

Executive Summary

State of the Art, Gaps and Recommendations to the International Standardization Work

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Even if there are more than hundred standard organizations worldwide involved in FPD standards, there is still a lack of standards in the flat panel displays industry. Despite the large number of organizations claiming to have display-related standards, there are actually very few such standards. Most applications are without display-related standards like automotive, digital still cameras, video cameras... Even broadly accepted standards face conflicting guidelines – NTSC vs. PAL vs. SECAM... Emerging technologies are generally without standards, LCD has a few standards; PDP, LCOS etc., are almost without standards.

“If there were no standards, we would soon notice.” Standards make an enormous contribution to most aspects of our lives - although very often, that contribution is invisible.

In general: Standards are considered to provide an agreed basis for communication of technical data (on a national and international level), definitions of mechanical, electrical, data and other interfaces (“... to make things fitting ...”), definitions of terminology, letter symbols, measurement and evaluation methods, etc. and thus to make possible an understanding between communicating parties in industry, commerce and daily life.

The adria report on Standardization Awareness looks at the state of the art and gaps of international standardization work and gives recommendations for improvements. Insights in the benefits of standards are given along with examples for existing FPD standards.

European companies should be much more involved in the processes of the creation of international FPD standards and attend the classic standard meetings in Asia (in Japan, Korea, Taiwan). A stronger European voice/ input into the development of international FPD Standards is welcome.