

Exciting New Developments in 2018!

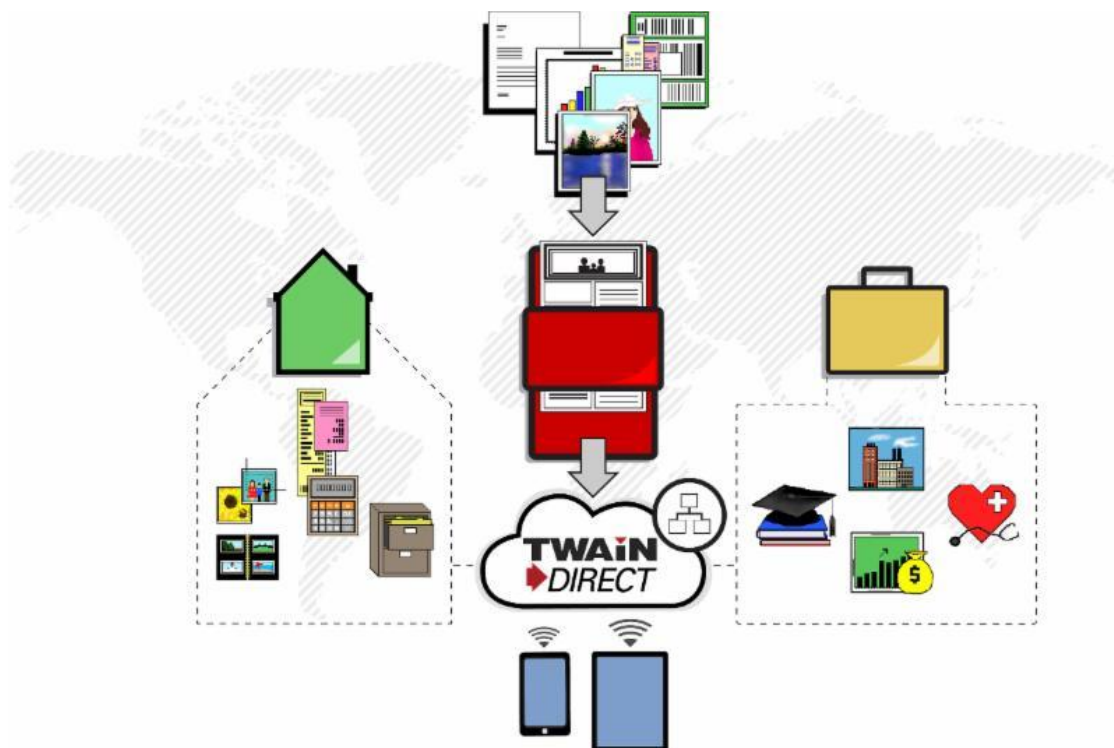


## Welcome!

Welcome to the TWAIN Working Group Newsletter. The TWAIN Working Group is a not-for-profit organization which represents the imaging industry. TWAIN's purpose is to provide and foster a universal public standard which links applications and image acquisition devices. The ongoing mission of this organization is to continue to enhance the standard to accommodate future technologies. This quarterly newsletter is designed to keep you up to date on group initiatives, news and upcoming events.



*Easy Scanning for Every Application*



In today's scanning environments, an image capture interface has to be employed to enable communication between the software and scanning device. For application developers, this can pose numerous challenges. Given the native complexity of scanning devices, it is difficult to develop feature-rich image capture solutions for a wide variety of scanning products. Applications and drivers typically reside on the same operating system, which are often limited to desktop environments, forcing application developers to adopt proprietary solutions for user's mobile devices. IT personnel must install and maintain vendor specific drivers on their user's machines. As a result, development time to create appealing solutions for scanning device users can take months, draining valuable resources and driving up development costs.

TWAIN Direct addresses the need for something simple and direct that expedites application development and results in a feature-rich end user experience. TWAIN Direct eliminates the need for users to install vendor specific drivers as communication between scanning devices and image capture software applications. It supports direct network communication between mobile and desktop applications and scanning devices, including cloud platforms.

TWAIN Direct is derived from the proven TWAIN specification, which currently details and enables more than 150 scanning device capabilities. As TWAIN Direct moves forward, the specification will be committed to maintaining backward compatibility, operating system independence and enhancing the standard to accommodate future technologies.

**TWAIN Direct:**

- Easier to troubleshoot problems and support new products and upgrades
- Development time in hours or days vs. weeks or months, resulting in significant cost savings- TWAIN supplies the sample code
- Reduces limitation to a small set of programming languages - The command language for TWAIN Direct is built upon JSON. TWAIN Direct supports modern, human readable programming languages, to include mobile platforms now and in to the future
- Better user experience with a full feature set best suited for any application

Built on the foundation of the industry-standard TWAIN driver specification, TWAIN Direct is a success-oriented, vendor agnostic solution that enables direct communication between scanning devices and software. From home scanning to Service Bureau production scanning environments, TWAIN Direct will revolutionize how scanners and software communicate.

**TWAIN Local, to enable TWAIN Direct scanners to run on a local area network, will be available for development soon!**

TWAIN is currently exploring security requirements and best practices to ensure the specification is completely solid prior to release. At the time of release, a software bridge will also become available that can be run on top of traditional TWAIN drivers, enabling developers to connect to software applications that have been developed on the classic TWAIN standard.

A TWAIN Cloud version is scheduled for release in late 2018.

Interested in joining the conversation about TWAIN Direct? [Contact us](#)

*Developers and Scanner Manufacturers - check out the [TWAIN Direct User's Guide and Specification](#)*

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## Why Become a Member of the TWAIN Working Group?

Create the future! Join industry leaders in the creation and adoption of a new standard designed to embrace the versatility and power of cloud-computing: TWAIN Direct. By becoming a TWAIN member, you will help ensure that the TWAIN standards are balanced to meet the broad needs of the industry and the specific needs of your organization and your customers. Involvement and support from TWAIN's members is critical in defining the future of the imaging industry.

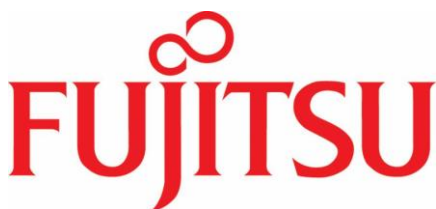
The TWAIN Working Group is a not-for-profit organization with the sole purpose of fostering a universal public standard which links applications and image acquisition devices. It is our mission to help the standard grow and evolve to suit the advent of future technologies.

Important membership benefits include:

- Work with like-minded individuals from industry-leading companies to contribute and influence this widely-adopted industry standard
- Gain access to technical information and experienced engineers involved in the development of the standard, including advanced access to sample code and development details
- The TWAIN Board is a career-building opportunity to volunteer with a not-for-profit organization that is committed to the betterment of our industry
- As a TWAIN Working Group Board member, you gain full voting rights on all strategic initiatives and board decisions. You also get additional marketing exposure/visibility for your business as an industry leader with direct influence on an important standard.
- Membership is an opportunity to exchange solutions and ideas with industry leaders in a development environment.

[Send me more information about TWAIN Membership](#)

## Board Member Spotlight



*"The TWAIN Working Group has done an admirable job over the years to make TWAIN an industry standard for imaging devices and applications. The Group began work on the new cloud and mobile-friendly TWAIN Direct initiative a few years ago, and is now nearing completion. Fujitsu is proud to have been a board member of the TWAIN Working Group for all these years. We believe that TWAIN Direct will have a substantial impact within our industry in the years to come, and we look forward to being a part of this success."* Yasunari Shimizu, President and CEO, Fujitsu Computer Products of America, Inc.

**Fujitsu** is an established leader in the document imaging market, featuring state-of-the-art scanning solutions. Fujitsu scanners deliver speed, image quality and superior paper handling to optimize business processes. The Fujitsu Computer Products of America, Inc. (FCPA) portfolio unlocks the full potential of document scanning with high-quality, scalable capture software applicable to the workgroup, departmental and production-level scanner categories, helping you to leverage and optimize what is most important on documents - the data. This comprehensive portfolio offers a range of solutions that

enable you to integrate a capture offering that matches your business needs and overall capture goals.



*"Visioneer is deeply committed to the TWAIN standard. With over 20 years of participating within the TWAIN Working Group, my role as Visioneer's CTO and TWAIN's CEO underlines Visioneer's value of board membership, as it fosters further growth in the document capture industry. We fully support continued TWAIN Working Group initiatives as the new TWAIN Direct standard is rolled out and are excited about this new specification enabling a way for scanners and applications to communicate over a network or in the cloud without the need for a driver. Visioneer is proud to be directly involved with its ongoing development ."* Jon Harju, CTO, Visioneer, Inc.

Since its founding, Visioneer has been a pioneer in simplifying document capture through innovative software experience combined with award-winning scanner offerings. Today Visioneer is focused on accelerating digital transformation and enabling the digital workplace. Since 2003, we've partnered with Xerox to develop and sell the broad line of [Xerox® DocuMate](#) scanners for personal, departmental and production applications. Coming from a relentless focus on unlocking the value in paper documents, our OneTouch® software led the way in eliminating the many steps customers were forced to work through in the scanning process. And our Acuity Image Enhancement platform has continually improved the quality of our customers' digital scans and supported a range of custom IT integrations. Visioneer's RoadWarrior and Patriot scanner lines provide TAA-certified public sector solutions to round out our product offerings. Integrated document capture is our exclusive focus, bringing high-performance, high-value offerings to the global market.

## [Recent News](#)

**ABBYY Joins TWAIN Working Group as an Associate Member**

**HazyBits Joins TWAIN Working Group as an Associate Member**

**TWAIN Working Group and PDF Association Announce PDF/raster: The Next-Generation Format For Imaging**

**TWAIN Working Group Releases 2.4 Specification and Launches New Website**

## **Upcoming Events**

**Join TWAIN at Capture 2018, Sept. 5-6 in New York! [More info...](#)**

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