

# Corporate Profile

## NEC Display Solutions, Ltd.

In April 2007, the projector business of NEC Viewtechnology, Ltd. was merged with the desktop and large-screen 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, user-friendly 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.

**For Offices, Conference Rooms, Classrooms**  
From handy functions like keystone correction and autofocus for quick and easy setup to various smart functions that enable swift clearing up after shutting down, these projectors are equipped with powerful support for business scenes. Responding to the varied needs of a wide range of customers, the rich lineup includes wireless/wired LAN-ready models, multifunction models with a wide selection of optional lenses for various projection scenes, and various easy-to-use models with thought given to security, making them ideal even for the school environment.

**IT Displays for Business and Education**  
The comprehensive selection of business-use displays satisfies both the high performance and image quality standards demanded by today's business scenes. For the educational user, LCD panel displays with a reinforced glass surface layer have been developed in response to one of the frequently heard requests from this market.

**NEC Original Mirror Projection Technology**  
Instead of lenses, this unique and originally developed technology uses ultrahigh-precision spherical mirrors to achieve ultrashort focal distance projection. Even in very cramped spaces such as a teaching desk or show window, it can be set up to throw a large-screen image. Also, a model with a built-in electronic board function, lets the presenter use a special electronic pen to write notes and draw diagrams directly on the projected image for more effective and interactive presentations.

**Ultrashort-throw Models**  
Realizing long-screen projection from an extremely short distance from the screen, this model broadens the scope and possibilities of projection to new scenes.

**Digital Signage**  
Public Display  
Market demand for flat panel displays for the communication of public information is rapidly expanding! NEC's public displays not only deliver exceptional resolution and image quality but also are equipped with a full array of functions necessary for building a visual system that can satisfy and exceed the conditions demanded by various commercial applications and the rigorous demands of a public display environment.

**Business/Education**  
Station Shopping Mall  
Information  
Medical  
Surveillance/Monitoring  
Event Halls & Auditoriums  
Professional  
CAD/CAM  
Financial and IT Displays  
Digital Cinema  
Theater  
Design

**Mobile Models**  
Ready to go with you to any destination and easy to set up when you arrive.

**Multifunction Models**  
Engineered to meet the demands of the real world, models are packed with functions such as built-in high-speed wireless LAN, making them ready to respond to every scene.

**Standard Models**  
Easy-to-use operability supported by a wealth of handy functions.

**For every imaginable visual system need in every domain.**

**NEC Display Solutions**  
As a member of the NEC Group, we are a global enterprise, providing customers with projectors and LCD displays – the key component in visual system devices. Based on advanced technology developed and honed by our engineers, NEC Display Solutions is answering the diverse and unique needs of users in a wide range of domains with a comprehensive lineup of quality products and various image applications designed to meet the demands of every scene. We are the Total Visual Systems Solutions company.

**For Movie Theaters**  
As Japan's sole licensee of DLP Cinema® technology, NEC Display Solutions is offering the future of digital cinema today with a lineup that can project on screens up to 25m in width. The commercialization of the Multimedia Switcher that enables the input and switching of a wide variety of video signals supports gives operators the versatility to screen digital content other than movies with ease.

**DLP Cinema® Projector**  
From movies to a wide variety of other digital content, this projector reinvents showtime.

**Medical**  
From monochrome displays for medical imaging displays with stable white point and brightness over extended hours of operation to color-displays for easy viewing of patient records and medical images, a selection of displays designed for a variety of medical scenes are available.

**Surveillance/Monitoring**  
Incorporating multiscreen display high-resolution DLP™, our rear projectors are capable of extended operation thanks to built-in functions like "lamp auto-change" and performance that supports clear display of details in map data, telecom networks and other content. Also our LCD lineup is widely adopted and highly evaluated for its extended operational life, making it ideal for surveillance at halls, amusement parks, etc.

**Event Halls & Auditoriums**  
For high brightness, high resolution, uncompromising visual expression down to the finest detail, and silky smooth tonality, NEC Display Solutions is ready with the models that respond to the needs of the projection professional and are already leading the way to the next generation of visual systems thanks to our cutting-edge optical technologies and our innovations in digital processing.

**Professional Models**  
Pursuing the power to express images as never before, the high-brightness, high-definition DLP® projector.

**Digital Cinema**  
Theater  
Design  
Financial  
Professional  
CAD/CAM  
Financial and IT Displays  
With CalcComp – the keystone correction function, the industry's thinnest bezel, two-way communications function for administration and more, these displays have won acclaim for their excellent system integration performance as a solution in the global financial industry. For CAD/CAM applications, it adopts SA-SET, the world's highest standard, and each unit is shipped from the factory after precision correction.

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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