NEC Display Solutions, Ltd.

In April 2007, the projector business of NEC Viewtechnology, Ltd. was merged with the desktop and largescreen LCD businesses of NEC Display Solutions, Ltd. to form a total display solutions company – the new NEC Display Solutions, Ltd.

Operating on a global scope, the company is developing the very latest in display technology that delivers standards of image quality, performance, functionality and, of course, ease of use that meet application requirements and stand up to challenging environments in every imaginable display scene. Applying this technology, the company is then providing a broad portfolio of cutting-edge display equipment and offering customers total solutions for their display-related equipment needs.

Corporate Philosophy

"Satisfy and move customers with high-quality display solutions!" Inspired by this corporate philosophy, NEC Display Solutions, Ltd. has set its sights on becoming the leading company in the market of visual systems - one of the key IT platforms to support the human interface in the coming Ubiquitous Society.

Business Domains

Focused on these business domains, the company is confidently moving forward and preparing for the market of tomorrow (See Fig.).

1) Business & Education

For simple and effective usage of projectors and displays in offices, conference rooms and classrooms, NEC Display Solutions offers a rich and varied lineup featuring diverse functionality. For every customer, NEC has a display solution that precisely meets their needs.

2) Public Display

Satisfying the expanding demand and expectations for flat panel displays in public display applications, the visual systems of NEC Display Solutions not only boast high resolution and superlative image quality, but also come equipped all functions necessary to satisfy the requirements of various applications and challenging operational environments in the commercial world.

3) Professional

From the medical and surveillance fields to the uncompromising realms of graphics and CAD/CAM applications, NEC Display Solutions answers the needs of professionals with models with advanced visual technology for the most demanding applications. Boasting state-of-the-art optical technology and digital processing technology, the impressive lineup of large-screen projectors for lecture halls and auditoriums let users experience the power of the next generation of visual systems today.

4) Digital Cinema

As Japan's sole licensee of DLP Cinema® technology,

NEC Display Solutions is paving the way for an exciting era of digital cinema with a complete line of products tailored to the needs of the market.

Advanced Visual System Technology

The diverse technologies developed by NEC Display Solutions deliver the outstanding image quality, userfriendly interface and other features that make these visual systems a benchmark for the industry.

Projectors

1) Using aspheric mirrors instead of a lens system, NEC's originally developed mirror projection technology system realizes high-precision large-screen projection with an ultra-short focal distance.

2) Integrated LAN functions open up new possibilities and convenience for various presentations.

3) When using multiple projectors for throwing a vertical column or horizontal row of multi-images, the innovative "edge rendering" function reduces the annoying border between images, stitching a seamless visual canvas.

4) Cooling technology answers the increasing problem of heat generation that has accompanied the demand for higher brightness in more compact designs.

5) New high-vision IP (de-interlacing) conversion function reproduces HDTV images with remarkable clarity and vividness.

Displays

1) Color calibration function ensures superb color reproduction fidelity.

2) Automatic compensation functions compensate for unevenness in brightness, color and gamma for uniformity of image quality across the screen area.

3) 12-bit LUT (Look-up Table) and gamma compensation function enables extremely precise gamma correction.

4) Long cable correction function prevents signal degradation when the display is remotely connected from the source.

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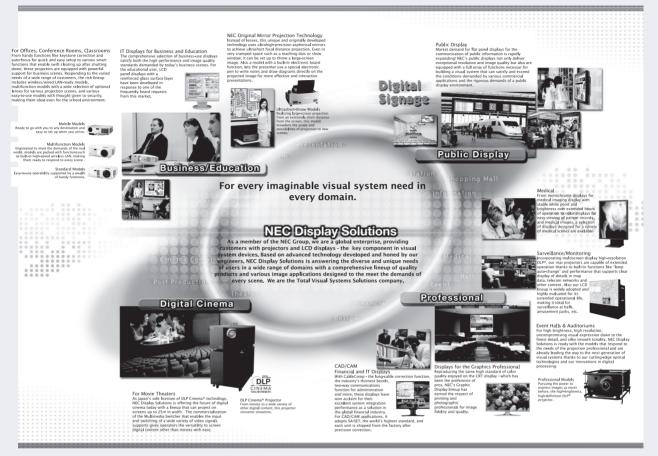


Fig. Business domain of NEC Display Solutions

5) Other unique functions include the Tile Matrix function (a powerful integrated tiling solution for building a high-resolution video wall matrix of multiple screens) and TileComp (picture optimization for multi-screen applications featuring optical variation compensation "frameless" video wall simulation.)

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