# The revolution of print and our industry

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## Abstract

*The paperless office, ballyhooed as the imminent future by Business Week in 1975 has been notable largely for its non-occurrence. In fact the entire concept has been redefined as we come to recognize that, in many markets, paper is not being used less so much as it is being used differently. I will talk about the trends in paper use both in terms of volume and in applications. Paper has gone from a static repository to take on more active rolls at the on-ramp and off-ramps of the electronic web that connects us, the protection and security of our information as well as, increasingly a component of smart document systems. Through analysis of this data I will show how the technologies we are developing can and will materially change our relationship with print, information and document intensive work practices and services.*

## Biography

*Dr. Stephen P. Hoover is vice president and center manager of the Xerox Research Center Webster for Xerox Corporation. He was named to this position February 2006.*

*Hoover is responsible for the operations management of XRCW, one of the four Xerox research and technology centers around the world. In that role he is responsible for research and technology in software, solutions, imaging, cross-media technologies and marking processes and hardware that leads and supports Xerox's strategy for printing, publishing, multi-function systems, controllers, workflow and services.*

*Prior to this, Hoover was vice president of marking platforms within the Xerox Engineering Center where he led the incubation of multiple new product releases and built a strong shared competency in the incubation of both office and production platforms. Previous to that, Hoover led the development of several new marking platform architectures, the development of web services based remote service strategies and technologies , radical new technologies that integrate the technologies of imaging, controls and marking as well as a new marking systems architecture paradigm. He has been a key contributor to xerographic process development and systems engineering for the early Xerox iGen3 Production Systems prototypes, to mechatronics systems development for electronic registration and to smart media handling technologies. Prior to receiving his graduate degrees and working at Xerox, Hoover was a development & systems engineer and engineering consultant for a variety of industrial companies were he developed various software systems and mechatronic technologies and delivered those to market. He holds multiple patents across these domains and is an accomplished speaker in the areas of customer driven innovation and interdisciplinary systems solutions to challenging technical problems.*

*Hoover received his bachelor's degree from Cornell University and masters and Ph.D. degrees from Carnegie Mellon University.*