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Arizona Corporation Commission

- Regulates essential utility services in the state of Arizona
- Established by Article 15 of the Arizona Constitution
- 5 Elected Member Commission serving a staggered four-year term
Utility Oversight
Strategic Plan and Director’s Vision

• Maintain Geospatial Utility Boundaries
• Better Serve Customers in Arizona
“What regulated utilities are available at my address?”
Who are the intended users?

- Executive Consultants/ACC Staff (internal)
- Relators/Bank-Lending (external)
- Attorneys/Paralegals (external)
- AZ Residents (external)
What Technology is Appropriate?

- Esri
- SQL Server
- HTML 5, JavaScript
- Browsers – IE, Firefox, Chrome, & Safari
- Mobile devices including phones & tablets
PROJECT PLAN

Arizona Corporation Commission
Geographic Information Systems Web-Based GIS Map Viewer

November, 2013

AZCCMAPS.COM

How to add a new Utility to the system

Utilities cannot be created within the AZCCMAPS website and must be provided by AZCC. The following describes the workflow.

Step 1: AZCC provides DTS with AddUtility data
Utilities are stored in a SQL database table within AZCC. A query has been developed by Comsol for use of AZCC to extract relevant utility data from a specified year. This query is not included in the final report. Query results are included in the following text, which is provided by Comsol.

AZCC will provide an Excel script using query results that conforms to the table schema provided.

Step 2: DTS inserts new utility into system

DTS looks at the site information and deploys the “down for maintenance” page while the following work is completed.

The insert script that was provided by AZCC (in step 1) is updated by DTS to point to the UtilityProviders table in the spatial database.
meet
with users
design workflow
<table>
<thead>
<tr>
<th>Priority</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Build login screen</td>
</tr>
<tr>
<td>2</td>
<td>Print preview</td>
</tr>
<tr>
<td>3</td>
<td>User management</td>
</tr>
<tr>
<td>4</td>
<td>Format graphics</td>
</tr>
<tr>
<td>5</td>
<td>Align text</td>
</tr>
<tr>
<td>6</td>
<td>Save files</td>
</tr>
<tr>
<td>7</td>
<td>Simple queries</td>
</tr>
<tr>
<td>8</td>
<td>Edit graphics</td>
</tr>
<tr>
<td>9</td>
<td>Undo last action</td>
</tr>
<tr>
<td>10</td>
<td>Add quick effects</td>
</tr>
</tbody>
</table>

**Date:** February 8, 2008

- Create the backlog
design the interfaces
Wire-Frames

Search Address

Default configuration

You may enter a Street Address, a Township, a Range, a Section or a Utility name.

Street Address

Street address

Township, Range, Section

Utility Provider Name

Clicking a search section title area expands that section while collapsing all other sections.

As user types address, auto-complete suggestions will be made.
This will utilize a Esri's geolocation services.

TRS Search

You may enter a Street Address, a Township, a Range, a Section or a Utility name.

Street Address

Township, Range, Section

T: 41N  R: 16W  S: 01

Utility Provider Name

Utility provider name

As user types township, auto-complete suggestions will be made. Subsequent inputs will also be filtered and auto-complete enabled.

This will utilize a backend API that has access to all relevant TRS data.

Utility Provider Search

You may enter a Street Address, a Township, a Range, a Section or a Utility name.

Street Address

Township, Range, Section

Utility Provider Name

Utility provider name

As user types utility provider name, auto-complete suggestions will be made.
This will utilize a backend API that has access to all providers.
Mock-Ups
Log in.

Use a local account to log in.

User name

Password

Remember me?

Log in I forgot my password. Don't have an account? Register.
Sprint 0
code.code.code.code.
code.code.code.
high quality
tested
complete
done.
release early
release often
receive feedback
inspect and adapt
looking into the future
Lessons Learned
questions?
Thank you.

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