

TWAIN Direct available NOW for development!



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.



TWAIN Direct is Available NOW for Development

The TWAIN Working group has created specification documents and sample code for multiple platforms to help expedite the development of applications accessing scanners via a local area network or via the cloud. TWAIN Direct addresses the need for something simple, allowing developers to deliver a feature-rich end user experience regardless of equipment being used, by supporting direct network communications between the application and scanning device which can be operated via mobile or desktop application through a web browser.

Application Developers and Scanner Manufacturers

TWAIN Direct is a free and simple develop once, support all technology, and allows for true plug and play functionality, eliminating a complicated installation processes. TWAIN Direct is also designed to support any TWAIN Direct enabled scanner or legacy TWAIN

based USB device using the TWAIN Direct Bridge application or Side Car solution. These available options are designed to support existing TWAIN driver-based devices without having to purchase hardware to support the TWAIN Direct protocol.

The TWAIN Working Group has added many new tools to assist you with TWAIN Direct development. Getting started is easy!

- [What is TWAIN Direct?](#) (video)
- [Why are you still using a USB cable with your scanner?](#)
- [Tired of TIFF? Try PDF/raster](#) - a file format standard with TWAIN Direct
- [How to adopt the standard today!](#) (video)
- [Getting Started with TWAIN Direct!](#)
- [Frequently Asked Questions](#)
- [Download](#) the TWAIN Direct Specification Documents to Start Development
- [Installing and Configuring](#) the TWAIN Direct Bridge (video)
- [Installing and Scanning](#) with the TWAIN Direct Application (video)
- [TWAIN Direct Sample Code](#) Files and Certificates

Some great reading on TWAIN Direct...

- [TWAIN Direct Standard Promises Easy Scanning for Every Application](#) - Workflow Magazine
- [TWAIN Driver Document Scanner Capture Must Have](#) - idm



An Interview with Jon Harju, TWAIN Working Group Chair

Jon is the current Chair of the TWAIN Working Group, and one of the very first volunteers for the development of the TWAIN standard.

We sat down with Jon recently, and wanted to gain some insight from him on the evolution of TWAIN and his role with the Group.

Q: When did you join the TWAIN Working Group? What was your motivation for joining the Group?

A: Originally back in the late 90's I was invited to join the TWAIN Working Group as a representative of my firm JFL. There was a particular initiative at that time to make the TWAIN standard suitable for high speed and high volume production scanners. After selling my firm and joining Visioneer, I continued to participate on the board to advancing the original initiative. During the last 5 years the focus has shifted to the future with TWAIN Direct, modern technology suitable for a new generation of solution integrators and knowledge workers

Q: How do you view TWAIN with regard to the scanning industry? How has it affected the industry in your opinion?

A: TWAIN is very important and has grown from the defacto consumer scanner market to a global must-have for all document scanners. With some minor proprietary exceptions, every document scanner has a TWAIN Driver, making it possible to create royalty free solutions.

Q: How have you seen the TWAIN Standard evolve over the years? How do you think the new TWAIN Direct standard will change things?

A: TWAIN Direct liberates scanners from platform specific drivers reducing maintenance overhead for IT administrators and simplifying setup for the average user. TWAIN Direct allows scanning solutions to be developed using modern programming languages and tools, on modern desktop, mobile and cloud platforms while addressing security concerns with signing and encryption built in. It is now possible to envision digital conversion software driving a scanner from a tablet.

Q: With your time and experience working on the new TWAIN Direct specification, what are your thoughts on how software partners and hardware OEM's will adopt this new standard?

A: Now that TWAIN Direct is launched, Software Partners will be looking for ways to take advantage of this new technology to simplify not only future scanning solutions but present scanning solutions. At Visioneer we chose to TWAIN Direct enable all currently shipping USB scanner drivers by implementing desktop sharing via TWAIN Direct over LAN and Cloud. So while this solution is not driver free - it does mean that Solution Integrators can write modern applications now with TWAIN Direct that will work with all present and future Visioneer and Xerox DocuMate scanners.

Like the original TWAIN Standard, I expect that demand for royalty free open standards will be driven by users and solution integrators. Eventually all OEM manufacturers will have support for TWAIN Direct. At Visioneer we don't see any reason to wait and want TWAIN Direct benefits on all present and future devices.

All members of the TWAIN Working Group would like to thank Jon for his many, many years of dedication to the Group and development of the TWAIN and TWAIN Direct standards. Jon's leadership and hard work have been key in moving bringing the standards to public release!

Become a TWAIN Working Group Member - contribute to this free standard

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.**

[More information about TWAIN Membership](#)

Recent News

- **TWAIN Working Group Releases Next Generation Image Acquisition Technology - TWAIN Direct**
- **LEAD Technologies 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**

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