



# MPS Partners

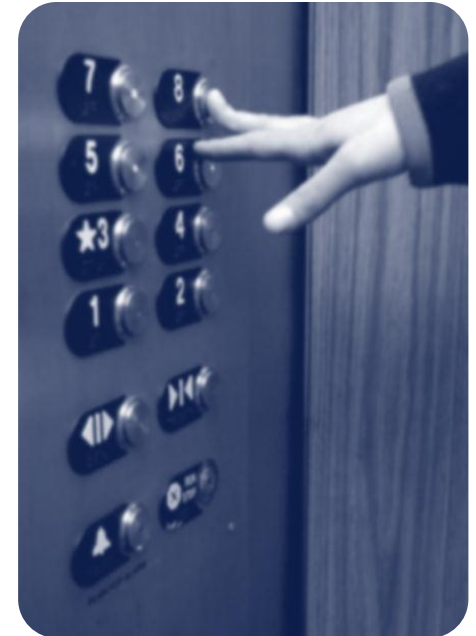
## Azure Learning Series

### Examining a Real-world Windows Phone Solution Powered by Windows Azure



[www.mpspartners.com](http://www.mpspartners.com)

- MPS Partners is a Microsoft Gold Certified Managed Partner with deep expertise in defining and deploying solutions based on Microsoft technology
- We focus in a few key areas:
  - ◆ Collaboration and enterprise content management
  - ◆ Business Intelligence
  - ◆ Integration of the Microsoft toolset with diverse technology landscapes and the cloud
  - ◆ We are especially known for having this expertise within accounts that run SAP
  - ◆ We can help develop your strategy around key Microsoft technologies



## Issue

- ▶ 15m disabled drivers in United States
- ▶ 700k in Illinois
- ▶ Delaware just passed it into law (largely based on veterans input)
- ▶ 300 gas stations sold

## Challenge

- ▶ The issue is that people with disabilities need to know which gas stations are running fuel call.
- ▶ They need to know the hours of operations
- ▶ The need to know what other service can be provided

The cliff notes;

- The 1990 ADA (American Disabilities Act) see link <http://www.ada.gov/gasserve.htm>) outlined requirements for gas stations to server people with disabilities with door to door service.
- The company fuel call - <http://triblocal.com/skokie/community/stories/2011/05/fuelcall-delivers-convenience-for-drivers-with-disabilities/> provides a platform for gas stations to be notified by people disabilities that they need assistance when they arrive at the pump. (**See *Wallstreet journal article below***).



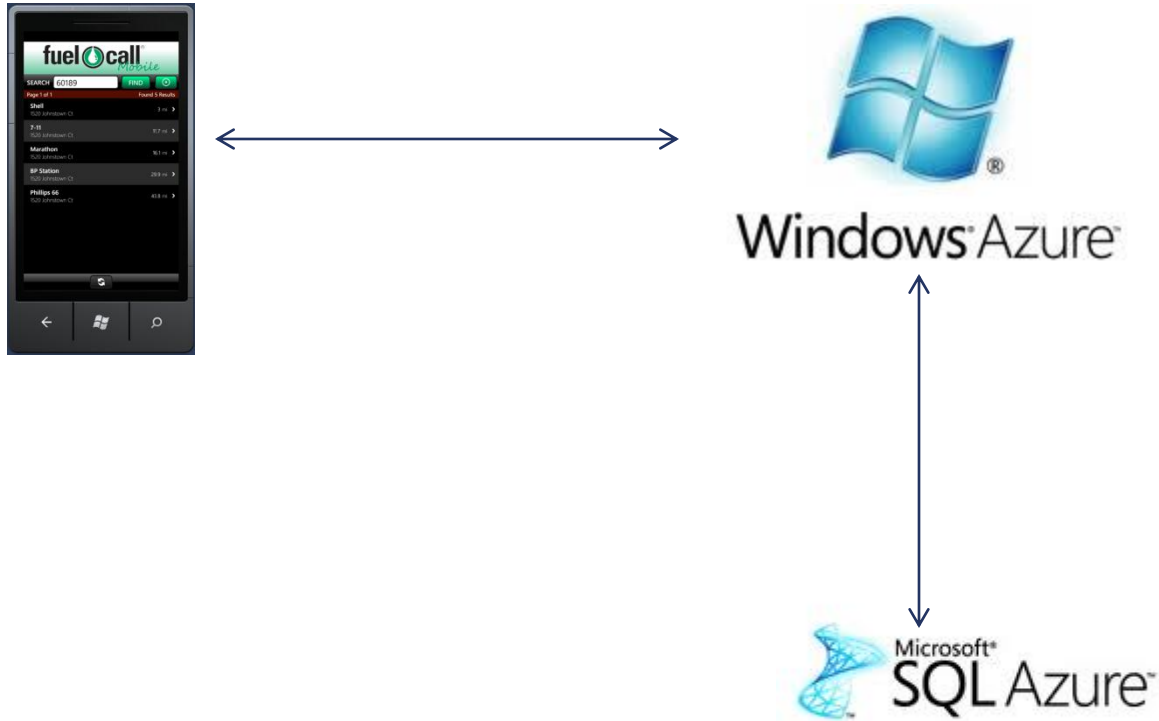








- Startup costs were very low
  - ▶ No data center investment required
- Development was rapid
  - ▶ Web component was MVC which made form development quick
  - ▶ Used Bing to help with the mapping capabilities
  - ▶ Service integration was pretty straight forward using proven WCF technologies.



## FuelCall™ Gas Station System

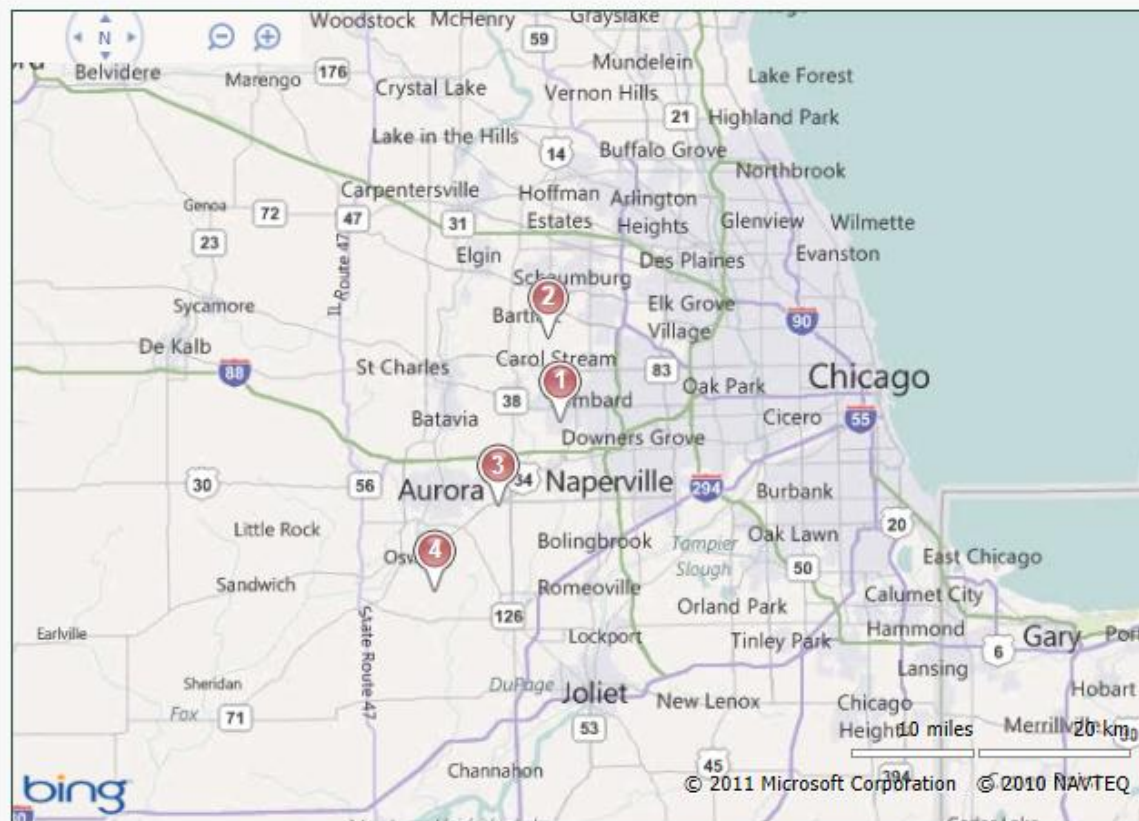
Ensuring Refueling Assistance at the **Pump**

Search

Radius

50 miles

FIND



## Nearby Service Locations

5 results found

**1 Shell** (2.9 miles)  
1520 Johnstown Ct, Wheaton, IL  
(123) 123-1234  
M-F/Sat Noon - 2pm, Sun 1pm-2pm  
[Directions](#) | [More Info](#)

**2 7-11** (10.8 miles)  
1520 Johnstown Ct, Wheaton, IL  
(123) 123-1234  
M-F/Sat Noon - 2pm, Sun 1pm-2pm  
[Directions](#) | [More Info](#)

**3 Marathon** (16.5 miles)  
1520 Johnstown Ct, Wheaton, IL  
(123) 123-1234  
M-F/Sat Noon - 2pm, Sun 1pm-2pm  
[Directions](#) | [More Info](#)

**4 BP Station** (30.4 miles)  
1520 Johnstown Ct, Wheaton, IL  
(123) 123-1234  
M-F/Sat Noon - 2pm, Sun 1pm-2pm  
[Directions](#) | [More Info](#)

NEXT

## Filter Locations

Name

City

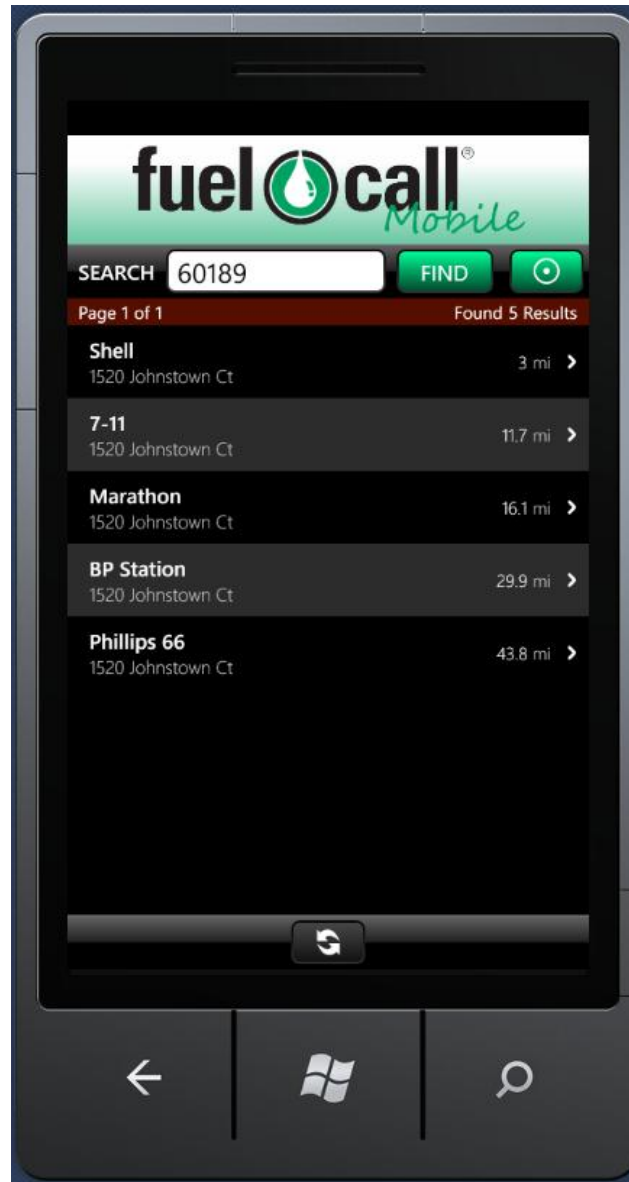
State

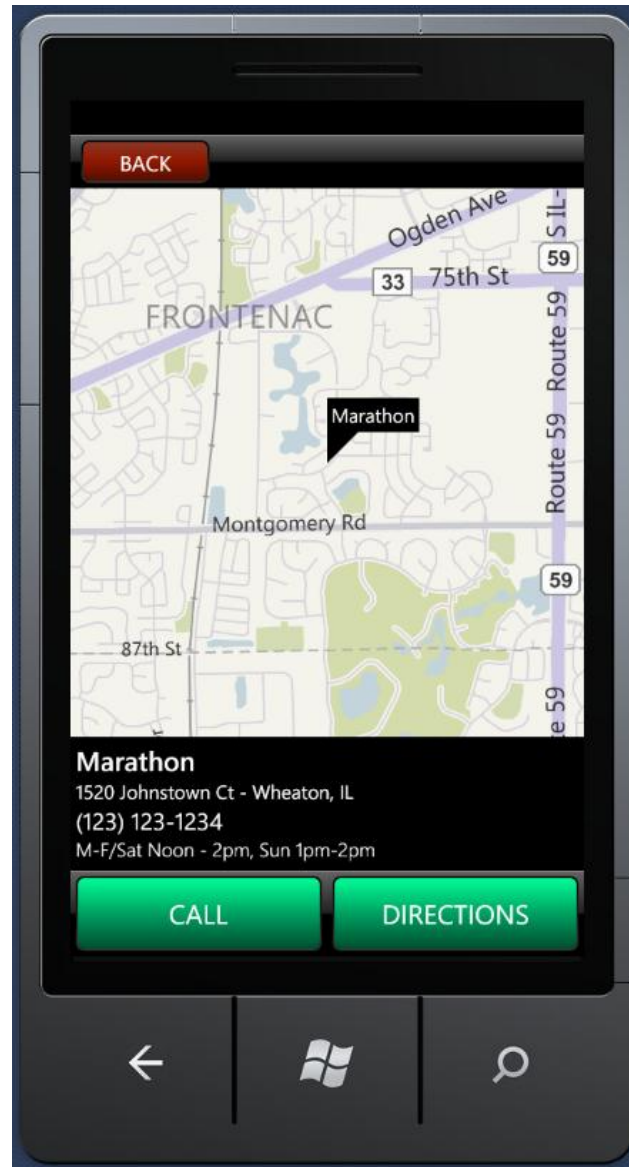
[FILTER](#)

[CLEAR](#)

[Create New](#) | [Upload CSV](#)

Name	Address	Phone	Hours	
7-11	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
BP Station	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Exxon	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Hess	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Hy-Vee	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Marathon	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Phillips 66	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Royal Farms	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Shell	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>
Sunoco	1520 Johnstown Ct Wheaton, IL 60189	(123) 123-1234	M-F/Sat Noon - 2pm, Sun 1pm-2pm	<a href="#">Edit</a>   <a href="#">Delete</a>





- Because of geolocation services, need to have privacy policy displayed and settings to disable
- Error handling is thoroughly tested
- Settings page must have name of app and contact information
- App will be rejected once one thing found, they will not give a list.

- **Contact me**
  - ▶ [chris.kabat@mpspartners.com](mailto:chris.kabat@mpspartners.com)
  
- **Windows Azure Platform Training Kit**
  
- **Common Prerequisites**
  - ▶ [Microsoft .NET Framework 4.0](#)
  - ▶ [Visual Studio 2010](#)
  - ▶ [Windows Powershell](#)
  - ▶ [Microsoft Internet Information Server 7](#)
  - ▶ [ASP.NET MVC 3](#)
  
- **Windows Azure SDKs & Tools**
  - ▶ [Windows Azure Tools for Microsoft Visual Studio 1.6](#)  
[Windows Azure Libraries for .NET 1.6](#)