



## Transit Information Display System

### ECLIPSX™-Failover

#### Resume Normal Operation Effortlessly

ECLIPSX-Failover allows the ECLIPSX system to transfer functionality to a standby server in the event of a critical failure on the primary server. ECLIPSX-Failover can be used independently or can be used with ECLIPSX-Monitor, which monitors the health and status of modules in the system.

#### Threshold and Restart Options

Each ECLIPSX module is configurable with threshold and restart options that provide a failover only in the event of a critical failure.

System modules are configured to failover when failure criteria are exceeded, mitigating unnecessary failovers occurring from intermittent problems.

During failover:

- the ECLIPSX system DDCs detect a failure of the primary server and redirect their requests for display pages to a secondary server,
- the hot-standby server immediately takes over,
- ECLIPSX-Failover notifies the appropriate personnel of the failover event

In the event of a failure of the primary server, ECLIPSX clients are logged out and are redirected to the secondary server.

#### High Availability

Through:

- database replication and system redundancy
- continuous monitoring and notification of failover events
- application module and database failover to a secondary server

the **ECLIPSX-Failover** module can give you peace of mind, allowing for a true 24 x 7 high availability Information Display System.

## Data Consistency

Data redundancy is provided by replicating changes between the primary ECLIPSX server and a secondary server, ensuring data consistency between the databases in the event of a failover.

## Recovery

System recovery is also supported and is facilitated through a recovery assistant built into the ECLIPSX-Failover module. After the problems that triggered the failure have been resolved, this tool recovers the data back to the primary server, stops the modules running on the secondary server, and restarts them on the primary to restore normal operations.

## Versatile Information Display Products

The ECLIPSX product family has been designed to respond to your changing needs with flexibility and ease. Com-Net offers integrated solutions for information display, seamless connection to other systems, reporting, advertising scheduling and tracking, Web integration and wireless access.

**Contact your Com-Net representative today to see how ECLIPSX can work for you.**



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