

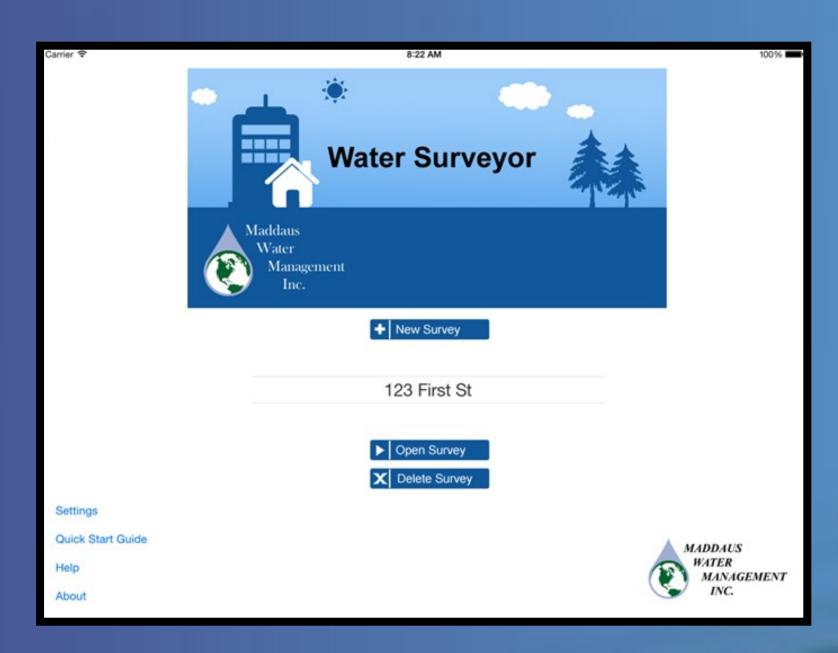
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# CII and Residential Water Surveys – Case Studies on How to Effectively Use Tablet Software

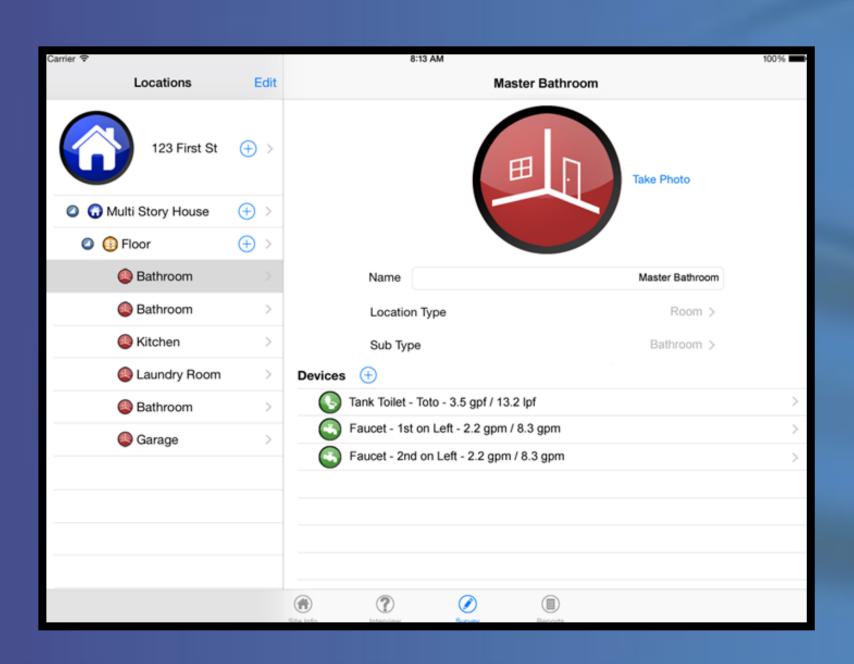


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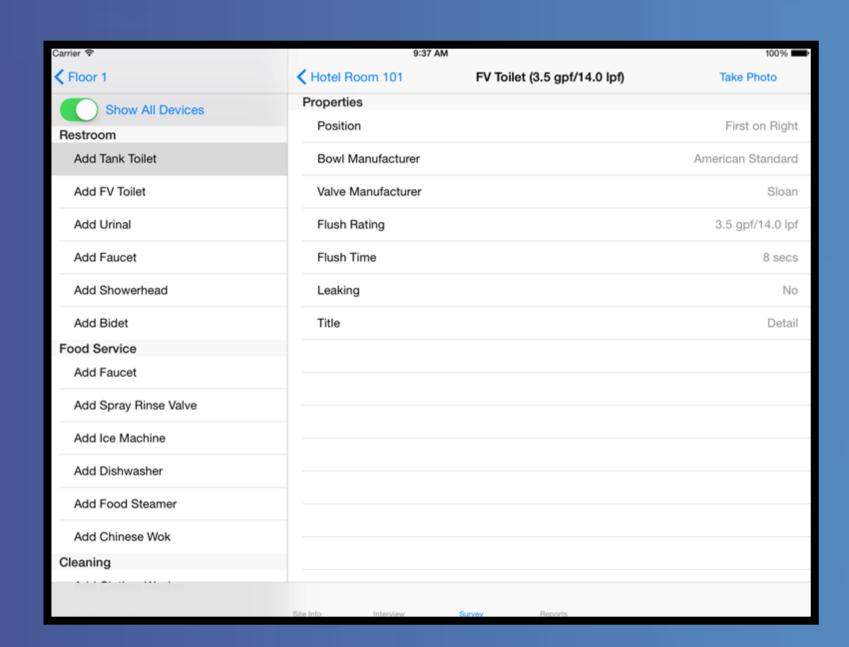
## **iPad**



## Easy to Use / Quick User Interface



#### **Quickly See Device Locations**



Speed up Data Entry with Preset
Options

## Water Audit Software



## Goals

- 1. Speed up Water Audits
- 2. Reduce Errors
- 3. Simplify Report Creation





- Originally developed in 2011
- Stores data electronically on an iPad or Excel
- More time efficient reduce data entry time for complex sites
- More sustainable eliminate use of printed paper
- Safe storage Paper cannot get wet / lost during the survey
- Provide real time fixture data and organized list of water conserving projects

## **Type of Businesses:**

- Offices
- Grocery Stores
- Shops
- Restaurants
- Agriculture
- Poultry
- Food Processing
- Hotel/Motel
- Schools
- Government Facilities
- Parks/Greenbelts





### Types of Fixtures:

- Toilets
- Showers
- Faucets
- Spray Valves
- Ice Machines
- Dishwashers
- Pool
- Laundry
- Landscape
- Other

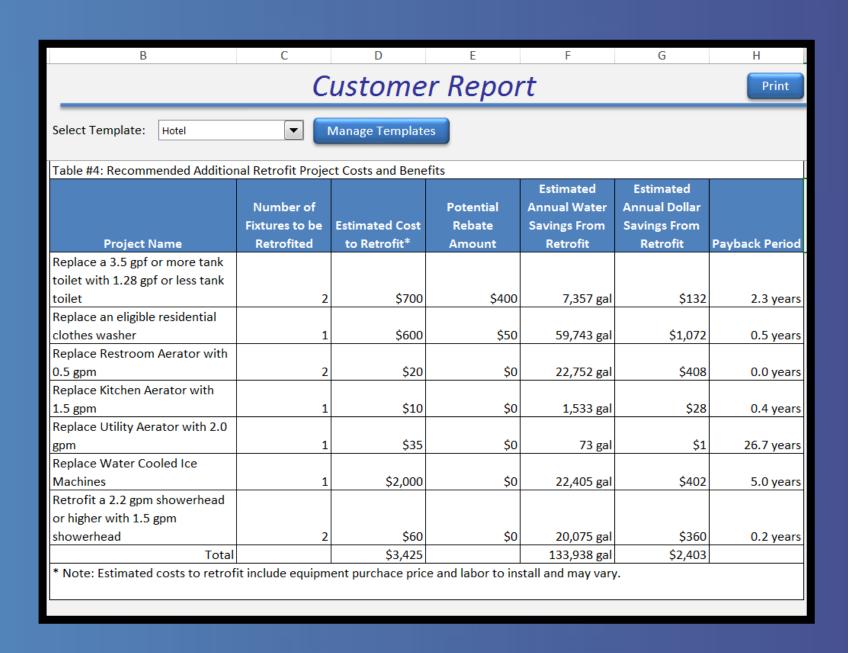
## Microsoft Excel

4	A B	С	D	E	F	G	Н	I					
1 2	Site Survey												
3		ABC Hotels											
4	Room Type	Description	Details	Add Building									
5	Building	Check In	Hotel	Add Floor				Del					
6	Floor	2		Add Unit				Del					
7	Unit	Office	Accessible	2	Add Room			Dele					
8	Kitchenette	Lunchroom	Req: 0				<u>Go To</u>	Dele					
9	Restroom	Unisex	Req: 0				<u>Go To</u>	Dele					
10	Floor	1		Add Unit				Dele					
11	Unit	Main Office	Accessible		Add Room			Dele					
12	Kitchenette	Guest Kitchenette	Req: 0				<u>Go To</u>	Dele					
13	Restroom	Men's Room	Req: 0				<u>Go To</u>	Dele					
14	Restroom	Women's Room	Req: 0				<u>Go To</u>	Dele					
15	Building	Main Hotel	Hotel	Add Floor				Dele					
16	Floor	4		Add Unit				Dele					
17	Unit	401	Accessible		Add Room			Dele					
18	Kitchen	Hotel Bathroom	Req: 0				<u>Go To</u>	Dele					
19	Bathroom	Small Kitchen	Req: 0				<u>Go To</u>	<u>Dele</u>					
20	Unit	402	Accessible		Add Room			Dele					
21	Kitchen	Full Kitchen	Req: 0				<u>Go To</u>	<u>Dele</u>					
22	Bathroom	Bathroom	Req: 0				<u>Go To</u>	Dele					
23	Unit	404	Not Accessible		Add Room			Dele					
24	Floor	3		Add Unit				Dele					

#### **Organize Fixtures by Location**

4	A	В	С	D	Е	F	G		Н	I	J	K	L	М
			Restroom	estroom Food Service		Cooling			Cleaning		Lan	dscaping	Other	
			Tank To	oilet Spray Valv		Cooling Tower		er	Clothes Washr		Irr	Controller	Lab Faucet	
	Pools	Pools		et	Ice Machin		acuum Pum	p	Janitor Faucet			rr Station	Salon	Nozzle
	Pod				Dishwashe	Distilled Water		er				Turf Area	Hand	Wash
	Spa/Ja	cuzzi	Showerhead		ood Steam	ier H	HVAC/Swamp				Shrub Area		Other Device	
	Water Feature		Faucet		Faucet						Cat	ch Can Test	Soil S	ensor
			Bidet		Chinese Wo						Hose Bib		X-ray Proc	
1												_		
2		Roomld	Room Type	Buil	ding	Floor/ Location	Unit #		Desc	ription	Access	Use Lvl	Estimated #Visits/dy	
	Rooms	110011111	Trockin Type	Buil	unig	200411011	Empty		Desc	прион	7 100001	333 2	troncoray	
3	or Areas	Room1	Restroom	Main	Hotel	1	Unit		Men's	Room				
4		Notes	:					Stor	mnod	Actual GPM		Estimated	Aerator	
									low Rate (Flow Bag			Leak Vol	Installed or	Delete
5		Position	Faucet Typ	pe (required)	Aerator Typ	e (required)	Feature	(req	uired)	Test)	Leak Ty	pe (gpd)	Provided	
6	Faucet	1L	Rest	room	Standar	d 15/16"	Automatic On/Off	0	.50		Drip	1	Neither	
	raucei			Adapter		10/10	011/011	0.	.00		БПР	•	Holalo	Duplicate
7		Retro	fit Type	Needed No	Water Type Tap									
9		Notes		INU	Тар									-
		110100	Bowl Flush			<b>.</b>	Flush Valve					Estimated		
10		Position	Rating (required)	Bowl Mar	nufacturer	Flush Valve Type	Rating (required)	Flush	n Valve I	Manufacturer	Flush Tir	Flush Vol ne (gal)	Leak Type	Delete
			Half			Auto	Half							
			Gallon	_		Diaphrag	1		_				Double-	
11	Urinal	2L Estimated	per Flush	Valve Zt	ırn Combo	m	per Flush Diaphragm		Zu	ırn	4.00 se	oc 0.888889	Flushes	
		Leak Vol	Size or	Eligible for	Eligible for	Flush Valve	Installed or	Ret		Installed or				Duplicate
12		(gpd)	Rough-In	Direct Install	Direct Install	Retrofit Valve	Provided		Prov	vided				
13		1	Medium	No	No	Retrofit	Neither		Nei	ther				
14		Notes	:											
			Bowl Flush			Flush Valve	Flush Valve Rating					Estimated Flush Vol		Delete
4.5		Dii	Dating	5 111		T	(ii)				Florit Ti	/I\	D-t5-16	Delete

**Flexible Device Entry** 



Automatic Report Generation Payback Tables, Inventory Reports