







## Features

## Benefits

Mirrors file changes with remote journaling — the fastest, most reliable data replication engine available

Reduces or eliminates the risk of data loss in the event of a system failure

Adapts easily to all replication environments: single-system via LPAR, one to one, many-to-one, one-to many, multi-directional, or clustered

Echo<sup>2</sup> has the flexibility to adapt as your systems change and grow, protecting your investment

A fully clustered-design solution — not just a cluster-enabled 'retrofit'

Provides extensive HA automation benefits for all installations — whether using clustering or not

Automatically detects and resynchronizes out-of-sync conditions *without* interruption of the replication process

Operators are freed to attend to other IT priorities

Key information is displayed on intuitive, easy-to-use replication monitor screens

System monitoring requires only an hour or less per day vs. 25+ hours a week with most other HA systems

Automates much of system 'switchover' process ('rollover')

Faster, less error-prone switchovers mean less downtime

Echo<sup>2</sup> is installed without causing downtime, and in just a few hours can be configured and begin mirroring

Saves thousands of dollars in installation costs and prevented downtime

Continuously mirrors objects that are moved, or libraries that are renamed; also monitors for new objects and automatically synchronizes them to the Backup node

Eliminates potential out-of-sync conditions and lost objects, which translates to smoother switchovers and less exposure to data loss

Costs less than 50% of most other HA solutions, which also means far less expense for annual maintenance; total savings with Echo<sup>2</sup> can easily exceed \$200,000

See a rapid return-on-investment while getting the most powerful and robust high availability solution on the market

Can mirror data between systems that are running on different levels of the OS/400 operating system

Eliminates downtime for operating system upgrades

Replicates program objects, data areas, data queues, IFS, user profiles, spool files, and more in real-time

All objects necessary to a smooth switchover are kept updated on the backup node(s)

## You might be amazed at what downtime could really cost your company

Take the average sales lost during an hour of system downtime



Add the total hourly wage (including benefits) of all employees that are idle during an hour of system downtime



Now multiply this figure by the estimated number of hours of system downtime during a year, and then multiply the result by 2 in order to take into account the cost of lost repeat business from your lost customers, your lost reputation, and your lost productivity

