



## Professional Data Conversion Services for Institutes for Blind and Visually Impaired

Vishal Information Technologies Limited is an ISO 9001:2008 certified Digital Content Management Solutions Company, listed in the Indian and Luxemburg Stock Exchanges, with market capitalization of USD 145 million, specializing in Data Conversion and e-Publishing, with unique expertise in Data Conversion Services for Institutes for the Blind and Visually Impaired. We work with the RNIB-Royal National Institute for Blind People (United Kingdom) and through their referral, with CNIB-Canadian National Institute for the Blind.

As you are aware, RNIB publishes books and materials especially for use of the blind or visually impaired. They publish material in Braille for the blind and in Audio format for common use. They also publish Large Print Books and other publications for the visually impaired. All these three outputs are in formats which bear no co-relation to each other. It was time consuming and expensive process to convert one form of data to the other. RNIB therefore required printed books to be converted to a common format to facilitate output in Large Print, Braille and Audio Book, as per their specifications.

We suggested a solution of producing a common XML file using a custom made DTD (Document Type Definition) which was immediately accepted. The XML files so created can be converted any format such as Audio Book, Braille Book, or Large Print Book with minimal or no change required to the XML code.

We have been successfully delivering XML files to cater to all the needs of RNIB for over three years and have being providing the same services to CNIB for nearly two years now.

### Digital Library Solution for RNIB:

Vishal converts popular reading material, such as books to a readable electronic format, uploads the same to a Digital Library and catalogues the contents, which can be downloaded by the end user, a blind or visually impaired person registered with the RNIB to read/ refer at leisure. Our Digital Library Solution provides navigation of the Digital Library through a browser for normal/ regular readers, as well as the blind and visually impaired.

A normal reader can browse the Digital Library using regular browsers like Internet Explorer or Mozilla Firefox, surf the contents of the Digital Library and carry out all transactions as conducted in conventional library. For the visually impaired, Vishal has built special functions which are embedded within regular browsers, which facilitate the visually challenged to increase the font size of the web page being viewed whilst keeping the format intact, thus needing no horizontal scrolling. A blind person can navigate a web page by means of voice instructions. They can use voice instructions to download, save, read at will, stop, go back or go forward; go to the page where stopped and so on. Entire contents can be put on audio for the blind to hear through our Text to Speech utility.

We will be glad to work with you on similar lines, based on your specific needs and requirements. Please get in touch with us at [pranav@vishalinfotech.com](mailto:pranav@vishalinfotech.com), fax us on +912228573413 or call us on +912228578240/42. We will be happy to do a pilot project free of cost.

We ask you to please visit our website [www.vishalinfotech.com](http://www.vishalinfotech.com) for a closer look at our services and case studies.

