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Touch User Interface (TUI) Technology And Its Potential Literacy Implications Published.

The article, *Digital Books with Media-rich Paper: Enhancing Reading Comprehension through Touch User Interface Technology*, is published in *The Journal of Literacy and Technology*.

Cincinnati, OH (PRWEB) October 3, 2006 – Somatic Digital announced today the coverage of the Touch User Interface (TUI) technology in *The Journal of Literacy and Technology* by Michael Seth Mott of St. Xavier University and Matthew J. Benus of Purdue University Calumet.

According to Mott and Benus, “Numerous research studies support the supplementary use of visual/video and audio adjunct elements to support students’ learning of content. Despite these improvements a major dilemma remains: How can text seamlessly intertwine with digital content? Separately packaged video, audio and computer programs fail to connect a reader immediately to digital content *during* the actual text- based reading process. One possible technological solution to this problem is Touch-User-Interface (TUI) paper-to-digital content books.

The Touch User Interface (TUI) is a convergence technology that enables the reader of normally printed materials to touch the page and retrieve digital content or launch communication applications on a computer. The TUI is an open technology for print and digital content publishing companies. It enables publishers to create interactive digital and print hybrid workbooks, texts, and supplements. The TUI currently can retrieve content and launch communication applications via a computer.

Jason E. Barkeloo the President of Somatic Digital comments that, “we intuitively know that providing a seamless experience for the reader that uses both print and digital contents is a more enriching experience. This paper from Mott and Benus helps bolster the strength of what we seem to know intuitively. We look forward to more research-based conclusions to support the multi-modal and multiple intelligence promise offered by the inexpensive TUI technology.”

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The article can be found in Volume 7, Number 2, 2006 at:
<http://www.literacyandtechnology.org/main/toc.html>

Properly designed TUI-based *TouchBooks*[™] should meet the requirements outlined in the National Instructional Materials Accessibility Standard (NIMAS) and the inclusive learning requirements of laws such as the Individuals with Disabilities Act, No Child Left Behind (NCLB) Act, and Sections 504 and 508 of the Rehabilitation Act of 1979.

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About Somatic Digital

Somatic Digital, LLC, is the developer of the Touch User Interface (TUI) technology platform known as the *TouchBook*[™]. The TUI technology connects printed-paper directly to digital content that can reside on optical media, the Internet, or hard drives as well as launch communication applications such as email, IM, and VOIP on a computer. The TUI enables a bridge over the digital divide because it eliminates barriers that previously prevented people from connecting to digital content.