# This is the era of Big Data The amount of data available is colossal & mind- boggling.

Of course, not all data is useful.





Crowd Analytics uses WiFi technology to do indoor positioning.

Combining with space information and external factors,
we present data in relevant graphical form to help space provider to do analytics.



# Discover Undiscerned Relationships

Discover previously undiscerned relationships between data items.



# Analyze Patron Utilization

Greatly reduce marketing effort required to reach targeted patron.



## Analyze Space Utilization

Provide in-depth analytics to measure KPI of the space and ROI for your campaigns.



#### Push Notification Assistant

Create engagement for patron origin from different market segment.





An innovative cloud based solution provided by EasyCity Net in partnership with nTech Systems.

**Crowd Statistics** 



**Consumer Heat Maps** 



Retail Analytics & Optimization \*

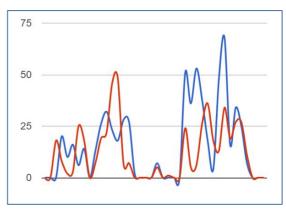


## **CROWD ANALYSIS**

Crowd Management



\* Requires external input



Sector Traffic



Consumer In-Store Movements & Visitor Tracking

# WALKING TRAIL ANALYSIS



Retail Insights & Web Dashboard \*



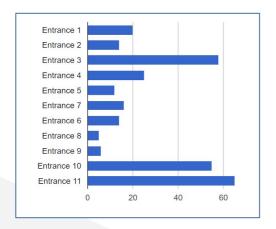
People Counting, Including Entry/Exit, Visitor Statistics



Walk-By vs. Walk-In



Conversion & Transaction Ratios \*



**Entrance Traffic** 

\* Requires external input

Age & Gender Distributions \*



Capture Returning & New Visitors

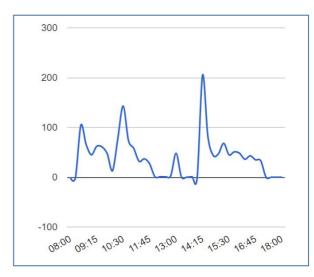


Demographic Shift Over Hours \*



\* Requires external input

# DEMOGRAPHICS & VISITOR BASE MANAGEMENT



Visitor Entering Space



Queue Time & Flow

# MANPOWER EFFICIENCY & OPTIMIZATION



**Individual Customer Wait Time** 



Time Spent By Visitors On-Premises



Shopper & Consumer Behavior



Campaign KPI



Product Engagement & Dwell Time



**Premise Occupancy** 



PRODUCT & SERVICE ENGAGEMENT





#### **ACCESS ANYWHERE**

We are based in the cloud. You are not tied to your office desk.



#### **ANALYTICS**

Study operation KPI by graph.
Understand customer behavior



#### **QUICK INTEGRATION**

Get started with simple-to-use technology. Short setup time for quick rollout.



#### PERFORMANCE METER

Measure your business performance with data.



#### **PUSH NOTIFICATION TOOL**

Integrate push notification for your system.
Greatly simplify marketing efforts
to reach customers.
Generate notification report for
understanding of your customer behavior. \*



#### **DAY-TO-DAY OPERATION REPORT**

Access report for daily operation.
Summary report and management report



#### PRODUCTIVELY PREPARE FOR TOMORROW

Data analytics using Business Intelligence tools.



### **SPECIFICATIONS**

#### **SMART FEATURES**

- Built-in random MAC address filtering
- Redundancy/sanity smart check
- Path smoothening algorithm
- Enhanced trilateration positioning

#### **SETUP**

- Friendly drag and drop user interface (UI)
- Set access point locations
- Set booth/store/shop locations
- Set entry/exit points
- Setup booth/store/shop profile

#### **GENERAL ANALYSIS**

- Patron statistics
- Dwell time statistics
- Entrance/exit statistics
- Occupancy statistics
- Patron distribution map
- Revisit statistics

#### **TRAFFIC ANALYSIS**

- Entrance/exit flow statistics
- Engagement statistics
- User path analysis
- Statistics for individual booth/store/shop
- Stores comparisons

#### **PROFILE ANALYSIS**

- Patron profiling
- Generate report according to different profiles

#### **REPORTING**

- Daily report
- Customized analysis for different industries



