



RETROFIT SOLUTIONS

Upgrade Your Old DMS to LED

As a specialist of LED and Fiberoptic DMS for more than 20 years, SESA proposes to retrofit your old DMS into a state of the art LED DMS.

Component upgrade includes:

- ✓ **Electronic:** Replacement of display boards, power supplies, light sensors and associated wires with new LED technology components
- ✓ **Controller:** Replacement of old DMS controller with a new LED controller
- ✓ **Mechanical:** SESA can help maintain your housing by checking the critical aspects which often need replacement: door gaskets, front face....

Benefits of SESA retrofit:

Upgrading your old DMS to an LED DMS using SESA Messenger 6000 Technology will yield numerous benefits:

- ✓ **Innovative and reliable LED technology**
- ✓ **Reduce maintenance time and cost**
- ✓ **Extend the life cycle of the sign**
- ✓ **Lower power consumption**
- ✓ **Better luminosity for improved visibility and legibility**
- ✓ **Much more affordable than installing a new sign**

SESA method:

SESA qualified engineers will perform the following tasks:

- ✓ Estimate of the sign conditions with the client
- ✓ Site survey if necessary
- ✓ Factory configuration and tests of LED parts
- ✓ Site installation, wiring, cabling without removal of the sign. All work is done in place
- ✓ Site tests
- ✓ Training



RETROFIT SOLUTIONS

Benefits of SESA Messenger 6000 technology:

Intelligent display boards:

- Latest LED technology: Surface Mounted LEDs
- No extra or separate driver boards eliminates useless connections
- LEDs only driven at 70% of their rated current to extend their life
- Diagnostic features located directly on display boards include Fault indicator, Test button and Diagnostic port.

Innovative SCU6 Controller:

- NTCIP 1203 compliant
- Management of faulty pixels and power supply failure message
- Local Control using a color screen
- Maintenance diagnosis and tests can be done from SCU6 screen
- Choice of communication port: Ethernet, RS-232, RS-485, USB ports
- Built-in Input and Outputs
- Temperature range: from -29° to +165° F
- Direct connection to back-up battery without the use of external devices

NEMA standards:

- All requirements of NEMA TS4 are met or exceeded for all DMS components and controller.

Environment:

- The only DMS in the industry to comply with RoHS (Restriction of Hazardous Substances).

As with all SESA products, SESA Services are available:

- Maintenance contract
- Spare parts
- Technical support regardless of sign's age
- Customer support via toll free number (800-252-6220)

For more information, Please contact SESA:



90 Douglas Pike,

Smithfield, RI 02917

Phone: 401-232-3370

Fax : 401-232-7130

www.sesamerica.com

e-mail : sales@sesamerica.com