Overview

The TWAIN 2.3 Specification improves clarity and removes ambiguity, making it easier for developers to write world class TWAIN applications and drivers. This version concludes a process of documentation changes that began with TWAIN 2.0:

- TWAIN.H is unified, with one header file supporting Windows, Linux and Mac OS X, bringing full support for TWAIN 2.x to Mac OS X for the first time.
- Printer functionality is significantly expanded.
- Clarification of driver startup versus driver default values, and the proper effect of the MSG_RESET and MSG_RESETALL operations.
- A new image meta-data value that a driver can report to an application.
- A section detailing the best coding practices for application and driver writers.
- Additional tests for the TWAIN Self-Certification system, and a note that TWAIN Self-Certification applications can now be registered on the TWAIN Working Group website (http://www.twain.org).
- Updates applied from the TWAIN 2.2 Errata document.

Detailed Breakdown

2.3 adds these new Capabilities:

- **CAP_PRINTERCHARROTATION**
  Rotates characters printed on documents

- **CAP_PRINTERFONTSTYLE**
  Selects characteristics of the font printed on documents (ex: bold, italic)

- **CAP_PRINTERINDEXLEADCCHAR**
  Selects the left side padding of numeric values printed on documents (ex: zero fill)

- **CAP_PRINTERINDEXMAXVALUE**
  Maximum allowed value for CAP_PRINTERINDEX

- **CAP_PRINTERINDEXNUMDIGITS**
  Total number of digits allowed in CAP_PRINTERINDEX

- **CAP_PRINTERINDEXSTEP**
  Step size when incrementing CAP_PRINTERINDEX for each document
- CAP_PRINTERINDEXTRIGGER
  Kinds of documents that cause CAP_PRINTERINDEX to increment

- CAP_PRINTERSTRINGPREVIEW
  A sample string representing the currently selected printing options

2.3 adds this new Extended Image Information item:

- TWEI_PRINTERTEXT
  Test that was printed on the document