

## VIRTUAL INFRASTRUCTURE CASE STUDY

### ASPEN REGIONAL HEALTH AUTHORITY



#### KEY BENEFITS

#### CHALLENGE

- Provide a reliable, always ready solution to protect the corporate payroll system from disaster.

#### SOLUTION

- j VMware Virtual Infrastructure 3's flexibility allows al-ways-on DR and Test and Development environments .

#### ACRODEX AT WORK

- Implemented DR system.
- Defined process for failover and fallback of DR system .
- Payroll and IT Support staff training.

#### DEPLOYMENT ENVIRONMENT

- ESX Server 3.5 running on a Dell PowerEdge 2900, Dual Quad-core processor, 4 GB RAM.
- Guest systems created using VMware's P2V Converter.

#### Aspen Regional Health Authority

Aspen Regional Health Authority serves more than 175,000 residents in 118 communities. Aspen supports 20 Healthcare Centers and 29 Community Health Service offices, and employs more than 3,800 professional and support staff.

Aspen recognizes the value and importance of having an up to date, workable Business Continuance Plan. During its most re-cent BCP "refreshing" initiative, Aspen engaged Acrodex to provide a new solution for protecting the employee payroll system from unforeseen disaster. A secondary system, based on VMware's Virtual Infrastructure 3 was implemented at a remote Aspen site.

A mirror image of the production system was used to create a secondary DR system, which is always on and ready for use should a disaster be declared. Leveraging the power of virtualization, a test and development environment was also created for the payroll system.

#### Results

A virtual copy of the production payroll system was created to meet the requirements of the BCP, which meets and exceeds audit requirements. The process for implementing the BCP system in the event of a disaster has been defined and documented, and staff have been trained in its use.

A test environment has also been created on the virtual platform, allowing Aspen to verify software upgrades and patches before applying them to the production system.