



eduSensus Case Study

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The origins: originally based on intuition, designed for speech therapists and combined with the educational needs communicated from the market the product grew from a few original applications to a versatile and comprehensive family of software supported by specially designed hardware and traditional materials.

The adaptation and adjustment to the needs of the market was a result of the response of the users: the educational needs were far greater than we anticipated. The product effected the therapy process, established new trends and eventually created new standards in speech therapy. As it turned out children born after 1993 did not know a world without a computer, so learning without it seemed out of their world.

The methodology behind the success: a natural environment for children, drawing the therapists closer. The ontogenetic development of natural language combined with certain therapy methods and approach to learning a second language, adjusted to the digital environment and enriched in ways that were not possible with traditional materials.

The problems encountered: technological advancement, voice calibrators, sound recording. Graphics and animations' perception by the physically impaired children. Computer skills of the users. Basic computer skills needed to be taught. A scanning option. Colours of letters and their background to help dyslexic children to read. Seasons were used as therapy tool.

Various usage: the product was used by the developmentally impaired children and as a developmental enhancement by children without any impairments. Due to its design it could be personalized to any needs. Therapy and learning became fun and engaging.

The natural approach and environment allowed it to be used for teaching foreign languages.

The success: the product received numerous awards. 100% Pedagogical and Psychological Centres in Poland use eduSensus.

The future and development: as a result of market demand additional modules are added to speech and language pathology. New ideas for therapy enhancement. 'Dyslexia', 'Gifted & Talented' and 'School Readiness' - enhancement and assessment.

Conclusions:

Technology gives us an amazing opportunity to recreate natural environment – the one that humans have always learnt in and benefited the most from. When the generation of digital natives gets to the decision making positions there will be no questioning or hesitation about implementing all the technology into education. But the digital immigrants have this unique opportunity to combine the knowledge gained through traditional learning, including the values, the pace, the relevance and the quality, and transfer some of it (hopefully the best parts) into the digital world. That is why it is so important not to concentrate on technology environments and tools only but to lay the grounds for new learning. Grounds that will be acceptable by the new generation. We should use the new technology to achieve what we now realize we have been lacking: personalization, attention to special needs,



natural approach to learning and reduction of the administrative burden. New technology environments will give it all a proper shape and will enable the reach towards the digital natives. Because they will not accept any other form.