TWAIN 2.0 Features

TWAIN 2.0 is an important upgrade to the TWAIN Specification that includes the following features:

- Full compatibility with all previous versions of TWAIN

- Available on Linux Platforms

- Available natively on 64-bit Platforms (ex: Windows XP and Windows Vista)
    o TWAIN is already available in WOW64

- New Data Source Manager (DSM), Open Source with LGPL license
    o Improved memory management system between applications and drivers
    o Provides a better way for drivers to access the DSM_Entry function
    o Older DSM's will still work with applications and drivers

- New sample Application and Driver code, both Open Source with BSD license

- New DAT_CALLBACK system allows applications to process DAT_NULL operations without requiring a message loop (the message loop is still supported)

- All capabilities using TW_BOOL now support TW_ENUMERATION, allowing them to be constrained

- Drivers can advertise support for the following new features
    o MICR
    o PDF/A
    o Automatic image rotation
    o Infrared pixel type
    o Auto sized images (snaps image dimensions to nearest supported size)

- Drivers can report new condition codes
    o Interlock error (ex: cover open)
    o Damaged corner
    o Focus error
    o Document too light or too light