



*How to Leverage your GIS
Application to Reduce
Operational Costs*

Estes Park, Colorado

How has DCP Midstream Used GIS to Reduced Cost Over the Last 4 Years?

- Reduced time spent:
 - Locating pipe lines
 - Handling One Call tickets
 - On regulatory reporting
 - Gathering maintenance data
 - Meeting new regulatory requirements

A night sky filled with stars, with a range of snow-capped mountains visible in the lower portion of the frame. The mountains are dark with white snow patches, and the sky is a deep blue with numerous white stars of varying sizes.

How did DCP Manage to Create
These Projects in the Last 4 Years?

Qualities of a Creative User Group

- Brought together often to communicate
 - Used weekly conference calls to deal with geography
- Open to discuss ideas without “criticism”
 - Deal with issues, not company politics
- Diverse skill sets bring out diverse ideas
- Created open environment
 - Everyone in the group is an “equal”, from the Director on down

Qualities of a Creative Project Manager

- Open to change
- Believes in what is being requested
- Gathers a first-hand knowledge of the issue/business
- Looks for projects that result in a savings to the company
 - It makes it easier to believe in what is being asked for

How to Get Input from the GIS User Community?

- Build a creative environment
- Deal with budgeting processes and constraints
- Idea gathering process
- Prioritization
- Executive sponsorship
- Review feedback

Setting Priorities for the Company

- All companies have a limited amount of funding
- Understanding available funding is important
- Understanding the company goals over the next year is critical in getting the project prioritized
- Larger projects tend to fall off the list quicker than several smaller project
 - Phasing a project can be critical in the prioritization process

Regulatory Requirements

- Several new regulatory requirements have been mandated over the last 4 years
- The focus on all of these new requirements:
 - Meet the requirements
 - Little to no increase in operational costs

Sponsorship

- The sponsorship has always been available
- Sponsors were part of the design process
- Sponsors were very knowledgeable about the projects
- Sponsors were able to see the benefits to the organization

Funding

- Funding was available due to favorable market conditions
- Project size was kept small with multiple phases
 - Smaller project tended to be funded more easily
- Most projects require extensive presentation before Management approval was obtained

Phased Projects

- All of the GIS projects were done in phases
- Phased projects tended to get future phases approved due to benefits identified in the original phase

In summary, it took numerous individuals to accomplish all the projects that DCP Midstream has done to date. No one person can take credit for these efforts.