E-BOOKS: A NEW MEDIA FOR LIBRARIES

by

Gupta K. K. *
Gupta P. K. **

ABSTRACT

Production and usage of E-documents is growing at a fast phase. The article discusses various facts of the emerging area of E-books. Author has quoted various meaning of E-books from various books/articles etc. author has given information about how to read e-books, E-books reading software, where can we find E-books and how much do they cost? How to keep current on E-book? Desktops and Laptops E-book readings software, Dedicated Readings devices, Digital research libraries book awards, free E-books etc.

Information about E-books in various countries is also given. Indian authors and publishers have taken some interest in publishing E-Books. Some E-books on various subjects are cited in the article.

Original creative books, more current content, enhanced reading experiences, less storage space and easy transportation are some of the advantages mentioned by the authors in their article. E-books open up a whole new world of reading.

Keywords: E-Books

- * Jr. Tech. Assistant, Rajasthan University Library, Jaipur
- ** Dy. Librarian, Rajasthan University Library, Jaipur

0 Introduction

The world is experiencing a continuous change in the ways the society lives, communicates and so on. With rapid growth and development in the use of modern information and communication technology and the Internet, a huge potential exists in the ways the information is published and made available to the individual at home, institutions or libraries and information centers. The production and usage of e-documents is growing at a fast pace and warrants serious consideration, especially in libraries and information centers. The present article proposes to study various facts of the emerging area of e-books.

1 What's an E-Book?

Eminent story writer Stephen King was the first person who published his book in the form of an e-book. Electronic books, or e-books, are books in computer file format and read on all types of computers, including hand held devices designed specifically for reading e-books. E-Books can be as familiar as their print counterparts or as unique as the electronic medium itself, containing audio and video or live hyperlinks. E-Books can be delivered by downloading or as email file attachments. E-Books on diskette or CD-ROM are sent by postal mail or sold in bookstores.

In "its simplest level, an e-book is a book just like any other book," says Phyllis Rossiter Modeland, former editor of the e-book reader electronic magazine The Running River Reader. "It has 'cover' art, a title page, an ISBN, a copyright notice, an editor and publisher for whom it was a labour of love—and an author who wrote it because she or he had to." Electronic formatting reduces warehousing and shipping costs, removes limits on number of pages or graphics and requirements for broad audience appeal.

E-Books give writers and publishers freedom to explore small niche markets and to step outside the mould to bring readers, original creative books, unlimited by genre lines, market size or print capabilities. The e-books have great advantage.

2 Benefits

- ?? E-Books can store multiple books for the weight and space of one print book. Storing e-books on computer drives or diskettes and CD-ROMs takes up much less shelf space than print books.
- ?? Dedicated handheld reading devices weigh in starting at 17 ounces and can store up to twenty books—more if the memory is upgraded.
- ?? E-Books can update and download documents immediately. E-Books can contain the latest, most current information.
- ?? E-Books can be enhanced with live hyperlinks, sound, animation and simulation capabilities.
- ?? A simple font size change will turn e-book into a large print edition.
- ?? With e-book reading software allows bookmarks, annotations and search through the e-book.
- ?? Desktop computer users can read an e-book anytime they're at the computer.
- ?? E-Books can be moved anywhere using portable computer, PDA (personal digital assistant) or e-book reading device.
- ?? Business and recreational travelers can load e-books on their portable computers without adding weight or taking up space in their luggage.
- ?? Storage capabilities and the ability to update and download documents immediately make e-book reading devices appealing to businesses, government personnel, colleges, universities and schools. Many professionals such as doctors, lawyers and pharmacists are already using e-books and e-book reading devices.
- ?? Schools, colleges and universities hope to use e-books to get students the most current textbooks. Schools and libraries are piloting programs using e-book reading devices

and portable and desktop computers, so that students can access e-textbooks and digital libraries.

- ?? For physically challenged or sight-impaired, e-books can fill special reading needs. A simple font size change will turn e-book into a large print edition, and e-books are less tiring on the hands. Some file formats are compatible with screen reading technology. People with special reading needs have more books and magazines available to them than ever before with e-books.
- ?? Improved on-screen reading quality, portability, storage capabilities, more current content and speedy deliveries are just a few benefits of the e-books.

What can we Read?

- ?? Full length novels and texts
- ?? Annotated Editions
- ?? Short Fiction and Nonfiction
- ?? Magazines
- ?? Articles
- ?? News and Current Events

Old favorites and current releases from best-selling and well-known authors. Fresh, innovative fiction and nonfiction from up coming authors, Classics by authors and popular series of books such as:

Jane Austen The Survivalist Series
Louisa May Alcott Agile Manager Series
Mark Twain Star Trek Series

4 How To Read E-Books?

E-books can be read on desktop and laptop computers, handheld computers and personal digital assistants (PDAs), or handheld e-book reading devices, such as the REB1100 or REB1200 (from Gemstar-TV Guide International through RCA), etc.

In some formats, one can even print out a few pages or chapters to read. Desktop computer users can read an e-book anytime they're at the computer. E-books can be taken anywhere with the portable computer, PDA or e-book reading device.

5 E-Book Reading Software

E-Books come in many file formats, such as HTML, PDF, RTF, Palm OS, Windows CE, or files formatted for reading software. E-Book reading software is often available as a free download. The advantages of e-book reading software are:

- ?? Better on-screen reading quality.
- ?? Library management of books.
- ?? Book marking
- ?? Annotation

- ?? Adjustable font sizes.
- ?? Searches
- ?? Publishing software is also available to make your own files.

6 File Formats

Different types of file formats are available for reading the e-book. These different file formats require suitable software, which are as follow:

- 1. **.DOC** files are read with Microsoft Word or WordPad.
- 2. **HTML** files are read with Internet Browser software, which is pre-installed on most computers and available as a free download.
- 3. **.LIT** files are read with Microsoft Reader.
- 4. .OEB is the Open eBook Standard format.
- 5. **.PDF** files are read with Adobe's Acrobat Reader or the Glassbook Reader, both available as a free download.
- 6. **.PRC** is Palm OS compatible format.
- 7. **.RTF** is considered the "universal" file format because it works with any word processing program, PCs and Macs. To read RTF files need WordPad or a word processing software package.
- 8. .TXT files are called "Plain" ASCII text. You need Windows or DOS to read them.
- 9. **WinCE** files are for portable computers. It is used with Windows CE-based PDAs and Palm PCs.
- 10. **.WPD** files are read with Corel's Word Perfect.

7 Where can we find E-Books, and How much do they cost?

E-Books are sold from e-publisher and online bookseller sites. Downloads range from \$3 on the low end and upwards of \$24.95 on the high end. They are delivered either by download or e-mail file attachment. E-Books on diskette or CD-ROM are sold from the epublisher web sites, online booksellers, and at physical bookstores.

Some libraries are testing downloads using e-book reading devices or digital libraries (online access through the Internet).

8 How to keep current on E-Books?

Reader and bookseller web sites, book reviews, electronic magazines (e-zines), e-newsletters and best seller lists help one and all to keep up with what's available in e-books.

9 Where And How To Start?

E-Books can be read on desktop or laptop computer using Adobe's Acrobat Reader, and Internet Browser, or any of the downloadable reading software.

If one likes to start reading on the computer, without downloading software, one should look for e-books in compatible file formats. Most computers can read TXT and RTF files. PDF files need Acrobat Reader, usually pre-installed on computers. HTML files need an Internet Browser, usually pre-installed on computers.

The best places to find HTML, PDF, RTF or TXT e-books are independent e-bookseller sites, e-publisher sites, or one of the free e-book web sites.

We can find HTML and PDF books at large online booksellers in the general book section (all the e-books in the E-Book section require a reading software download or reading hardware).

10 Desktops and Laptops E-Book reading software

If one likes to download and try some of the new ebook reading software, one can find free downloads at online booksellers and reading software company web sites.

Adobe Acrobat ReaderTM (http://www.adobe.com)

Adobe's Acrobat Reader is free downloadable software that allows you to read PDF files. Acrobat Reader is widely used and it comes pre-installed on most computers, making PDF a popular e-book format.

Adobe Acrobat eBook ReaderTM (formerly Glassbook Reader)

(http://www.adobe.com/epaper/ebooks/main.html)

Glassbook Reader was recently renamed Adobe Acrobat eBook Reader. The 2.0 beta is the current version of the former Glassbook Reader.

Adobe Acrobat eBook Reader is a free downloadable software program that enables us to read PDF-based electronic books on laptop, notebook, or desktop PC. It provides easy buying and downloading of e-books at the Adobe eBook Store and other online booksellers such as BarnesandNoble.com. Features include:

- ?? Single and two-page display to match the traditional reading experience;
- ?? Integrated bookstore access and immediate download of eBooks into a personalized library;
- ?? Seamless access to web links inside eBooks; Bookmark,
- ?? Highlight, annotation, and search tools that make it easy to locate specific passages;
- ?? High-fidelity, full-color display of e-book pages;
- ?? Rotating display and controls for use on notebook computers.

Microsoft ReaderTM (http://www.microsoft.com/reader)

Microsoft released its e-book reading software, Microsoft Reader, in July 2000. It's available as a free download from the Microsoft web site and at BarnesandNoble.com.

Two versions of Microsoft Reader are available. One is for desktop and laptop computers and reads encrypted e-books, such as available at BarnesandNoble.com and Amazon.com, and unencrypted e-books.

The second version is available on Pocket PC devices manufactured by Hewlett-Packard, Casio and Compaq. It reads only unencrypted ebooks. Over 1,600 publicly available e-books are at the University of Virginia's E-Book Library.

11 PALM OS or Windows CE Computers

Palm-formatted and Windows CE-formatted e-books can be read with or without e-book reading software. Downloadable e-book reading software is available for Palm OS or Windows CE computer, as is publishing software to import files and convert them to compatible file formats.

Palm PCs with Windows CE can read Windows CE compatible ebooks, or one can use the pre-installed Pocket Word to read e-books in Word, RTF or TXT format.

AportisDoc

As DOC format got the ZD PalmPilot Software Award for Best General Utility. Also known family of applications:

- ?? AportisDoc Mobile Edition (shareware)
- ?? AportisDoc Reader (freeware)
- ?? AportisDoc PDF Converter
- ?? AportisDoc Professional (soon to be released)
- ?? MakeDoc, freeware to convert HTML and Text (.txt) files to AportisDoc format.

Express Reader Pro from Qvadis

Express Reader DX is for desktop management of your palm etext files i.e. to preview, edit and prepare e-text files for uploading to your handheld device. Converts HTML, text (.txt) and rich texture format (.rtf) files into Palm e-texts.

Express Reader GT is reading software for your handheld device.

Applications are available separately, and in freeware and professional versions.

Microsoft Reader (http://www.microsoft.com/reader)

Microsoft Reader is available on Pocket PC devices manufactured by Hewlett-Packard, Casio and Compaq. Publishing software is available at Readerworks.com (http://www.readerworks.com), and supports Word, HTML, ASCII and OeB files. Free and professional versions are available.

MobiPocket Reader (http://www.mobipocket.com)

MobiPocket Reader is reading software for Palm OS and Windows CE computers and can be used to convert e-books to compatible file formats. It supports TXT, PalmDoc (.pdb and .prc) and HTML. MobiPocket Reader features touch-screen page turning. Available as a free download, along with other free companion software.

Memoware.com (http://www.memoware.com)

Memoware.com has a large selection of software to convert e-books for Palm OS and Windows CE computers and has software for other types of PDAs.

Palm Digital Media (http://www.peanutpress.com)

(formerly peanutpress.com)

Palm Digital Media publishes books in Palm OS and WinCE format, plus has Palm Reader, e-book reading software and Peanut MakeBook publishing software available as free downloads.

Palm Reader is reading software for the Palm family of PDAs and is installed with a HotSync operation. It enables searches, bookmarking, and annotating of Palm-formatted e-books. It can change the screen orientation and toggle between two fonts.

TealPoint Software (http://www.tealpoint.com)

It is a large family of software for Palm OS devices including TealDoc reading software, publishing software and multimedia software. The TealDoc Library includes technical, sports and general documents.

Franklin eBookMan

The Franklin eBookMan multimedia device includes an eBook reader, music player and personal digital assistant. You can purchase eBookMan at Staples, Amazon.com, and other retailers nationwide.

The three eBookMan models -- EBM-900 (8MB), EBM-901 (8MB with backlit display) and EBM-911 (16MB with backlit display) -- feature large 240x200 pixel LCDs that display 87% more information than today's most popular handheld. Users can adjust the font size or switch the display to landscape mode for easy reading.

12 Dedicated reading devices

E-book reading devices are designed specifically for reading books and emulate the print book experience. Screens are backlit and usually about the size of a large paperback book. The devices use page- turning systems rather than scrolling, and use touch screen technology for searching, book marking, highlighting, annotating and font size changes.

It can store approximately twenty books, and more if memory is higher. Dedicated e-book reading devices need specific file formats. Only a phone line is needed to download e-books from their e-book store.

The REB1100 and REB 1200 are two such handheld devices designed specifically for reading books and emulate the print book experience. These are available at Best Buy, Circuit City and OfficeMax. You can find more information on the REBs and purchase them at the RCA web site, (http://www.rca.com).

13 Digital Research Libraries

Access to digital libraries is direct from the Internet or through your library's web site (if available). Publishers have thousands of titles converted to electronic format and ready for access, and it's estimated hundreds of thousands will be available in the next few years. One can find nonfiction books, journals, periodicals, annuals, maps and other research materials on a wide variety of topics.

Full text search and retrieval of copyrighted material is a giant step forward for information quality on the Internet. Digital research libraries help realize the full potential of the information access and availability on the Internet.

Bartleby.com (http://www.bartleby.com) is a comprehensive, searchable database of reference, verse and classic literature, summaries of each book, and author biographies, having enhanced navigational tools and extensive cross-referencing. No access fee is charged.

Ebrary.com (http://www.ebrary.com) is an authoritative research library and information resource. It is a powerful InfoTool to perform searches and provide definitions, translations, biographies and more. No access fee is charged.

NetLibrary (http://www.netlibrary.com) is a comprehensive collection of electronic books. It provides full-text searches of single or multiple e-books. Online checkout is limited to one patron per book. Printing and copying is limited to one page, enforced electronically.

QUESTIA (http://www.questia.com) is a site for searchable books and journals most needed by college students. It does not include textbooks. It offers ability to view, copy and paste text from any page of a book. Monthly subscription fee is charged. Footnotes and bibliographies are hyperlinked to books and journals.

Versaware (http://www.versaware.com) it enhances books with the electronic medium, bringing them to life with video, sound and other special effects. Special attention is given to preserving the book's original presentation.

You can also take related books and connect them into a new Versabook edition. For example, related passages in different books can be hyperlinked, making them easier to find.

E-Book Sellers

Adobe eBook Store

(http://bookstore.glassbook.com/store/default.asp)

Carries a large selection of PDF-based e-books delivered by download.

Amazon.com (http://www.amazon.com)

Carries downloadable e-books in their E-Book section and e-books on CD-ROM and diskette in the general book section.

BarnesandNoble.com (http://www.bn.com)

Carries downloadable e-books in their E-Book section. CD-ROM and diskette e-books available in the general book section.

Borders.com (http://www.borders.com)

Booklocker.com (http://www.booklocker.com)

Nonfiction and fiction e-books available by download, email attachment or on CD-ROM.

The BookShelf (http://www.txbookshelf.com)

CD-ROMs and diskettes are sold in their physical bookstore and from their web site. Visit The BookShelf at 902 W. Pioneer Pkwy., Ste. 103, Grand Prairie, Texas 75051. Phone: 972-660-1346.

CyberRead (http://www.cyberread.com)

Offers customers an easy to use bookstore with instant download digital books, forums, e-book club, public domain classics, and links for information on e-book news and technology.

e-Book -Studio (https://www.e-book-studio.com/index.shtml)

Readers will find an assortment e-books from Mystic-Ink authors, self-published authors, and authors associated with publishing partners of the Mystic-Ink Community. Available through digital delivery and a secure payment system.

M-Pro Bookstore (http://www.m-pro.demon.co.uk/)

Fiction and nonfiction e-books.

Palm Digital Media (http://www.peanutpress.com)

Featuring a large number of Palm OS and Windows CE e-books from traditional and independent publishers.

Powells.com (http://www.powells.com)

"The largest new and used bookstore," carries a large selection of Rocket Editions.

Word Wrangler (http://www.wordwrangler.com)

Fiction and nonfiction e-books.

14 E-Book Awards

The International e-book Awards Foundation (IeBAF)

sponsors awards to be presented annually for several categories, including a Grand Prize of \$50,000 each for the best-published fiction and nonfiction e-books.

The Eppies (http://www.epicauthors.org)

Given by Electronically Published Internet Connection (EPIC, http://www.epicauthors.org) to the best electronic books in numerous genre categories.

Independent E-Book Awards (http://www.e-book-awards.com)

The Independent e-book

Awards are designed to recognize and reward talent in electronic books, hypertext and digital storytelling from authors with independent publisher and self-published authors. The awards provide extensive national media campaigns and promotional events to highlight outstanding work in the field of electronic literature. A complete listing of the winners and finalists for the above awards is at e-book connections. (http://www.ebookconections.com)

Free E-Books

The Internet is a treasure chest full of free e-books, mostly public domain literature. These books have been transcribed from their original text and are presented in various file formats. Check out these classic literature sites:

Project Gutenberg (http://www.gutenberg.net/)

An effort to digitalize public domain books into a universal format known as E-text (.TXT files).

E-text is designed to make the public domain books available in just about any software on any computer in the world.

University of Virginia's E-Book Library

http://etext.lib.virginia.edu/ebooks/ebooklist.html

1,600 publicly-available e-books in AportisDoc format, including classic British and American fiction, major authors, children's literature, the Bible, Shakespeare, American history, African-American documents, and much more. Multiple e-book formats.

Hypertexts, from Virginia University

(http://xroads.virginia.edu/~HYPER/hypertex.html)

Ongoing hypertext projects in classic literature from noted authors such as D.H. Lawrence, Herman Melville, Edgar Allan Poe, Harriet Beecher Stowe, Henry David Thoreau and Mark Twain.

15 E-Books in Other Countries

AUSTRALIA

Plastizine (http://plastizine.com)

Zeus Publications (http://www.zeuspublications.com)

CANADA

LTDBooks (http://www.ltdbooks.com)

Orpheus Romance (http://www.orpheusromance.com)

France

Enssib (http://www.enssib.fr/bibliotheque/dossthem/ebkint.html)

Links to industry leaders, as well as to press stories and technical papers.

The Liberation (http://www.liberation.fr/ebook/)

The newspaper's extensive online tech coverage includes a section dedicated to e-books.

ZaZieWeb (http://www.zazieweb.com/)

The link "I Annuaire des sites" on the first line of the home page takes you to archived links that include online publishers and e-books, as well as links to print publishing.

Germany

eBookNet.de (http://www.ebooknet.de)

E-Book Know-How: Hardware, Software, Content.

U.K.

Crowsnest Books (http://www.crowsnestbooks.com)

M-Pro Bookstore (http://www.m-pro.demon.co.uk/)

Online Originals (http://www.onlineoriginals.com)

In 1998 they became the first e-publisher to have an e-book nominated for the Booker Award, a top literary award in Great Britain.

Project Gutenberg (US also) (http://www.gutenberg.net/) Virtual Volumes (http://virtualvolumes.com)

INDIA

Indian authors and publishers have taken some interest in publishing e-books. Some e-books on various subjects are cited as:

Krishnamurthy, Kavita. Destination relate.www.kidosnovel.com

Interview: Anita Desai

The fact that India is full of laughter; even in a family like Uma's there's room for humor. Magda Costa is a book reviewer and e-publisher.

http://www.umiacs.umd.edu/users/sawweb/sawnet/books/desai_interview.html

Computers Today, September 16-30, 2000; Tech Trends; Old and New. Recently tied-up with Indian infotech firm NIIT to the steady popularity of E-books http://www.india-today.com/ctoday/20000916/trends.html

Export-Import Bank of India - Declares Annual Results for 2000-2001. http://www.eximbankindia.com/program.html

Khoj, business, companies, finance, funds, rating agencies, publications, banks, primary issues, Indian tax, laws, management & Net : India's first e-zine for Entrepreneurs http://www.khoj.com/business/companies/finance/

Indira Gandhi National Open University (IGNOU) has published its course materials as A/V CD-ROM. Students can purchase these materials-like print materials.

Bharat Sanchar Nigam, (Rajasthan circle) published the Jaipur Telephone Directory-2001 on CD-ROM for common use.

Rajasthaninfoline>Business & Economy>Companies>Infotec Solutions: Engaged in CD-ROM Publications, exclusively on subjects of Indian Tourism and Exports ... A leading Internet and E-commerce solutions provider ... http://www.rajasthaninfoline.com/be/com/info.htm

Webdunia.com India's first Hindi portal is totally made for Hindi speaking persons. It provides free e-mail service in all Indian languages and information can be extracted in Hindi.

Leading Indian News Papers are published electronically, namely:

The Times of India (www.timesofindia.com),

The Hindu (www.hinduonline.com),

The Hindustan Times (www.hindustantimes.com),

Rajasthan Patrika (www.rajasthanpatrikaonline.com) Hindi newspaper,

Dainik Jagran (www.jagran.com) Hindi newspaper,

Net Dainik (www.hindi.netjaal.com) it is a first India's multilingual online newspaper,

The Financial Express (www.financialexpress.com),

The Economic Times (www.economictimes.com),

The Capital Market (www.capitalmarket.com), etc.

It may be emphasized that publication of e-books on commercial line has gained much momentum. Today common man extensively uses audio and video CDs for listening the music, viewing cartoon films, feature films, video games and is much more familiar with them. At the school level very good tutorials are available online on various subjects and also on CD-ROM. Indian universities and colleges are using the offline databases on various subjects and providing information to the students.

No matter what type of books you like, the advantages of ebooks are clear: original creative books, more current content, enhanced reading experiences, less storage space and easy transportation. Whether one reads e-books on a computer or on a reading device, e-books open up a whole new world of reading.

16 Selective reading

- 1. CANTENAZZI (NADIE) and FORBES (GIBB). Publishing process: the hyper book approach. Journal of Information Science. 21,3; 1995. p 161-172.
- 2. COX (RICHARD J). Taking sides on the future of the Book. American Libraries. 28,2; Feb.1997. p 52-57.
- 3. GUEDON (J). Research library and electronic scholarly journal: Challenges or opportunities. Serial Librarian. 26, 3-4; 1995. p 1-20.
- 4. JALAL (SAMIR KUMAR). Electronic book: A kind of digital resource. In creation and management of digital resources: Papers presented at the Eighth National Convention for Automation of Libraries in Education and Research Institutes (CALIBER-201), Pune. March 15-16, 2001. p 24-31
- 5. LENNIE (FRANCES S). E-books, e-publishing, e-indexes, e-etc. Indexer 22,2; oct.2000. p 84-85.
- 6. The 3rd annual electronic book, workshop, entitled changing the fundamentals of reading was held in Washington D C, 25-27 Sept.2000.
- 7. Towards a new era of paperless publishing. Hindu. 4 Nov. 1999. p 27a.
- 8. E-Novel of Kavita Krishnamurthy. Dainik Bhaskar .5 Nov. 2001. p 17.