Say Yes to Electronic Paper for Digital Signage

Written by Bob Snyder
12. 01. 2015

How about a Build-Your-Own-Sign using **electronic paper** technology?

Based on "every digital sign is different," the new **Visionect** Platform provides hardware and software building blocks any customer needs to tailor electronic paper signage exactly to their individual needs.

Luka Birsa, Visionect CTO, argues "Electronic paper's high-readability and low power consumption make it ideal not only for e-books, but also for use in digital signs – which can now come in any size and are no longer limited to the dimensions of electronic paper displays available on the market. New hardware and software from Visionect make it possible to build a custom digital sign by combining multiple EPDs or electronic paper displays into larger screens for the first time, ushering in a new era of digital signage."

"Take any electronic paper display, implement your platform, and your digital signage solution is ready to be used - it's that easy," says the CTO.

The Visionect electronic paper platform can drive multiple electronic paper displays at once, with the high-readability of printed text perfectly adapting to environments "where glaring, energy consuming and heavily wired LCDs just can't do the job."

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Based on almost a decade of research and three years of experience with running electronic paper displays 24/7 in demanding conditions, such as hot Australian roads and cold Alpine winters, Visionect engineers developed a brand new hardware board created specifically for digital signage. The board has Wi-Fi and 3G connectivity and localization features (GPS), and, most importantly, has **the ability of connecting various sizes of electronic paper displays and even multiple displays to a single electronic board**   .

Supporting the new hardware is a complete overhaul of the software for driving electronic paper displays. Now written in **Go**, the server software features a more user-friendly interface, making monitoring and managing displays easier, on desktop or mobile. Adapted to use in digital signage, the software is suitable for large scale deployments and enables the handling of multiple display units connected to a single board.

Visionect's CEO Matej Zalar explains, "By introducing these new building blocks onto the market, a new generation of digital signage is born. Based on highly-readable electronic paper, the Visionect platform enables the easy creation of custom-made digital signage solutions. Any electronic paper display in combination with our hardware and software can result in a sign that is self-sustainable and performs outstandingly in numerous environments."

One thing for sure: the new platform sets a trend for a 100% self-sustainable signage solution that can be mounted without wires and which significantly decreases the total cost of ownership.

Go **Visionect's E-Paper Digital Signage Platform**