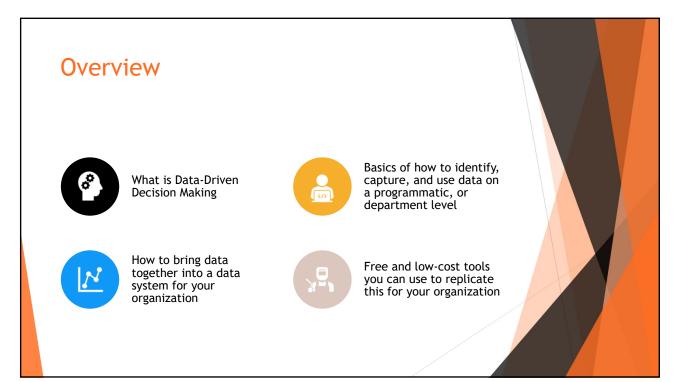
# Data-Driven Decision Making on a Shoestring Budget

Ben Young, City of North Canton For Ohio City/County Management Association February 28, 2024

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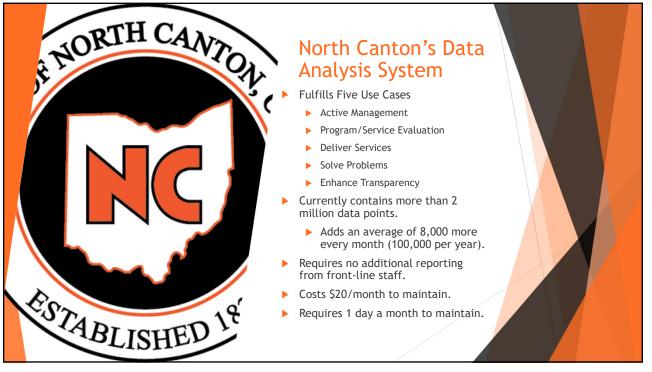


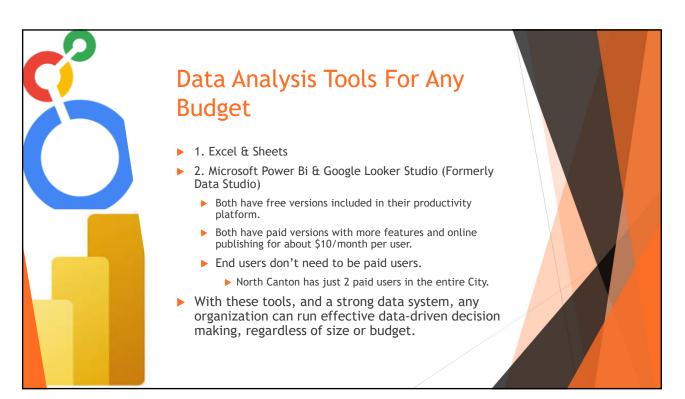




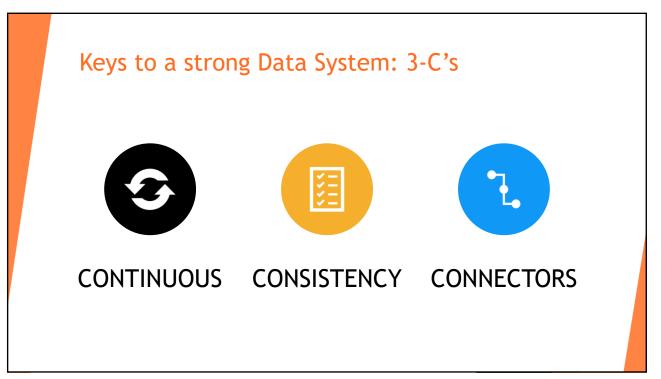
- The ability to track and effectively analyze key performance indicators.
  - Key Performance Indicators Metric used to evaluate the success of an organization, program, employee, etc. in meeting objectives.
- Much less frequently discussed in publications
- Rarely taught outside of database design classes
- Generally uninteresting to the public
- The hardest but most important piece of establishing a data system.

Data Capture and Control

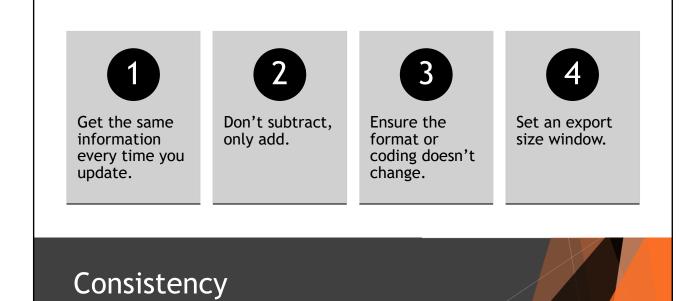


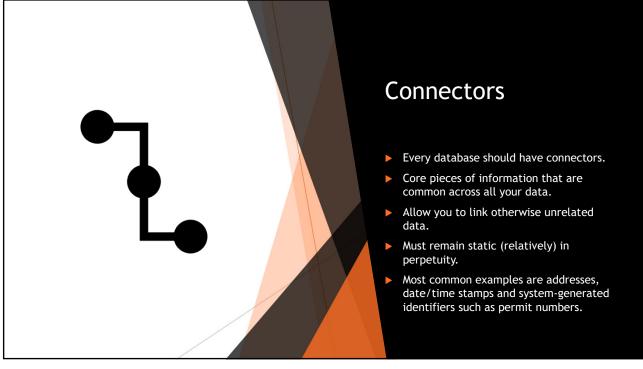


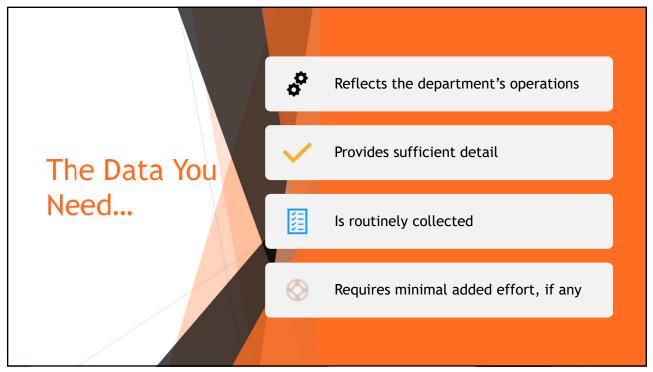














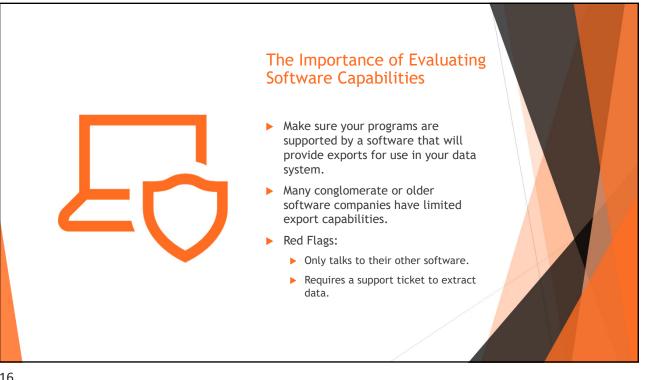




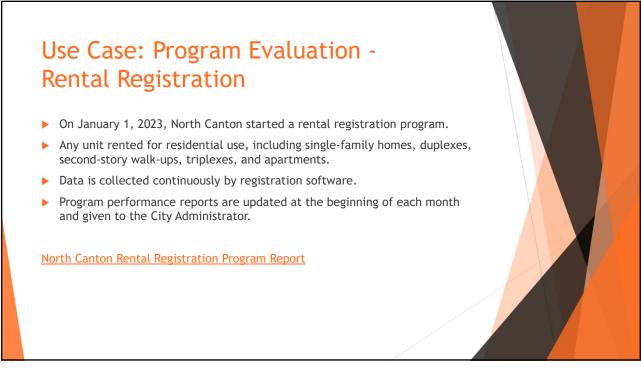
#### Use Case: Active Management -Calls for Service

- Police Departments log every action they take as a call for service.
  - While much of this information is LEADS protected, most software has a basic information export that excludes LEADS information.
- **Connector:** Address, Most calls will be logged by a location/address.
- **Continuous:** As your department continues to operate, they continue to generate this information as they log their activity, without extra effort.
- **Consistent:** The export will give the same information every time and each export can give an update to the previous.
- North Canton CFS Tracker

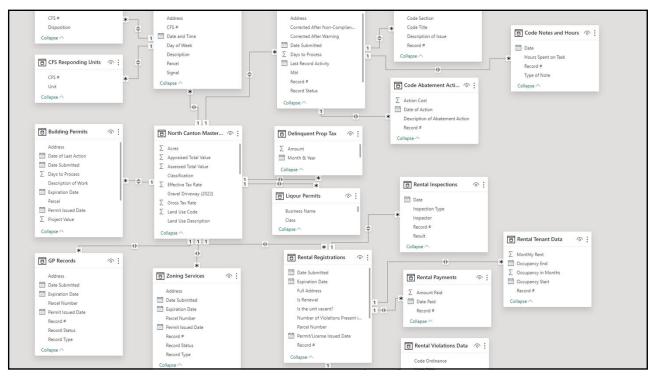




Record # \$	: Record Type ≑	Applicant Na	-	
Recora # 👳	: Record Type –	: Аррисант Na	m	Example:
WSL-771	Water Service Line Inventory	Mark Morris		Example: Permitting Systems Old system exported a permit number, address, category, some date/time stamps, and a maximum of 100-character description.
RBLD-24-24	Residential Building Permit	Alex Lyogky		
WSL-770	Water Service Line Inventory	Larry Stroll		
WSL-769	Water Service Line Inventory	KIP ROWLAN	►	
WSL-768	Water Service Line Inventory	Claudia Hab		
CREG-462	Contractor Registration	Jerry Bell		<ul> <li>Not in sufficient detail to review operations.</li> </ul>
CREG-461	Contractor Registration	Nicole Ske		<ul> <li>Required their help to export any more data.</li> </ul>
WSL-767	Water Service Line Inventory	Kimberly	•	In 2021, North Canton started looking for a
WSL-765	Water Service Line Inventory	Tonya H	•	new system. Ultimately chose OpenGov permitting and licensing. Selling Point? Highly customizable exports. Any field
WSL-764	Water Service Line Inventory			
HVAC-24-32	HVAC/Mechanical Permit	Adria		on any permit type you want, all exportable to CSV for inclusion in a
WSL-762	Water Service Line Inventory	Paul		data system.
FIRE-2	Annual Business Fire Inspection	TES		



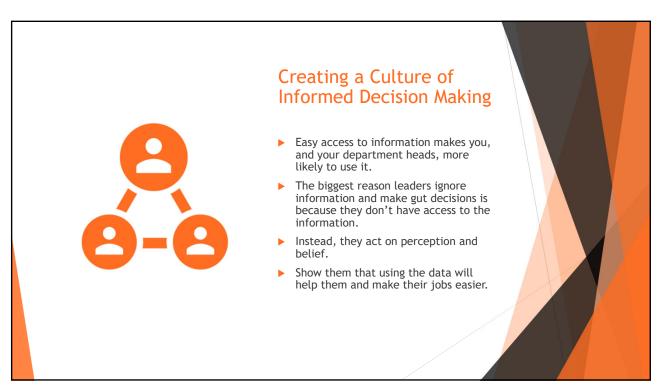




### Use Case: Creating a Resource -The Property Search Dashboard

- > One single search engine for all addresses in the city.
- Links together 911 calls, Fire/EMS runs, permits, code enforcement, zoning, and more.
- Displays a picture of everything the city knows about that address.
- Allows city staff, who have a reason to interact with a specific property, identify trends, issues, or potential problems when responding to service needs.

North Canton Property Search Dashboard



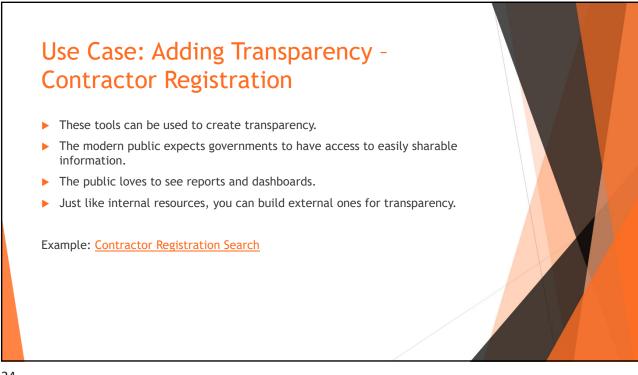
## Use Case: Solving Problems -Fire/EMS Staffing

#### Known Issues:

- More part-timers than should be necessary
- Heavily reliant on callbacks
- Large amounts of overtime eating up the budget
- Staff burn out

#### 5 Week Time Study

- 5 Week Time Study (Cross Referenced)
- Solutions:
  - Standardized 3 shift schedule
  - Required minimum shifts
  - Added more staff per shift



### Review

- Low-cost data tools are likely already included in your productivity platform.
- This makes the biggest hurdle to data-driven decisions data capture, not resources.
- In looking for data make sure it is Continuous, Consistent, and has Connectors.
- Start with data your departments already capture while doing their jobs.
- As you collect and report data, share what you can to create a culture of informed decision making and build public support.

