines provided on [www.encleso.com](http://www.encleso.com).
2. **API Integration**: Utilize Encleso's API for managing scanner parameters, initiating scans, and processing scanned data.
3. **ChatGPT Integration**: Employ ChatGPT to enhance user interaction by providing instructions, troubleshooting scanning issues, and responding to FAQs.
4. **Advanced Features**: Implement advanced functionalities through ChatGPT, such as recognizing document types and extracting specific information.
The fantastic opportunity for Artificial Intelligence (A.I.) to better our business and personal lives is all the rage these days. With all this incredible innovation, there are terrific possibilities, for example, to greatly improve cash flow for your business by analyzing your accounts payables and receivables. Or you can use A.I. to crawl all your Office 365 documents to quickly and easily develop a business plan in minutes instead of the manual and time-consuming tasks of human interpretation than writing a traditional business plan that might take days, weeks or months. Or, the holy grail of all time, maybe the cure for dreaded diseases such as the cure for cancer can be found by using A.I. to analyze already available data.

The point is that no one disagrees on the great promise that A.I. can provide for positive outcomes, but A.I. is not magic (yet) and still relies on a lot of common sense to be useful and efficient. At the core of most A.I. systems are a Large Language Model, or LLM, that is basically a trained computer brain that understands the specific 'language' and vocabulary of your business. It's very important that the LLM is feed data in real-time, at all-times, from all available data sources because to make good decisions based on data, you, obviously, need the most recent data.
Just as important, if not even more important than fast, real-time data ingestion, is the critically important need to 'clean' your data. This might sound simple enough because we've all heard the old phrase of 'garbage in, is garbage out' and this couldn't be truer and with A.I. especially. With A.I.'s machine learning capability, these systems not only can get smarter much quicker, but they can also get dumber just as fast and start making questionable decisions, provide biased outcomes and deliver wacky 'hallucinations' that we are hearing about in the news so much recently.

**Collect data in real-time with distributed cloud capture capability**

As mentioned above, your LLM should be constantly evolving and learning to provide the greatest value. And the way that you allow your LLM to evolve in the most effective manner is by providing the most current data available from all your business processes.

**Cloud Scanning for ERP Systems featuring SBT Executive Series - Webinar recap**

The SBT Executive Series accounting system now includes integrated scanning powered by TWAIN Direct. SBT Executive Series is a scalable mid-market accounting/ERP system available either as a cloud native subscription or as a locally installed client/server software application.

SBT Executive Series includes enterprise features such as multi company/fund processing, automatic intercompany processing, consolidating financial report writer, user defined import integrations, and paperless processing. SBT Executive Series paperless processing includes integrated scanning enabled by the TWAIN Direct standard - a very powerful feature designed to capture and process vendor invoices, contracts, and customer purchase orders.
With TWAIN Direct technology, SBT Executive Series is now providing its customers with a near-zero setup, and intuitive scanning experience.

Learn more about TWAIN Direct’s role in SBT’s latest application, and how you can leverage SBT Executive Series as your ERP solution! View Video

Ask Them Anything - an open invitation

Tech Evangelists Art Post and Greg Walters hold regular interactive sessions to "Ask Them Anything"

Recently, Kevin Neal, TWAIN Marketing Committee Chair, was a guest on one of Art and Greg's sessions. These virtual meetings are designed to be an informal dialogue around all things technology-related. Many, many topics were discussed during this session, including TWAIN Direct.

A note from Greg:

Dive deep into the world of technology and business with Art and me. From the early days of selling copiers to navigating the complexities of cloud computing and AI, we've got stories to tell and insights to share. Our journey spans decades, and we're here to spill all the secrets.

Got questions? We're all ears. Whether it's about sales strategies, digital transformation, or just figuring out the tech that makes your business tick, we're here to help. And we're not just talking shop – we're sharing the kind of wisdom you can only get from years in the trenches.

Join us for a laid-back hour that might just include a drink or two. We mix it up with special guests to keep the conversation fresh and full of surprises.
So, what's on your mind? Bring your curiosity, your challenges, and let's make this a two-way street. "Post & Walters" isn't just a show; it's a community.

Join Us.

View the session featuring Kevin Neal and TWAIN Direct

Join Art and Greg for future sessions

NOW is the time to hold your spot for Developers Day!

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