

TWAIN Working Group Update

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TWAIN
Linking Images With Applications

TWAIN
DIRECT

What is TWAIN and Who is the TWG?



TWAIN
Linking Images With Applications

ABBYY[®]


Atalasoft
A Kofax Company

BID
TECHNOLOGIES[™]

Dynamsoft[™]

Panasonic

EPSON[®]
EXCEED YOUR VISION

ExactCODE;
SOLUTIONS THAT JUST WORK, EVERY DAY.

FUJITSU



 **InoTec** GmbH
Organisationsysteme

Kodak alaris

 **PDF**
association



MICROTEK
SCAN THE WORLD



HazyBits



vioneer.

TWAIN ➔ DIRECT

TWAIN Direct is demonstrating now!



- Driverless
- Network Scanning Protocol/Language
- Simplifies application development
- Enhances user experience

- Defines
 - Intent-based job description language
 - Image data format
 - Meta data format

- 100% Compatible with any PDF Reader
- Lightweight writer/reader
- Replace TIFF
- *Security features*
 - *Encryption*
 - *Signing*



Scanner Manufacturers

- *Finally driverless! No installation required*
- *Eliminate driver conflicts*
- *Scan from any device on the network (LAN or Cloud)*
- *Mobile device support (tablets & smart phones)*
- *Vendor-hosted TWAIN Direct Cloud*

Application Developers

- *One interface for all devices from any manufacturer*
- *Supports modern programming languages*
- *Reduce development from weeks to days*

Scanner Owners

- *No need to search for vendor-specific drivers*
- *No need to update drivers*
- *Works with any operating system*
- *Works with mobile devices*

TWAIN Direct flavors

- TWAIN Local
- TWAIN Cloud

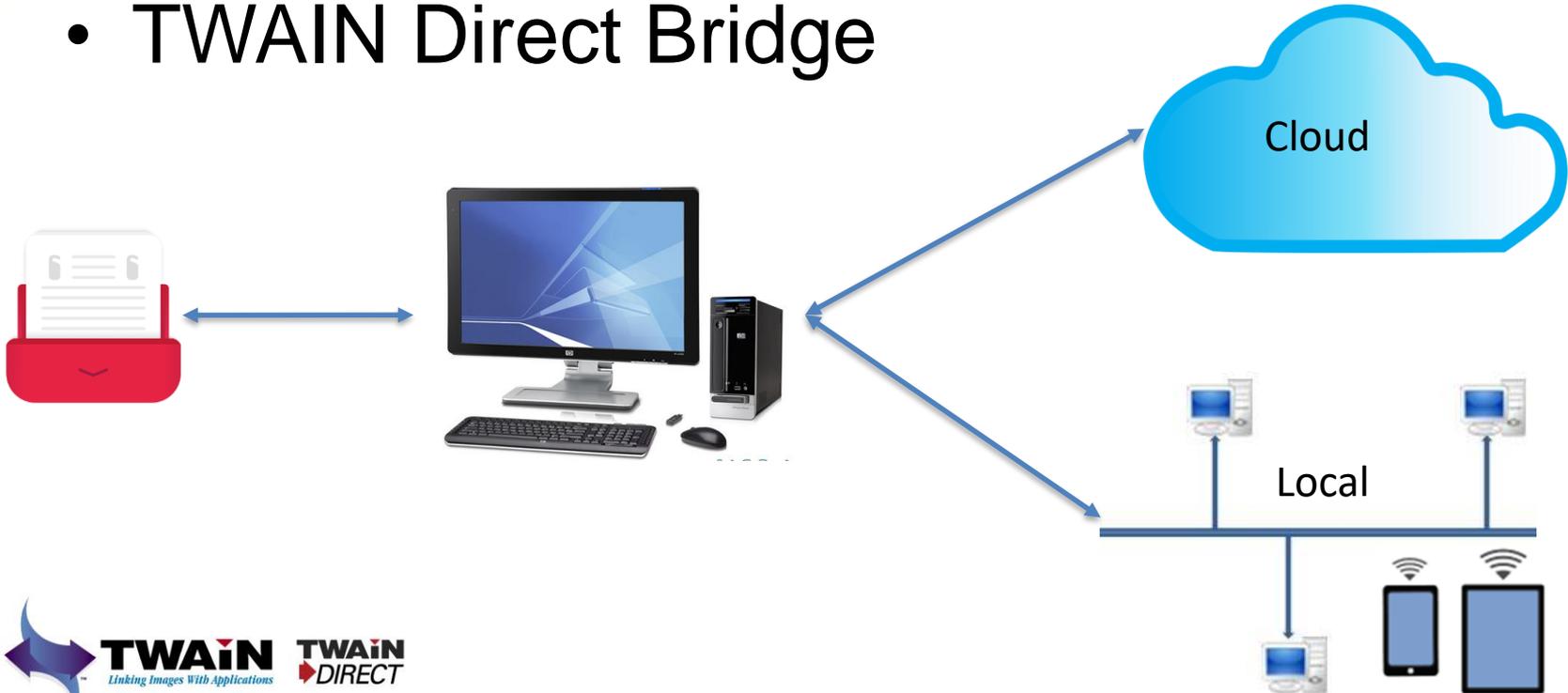


- Local Discovery with Bonjour (mDNS) & Avahi
- Direct Communication via RESTful API

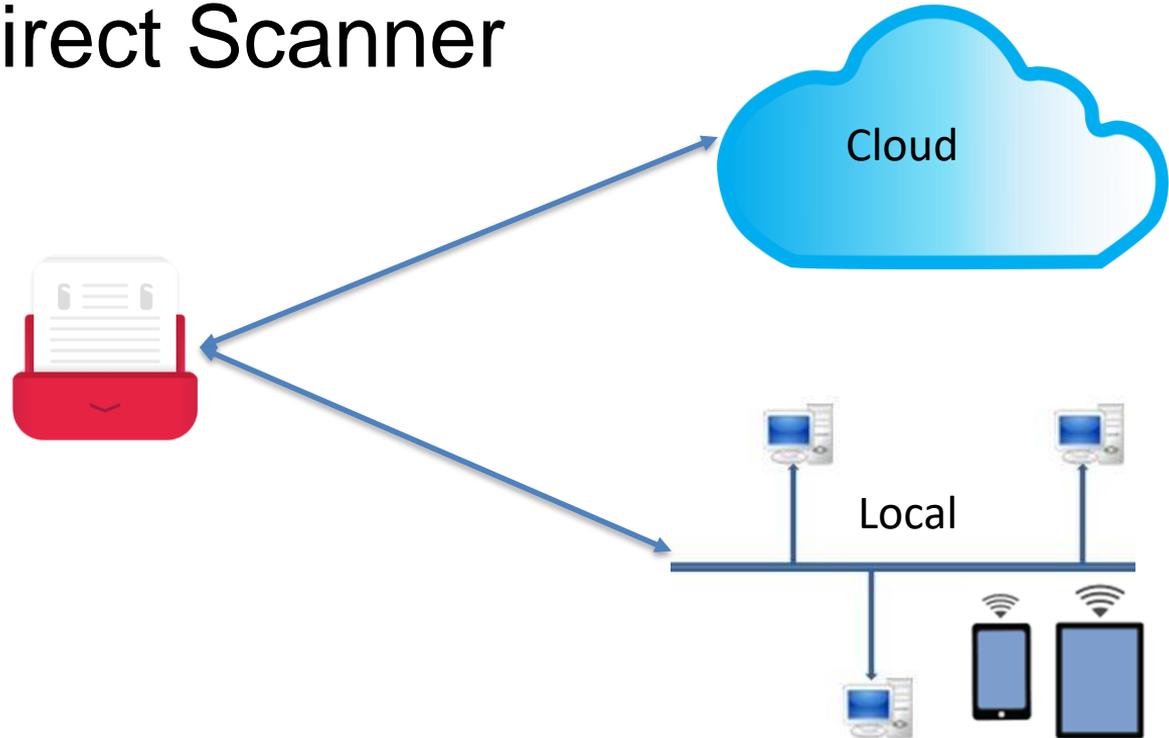
- Design extension of TWAIN Local API
- Routing through Cloud Server
- Authentication via Google & Facebook
- Open Source code

TWAIN Classic Compatibility

- TWAIN Direct Bridge



- TWAIN Direct Scanner



- SDK available to *members of TWAIN WG*
- Join and contribute!
- Talk to Erin Dempsey

For More Information...

- Visit our web sites at:

www.twain.org – www.twaindirect.org – www.pdfrafter.org

- Contact:

– Erin Dempsey at erin.dempsey@twain.org

- Stop by for a demonstration