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- Integrated with ESRI Business Analyst.
- Uses ArcGIS & Proxix technology.
- Depends on ESRI-BIS demographic data.
- Customer household files from AccuData America<sup>™</sup>.



#### **SITE SUCCESS FACTORS** SPECIFIC SITE **"OPTIMUM"** LOCAL MARKET MANAGEMENT LOCATION AREA SITUATION

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#### **SITE SPECIFIC FACTORS**

- Factors specific to the site itself.
- Visibility.
- Accessibility.
- Access Barriers.
- Store Size/Gross Leasable Area (GLA).
- Appearance.



## **SITUATION FACTORS**

Site's location relative to the surrounding area.

- Average Daily Traffic.
- Competitors.
- Physical Barriers.
- Socio-Economic Barriers.
- Ethnic Barriers.
- Traffic Generators .



# **MARKET AREA FACTORS**

Characteristics of the surrounding market area

- Total Population.
- Total Households.
- Income Factors.
- Age/Sex Structure.
- Race/Ethnicity.
- Family Structure.



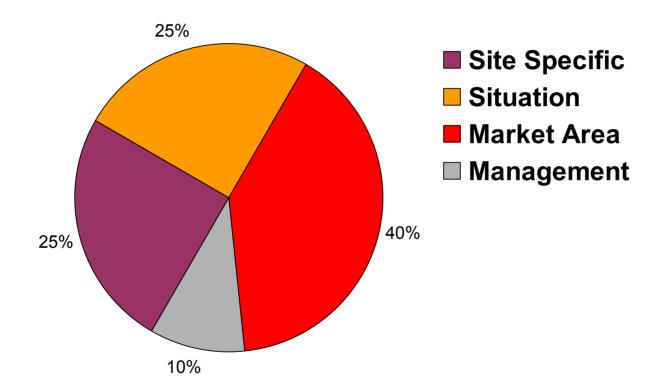
#### LOCAL MANAGEMENT FACTORS

#### Skills & experience of local managers.

- Experience.
- Training.
- Management "Intangibles".



#### **SITE SUCCESS FACTORS**





#### **Site Characteristics**

STORE ID: 000 Address:		City: State: Accessibility	ZIP:
Main 1 Visibility O Very good O Good O Average Main 2 O Very good O Good O Average		Main 1 Very good O Good O Average O Main 2 Very good O Good O Average O	
Cross 1 C Very good • Good • Average Cross 2 C Very good • Good • Average		Cross 1 Very good O Good O Average O Cross 2 Very good O Good O Average O	]
Barrier Effect	<ul> <li>Location Type</li> <li>Urban Core</li> <li>Urban Freeway Off-Ra</li> <li>Suburban Arterial</li> <li>Isolatd Suburban</li> <li>Urban Edge Freeway</li> <li>Small Town Main Drag</li> <li>Small Town Edge</li> <li>Rural Freeway</li> <li>Mall</li> </ul>	amp	In/Out Outbound Neither Inbound Driveup capacity: Inside Order Stations Inside Seats: Outside Seats:
ix Solutions, Inc.		9	ргох

#### **Site Characteristics**

Generators							
School/College	-Hospital -	Office Complex ·	-Movie Theater -	Mall/Shop	ping רק Sports Com. ך	-Other 1	1,500 Store Sq Ft:
0	Θo	O 0	⊙ o	Θo	00	00	30,000 Pad Sq Ft:
O 1	01	⊙ 1	O 1	01	O 1		
O 2	02	O 2	O 2	02	O 2	0 2	Location Verified? —————
03	Оз	О 3	О 3	Оз	С з	O 3	🗖 Yes
04	O 4	O 4	O 4	04	C 4	04	Notes
0.5	05	O 5	O 5	05	05	05	This location is a straight shot from the Ontario International
06	06	O 6	O 6	0.6	C 6	06	Airport and is very near Ontario Mills.
07	07	O 7	07	07	07	07	1.1113.
08	08	O 8	08	08	C 8	08	
09	09	O 9	09	09	• 9	• 9	
- Appearance		-Nearby Bldgs —	Business Comp	atibility <sub>7</sub>	Store Type		
④ 4 High	○ 4	High	C 4 High		<ul> <li>Inline w/drive the</li> </ul>	hru	C Very Good
Оз	03		O 3		C Inline wo/dirve	thru	C Good
C 2 Average C 2 Average		O 2 Average		C Freestanding w	/drive thru	C Average	
O 1	O 1 O 1		⊙ 1		C Freestanding w	o/drive thru	C Poor
C 0 Poor C 0 Poor		O 0 Poor		C Co-Brand		O Very Poor	
					C Other		O What a Dump!

#### GETTING HOUSEHOLD LEVEL CUSTOMER DATA

- Data Warehouse
- Store Intercepts
- Register-to-win
- Web-based register-to-win
- Frequent-purchaser card
- Debit card
- All we need is a <u>sample!</u>



- Unique approach to site location.
- Combines:
  - Robust customer profiling
  - Purchase probability.
- Based on the lowest level of geography.
  - Individual household.

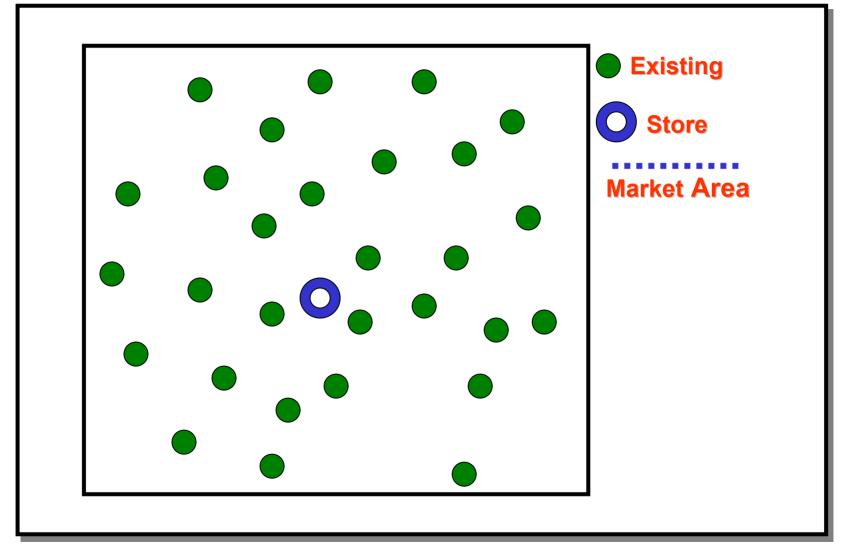


- Household level of analysis provides:
  - A comprehensive and rigorous profile of existing customers.
  - Comparisons of actual vs. expected market areas and sales.
  - Instant sales forecast for any new location.
  - On-the-fly market area optimization and calibration.

- Existing customers geocoded.
- Provides locational information:
  - Distance to nearest store;
  - "Neighborhood" characteristics;
  - Weather and climate;
  - Regional "attitudes".
- Data only available via GIS.



# **Existing Customers**

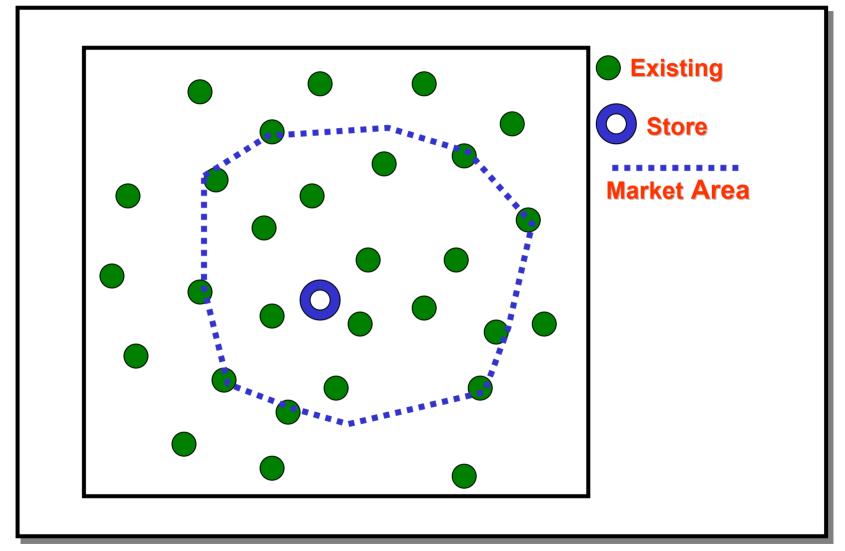




- Primary Market Area (PMA) generated around each store.
- Percent of customers or sales.
- True measure of:
  - Size of market area.
  - Shape of market area.



# **Existing Customers**





- Existing customers matched against AccuData<sup>™</sup> database
- More than 170 million households.
- Appends key demographic, socioeconomic, and "lifestyle" information to each record.



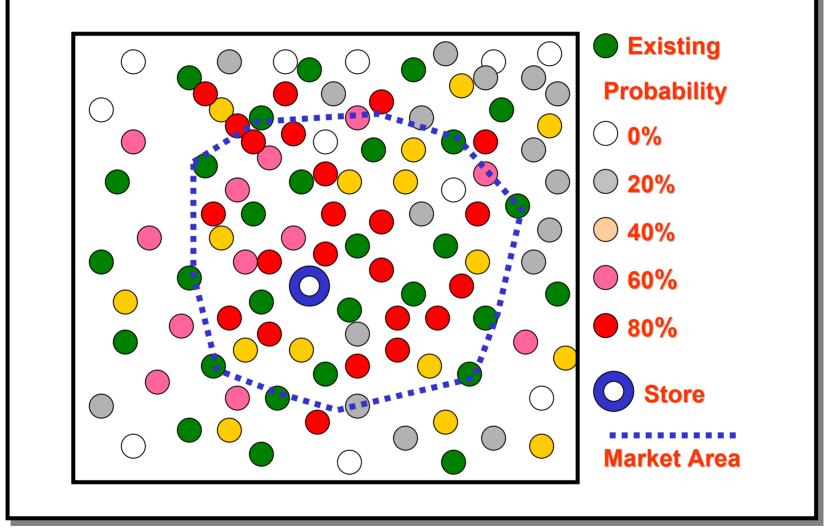
- Missing data appended to each customer record using latest demographic estimates at the block group level.
- Existing customers segmented and analyzed.
  - SPSS analytic tools.
  - Creates accurate predictive profiles.



- Profiles matched to non-customer households.
- Each household is assigned a "probability of purchase".
- Based on:
  - Demographics.
  - Geographics (location/distance to existing stores, etc.).



#### **Profiled Customers**





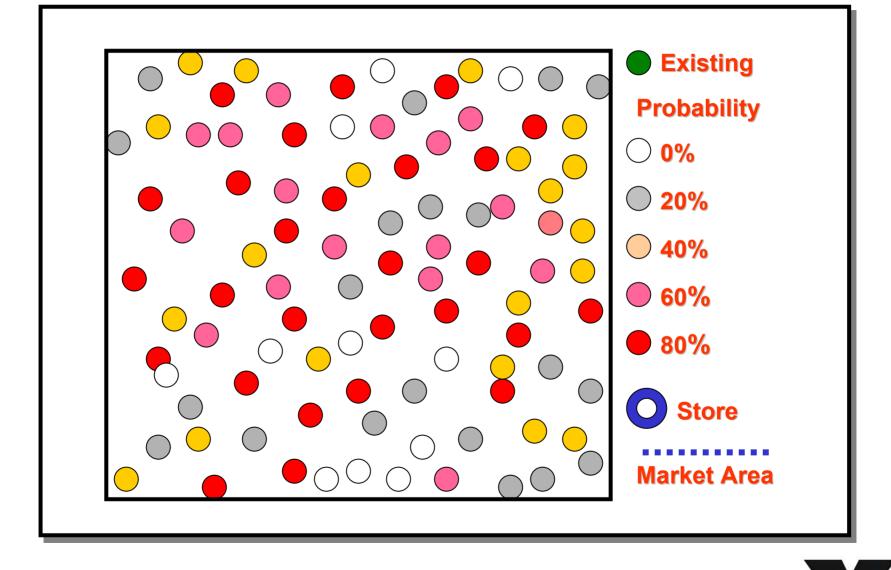
- Total household points for block groups adjusted to meet census projections
- Sum of points for any geography will match census population and household numbers.



- All households given probability to purchase score.
- Distance to store not used beyond a cutoff distance.
- Probabilities rescored for proposed locations.



#### **New Market**



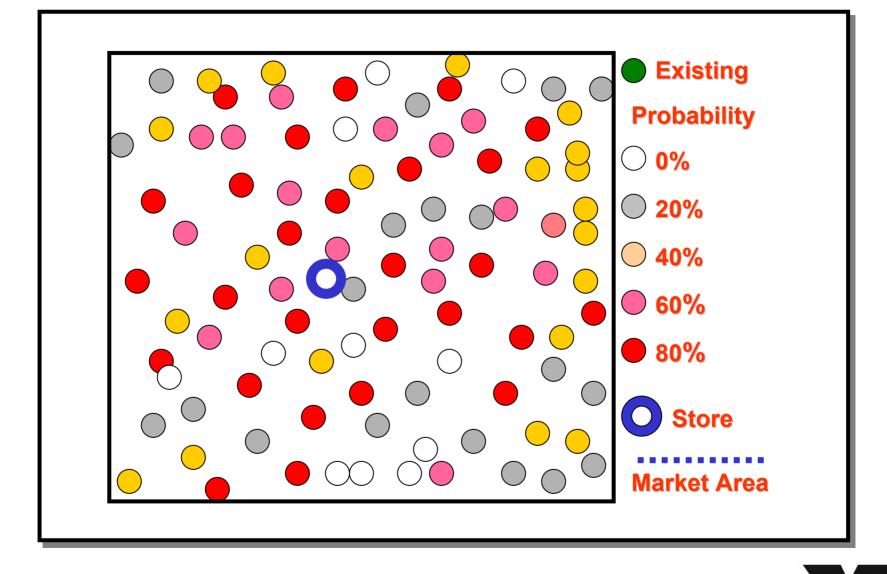
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- Distance-to-store values automatically updated for any proposed location.
- Probability-of-purchase modified within a specified distance.
- System aggregates predicted sales for any polygon (ring, drive-time, etc.) for the new site.



#### **New Store**



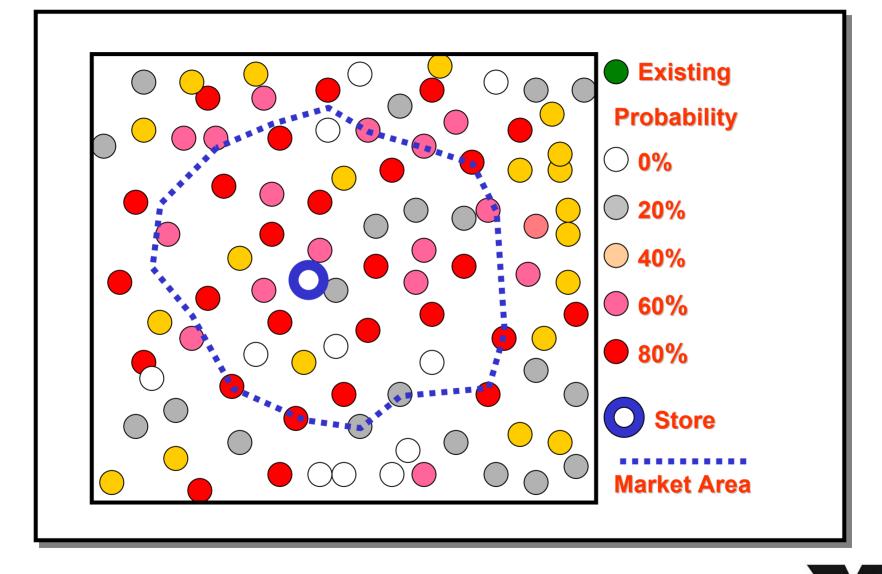


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- System generates probable market areas around any proposed site.
- Based on existing market areas as determined by customer locations.



#### **Probable Market Area**

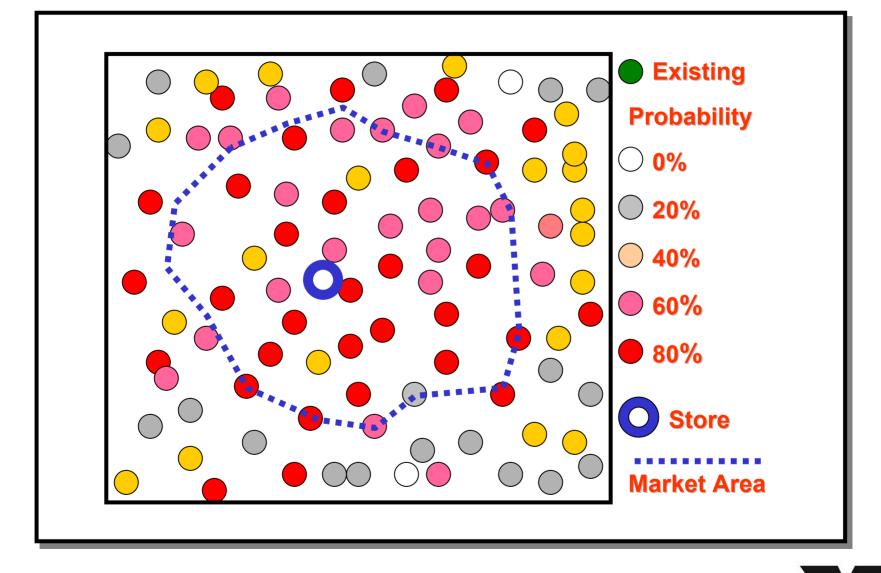


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 Specialized marketing and advertising lists automatically generated for any new site based on geography and customer profiles.

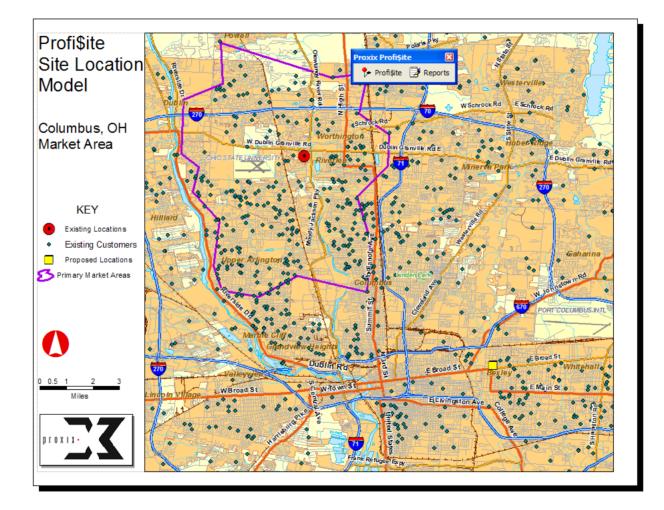


# **Estimated Sales Probability**



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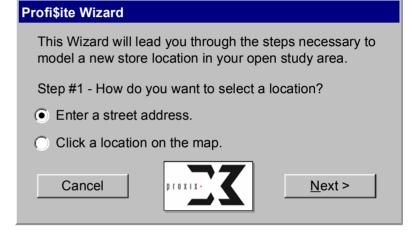
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#### **Customer Scoring Model** Integration into Business Analyst

- The user to select a proposed location in two ways:
- Entering a street address;
- Clicking a location on a map.
- Entering an address will zoom the user directly to that location.
- User will have to pan/zoom to a specific location in order to use the second option.



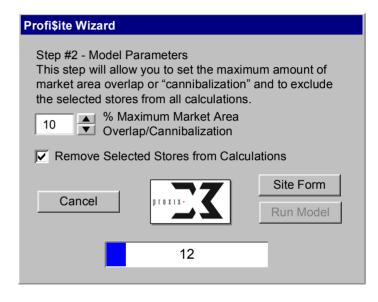


- Address option activates this form allowing the user to enter an address.
- System will zoom to the entered address.
- User can adjust the proposed location if necessary and update the database with the correct location.

Profi\$ite Wizard
Enter a Street Address
Address
City State
ZIP
Cancel <u><u>N</u>ext &gt;</u>



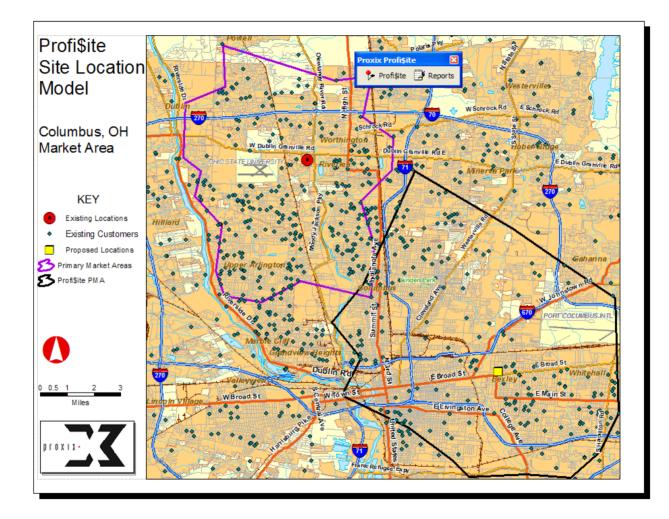
- User must then establish the model parameters.
- Specify the maximum amount of market area overlay (competing existing locations).
- The user can remove existing stores from the model parameters.
- Useful for modeling relocation operations.
- Step also requires the user to enter data into a Site Data Form.
- "Run Model" button is disabled until the Site Data Form is completed.





Profi\$ite Wizard
Results
Estimated Sales
+ -
Total Cannibalization (%)
Cancel <u>N</u> ext >







Profi\$ite Wizard	
Results	
\$98,656	Estimated Sales
\$107,536	\$88,897
12%	Total Cannibalization (%)
Cancel	<u>N</u> ext >



# **QUESTIONS?**

