



KritiKal to design Refreshable Braille Displays

Noida, Wednesday, 18 June, 2014: In association with IIT Delhi and Phoenix Medical Systems, KritiKal Solutions has been chosen by the accessibility group at Wellcome Trust (UK) to design and develop an affordable refreshable braille display based on shape memory actuation. The display has to meet strict cost and performance guidelines in order to be affordable for the visually impaired in India.

For the visually impaired to be able to access digital content Refreshable Braille Cells or RBCs are critical. Devices using RBCs, due to their high cost till now, have no penetration in the developing countries and even in developed countries have a small market. IIT Delhi has developed RBCs based on shape memory alloy (SMA wires) that can potentially reduce the costs by a tenth or even more. KritiKal Solutions will be prototyping the display systems based on these cells for functional validity and user trials.

About Wellcome Trust

The Wellcome Trust is an independent global charitable foundation dedicated to improving health. The Trust employs over 500 staff in various departments. It was founded in the year 1936 by Sir Henry Wellcome. Today the Wellcome Trust is a champion of science, funding research and influencing health policy across the globe.

About KritiKal Solutions

KritiKal Solutions is a leading full product development life-cycle services provider with deep domain know-how and technology expertise. We consistently go beyond our clients' expectations by bringing together technology, talent, innovation, and the highest quality standards to deliver amazing products. KritiKal's customers benefit from the right mix of technology skills, industry and domain knowledge, defined processes and methodologies, and a choice of engagement models. Our strong linkages with the country's premier technical institutions like Indian Institute of Technology, Delhi, enable us to create industry-defining products and accelerate time-to-market. We offer international delivery capabilities through our delivery centres in India.