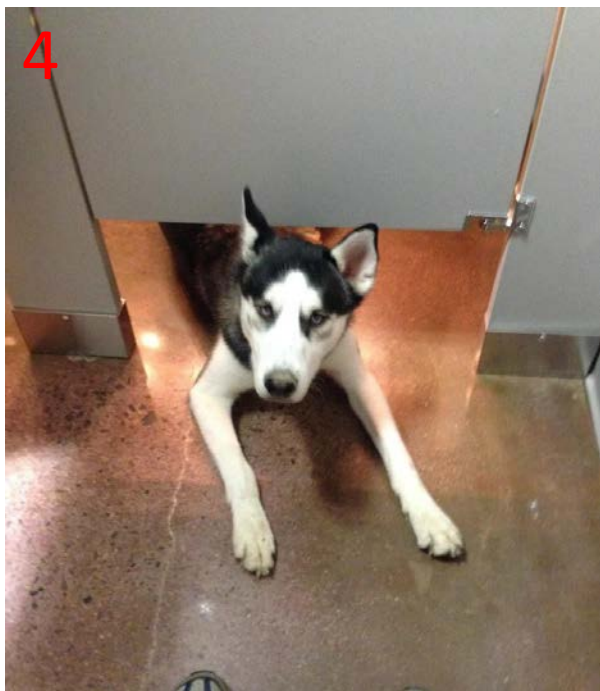




tooshlights®
know where to go

Allen Klevens
Modus Systems, LLC
Founder, CEO
allen@modus-systems.com

www.tooshlights.com



Where do you
find restroom
occupancy
indicators
today?





Just because there's a long line, doesn't mean your restroom is popular...

The Problems:

- Which stall is available
- Passengers dissatisfied by long lines / wait times
- Confusion, awkwardness, privacy issues when occupied

Welcome to the Restroom Revolution!

- The Solution:
 - **Tooshlights®** - a Restroom Traffic Management System (RTMS)
 - Tooshlights is compatible with most toilet partitions and completely wireless from the smart latch to the indicator light
 - Indicator lights are powered over ethernet (POE). Up to 30 indicators can be run from a single power supply.



How It Works?

Indicator
Light

Smart
Latch





ADA INDICATOR

...a restroom traffic
management system
that lets your
passengers

Know Where To Go®



Smart Cities

Smart Buildings

Smart Homes

Smart Cars

What is a smart restroom...

Available Stalls

18 of 48 (37.50%)

Occupied Stalls

30 of 48 (68.75%)

Needs Attention

0

Concourse B

📅 August 29, 2018 - September 27, 2018 ▼



The Smart Restroom is Now Smarter Than Ever...

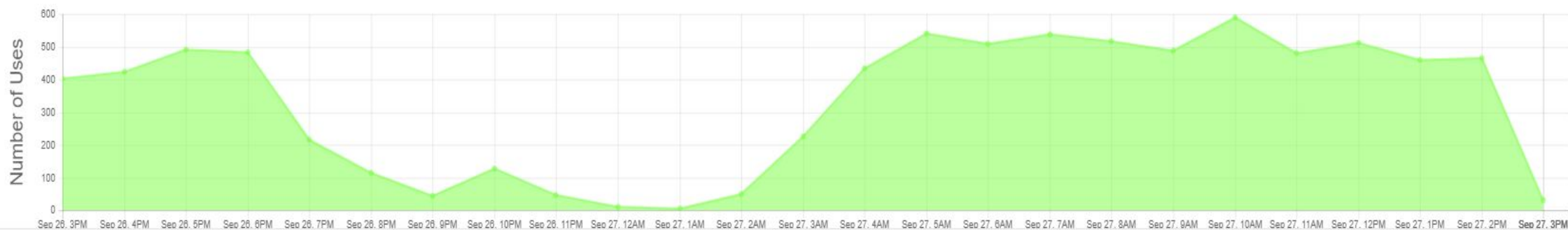


Table View

Room #	Day	Week	Month	Avg. Time Occupied	Avg. Time Available
1 B18 Men's Room	0	0	0	NaN	NaN
2 B18 Women's Room	3184	13305	28763	20.00	31.42
3 B23 Men's Room	1053	4803	20193	7.52	14.92
4 B23 Women's Room	3138	12543	31155	11.00	13.13

👤 Available Stalls

5 of 10 (50%)

🕒 Occupied Stalls

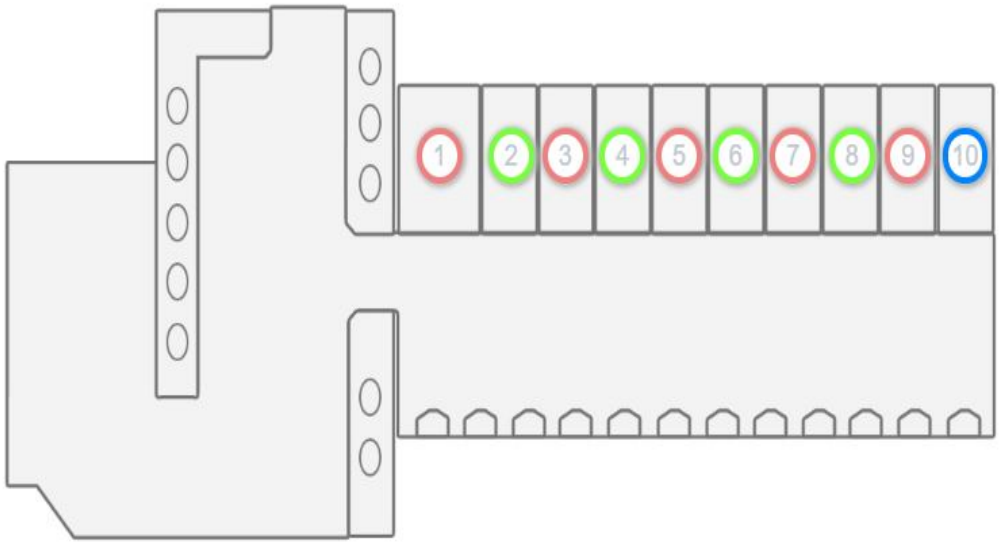
5 of 10 (50%)

Needs Attention

0

B23 Men's Room

📅 September 27, 2018 - September 27, 2018 ▼



Have you ever wondered which stall to use?

Uses / Day	Uses / Week	Uses / Month	Current Time Occupied	Last Used	Battery
233	1283	2861	01:14	9:02:48 pm	 100%
211	1003	2360	02:40	9:01:22 pm	 100%
137	691	1970	00:15	9:03:47 pm	 100%
179	838	1946	00:37	9:03:25 pm	 100%
167	768	1807		9:02:10 pm	 100%
101	434	1107		9:00:17 pm	 100%
97	367	967		8:59:53 pm	 100%
83	381	991		8:40:43 pm	 100%
52	433	1147		9:00:14 pm	 100%
82	224	65	33:13	8:30:49 pm	 100%
57	527	1235	00:33	9:03:29 pm	 100%
42	179	544		8:36:21 pm	 100%

Real-time guest experience feedback



Guest Feedback Surveys

- Tablet surveys located near restroom exit
- More data than just “happy or sad”
- Real-time email alerts
- Turn a negative into a positive with a quick response



tooshlights®
know where to go



Did Tooshlights enhance your experience?

☐ Yes

☐ No

☐ Did not notice



Why was the restroom poor?
(Select all that apply and press right)



Waiting
Time



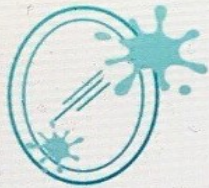
No toilet paper



Wet/Dirty
Counters



Wet / Dirty
Floor



Dirty mirrors



Dirty
stalls / urinals



Smell



Maintenance
Issue



Do you have any other comments?
(Please press right to finish).



Real-time Alerts

Survey Result Date: May 22, 2018 19:05:54

How would you rate the restroom?

☒ Dissatisfied

Why was the restroom poor? (Select all that apply and press right)

☒ No toilet paper

☒ Wet counters

☒ Wet and dirty floor

Please tell us any comments about the restroom.

☐ Oh gross

Survey Result Id: f11a4e79-f01b-457f-a5d9-3b8a635c00c2

Survey KPI Overview



KPIName Location Survey

*To get chart results, please choose a KPI

Respondents:

14,637

All KPIs

90.6% of passengers said that Tooshlights enhanced their restroom experience!

KPIName

Tooshlights

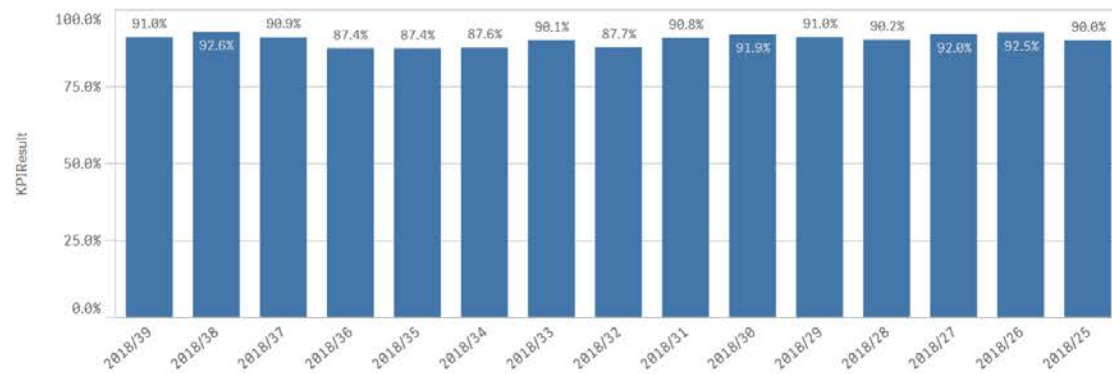
90.60%

KPIResultList

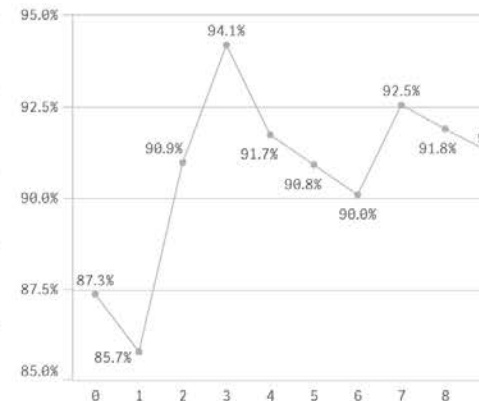


*To get chart results please choose a KPI

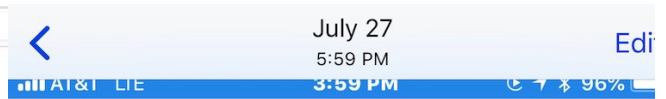
KPI Result per week



KPI Result per hour



KPI Result per month

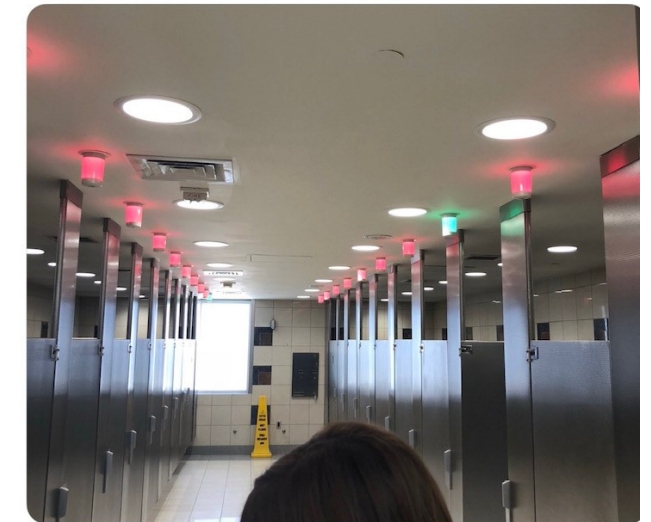


Tweet



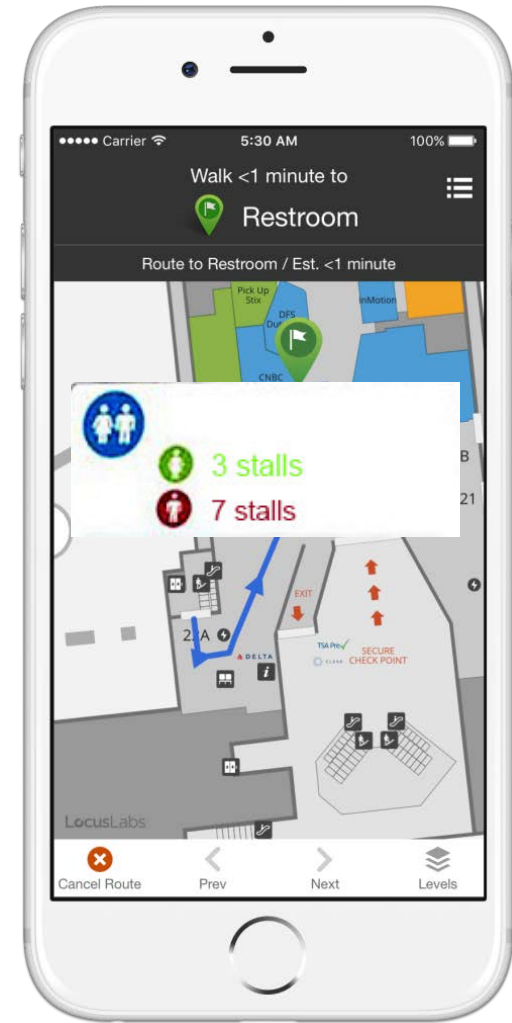
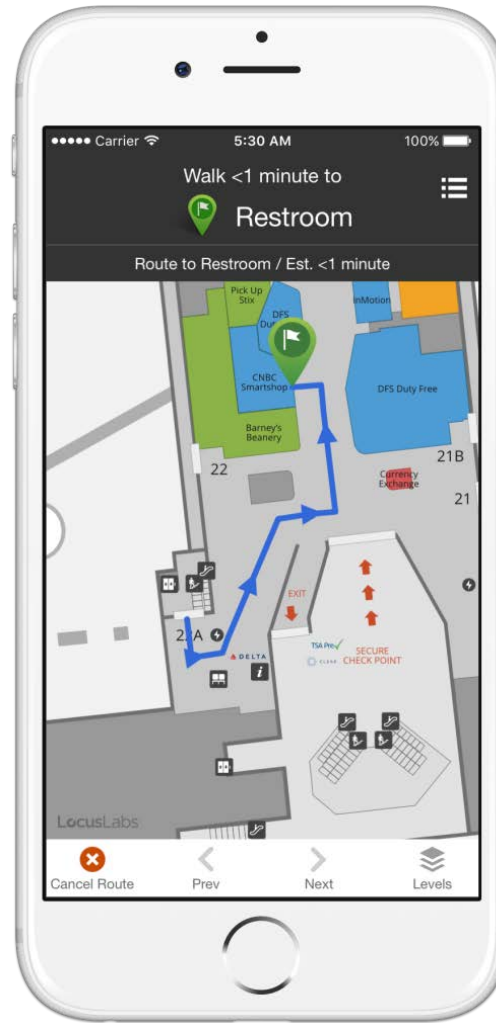
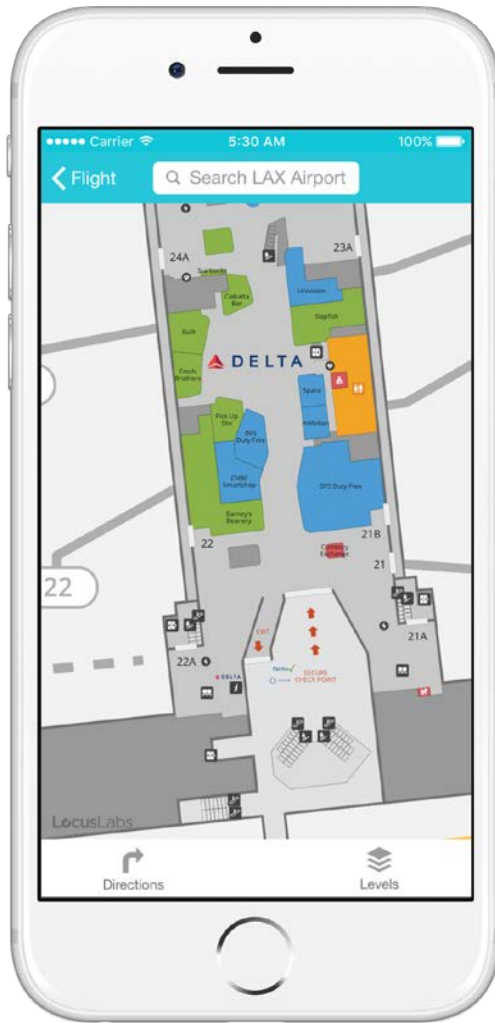
Debi Sorenson 🇺🇸🌞
@dreamsunwind0

Whoever decided to invest in this technology is my forever hero. Brilliant.
[@ATLairport](#)



7/26/18, 6:14 PM

Example Usage of Tooshlights API





How Do You Improve Your Score?

Leverage technology to turn your restrooms into intelligent, data-collecting environments that improve both operational efficiency and cleanliness.

**Tooshlights will improve the
passenger experience and
your ASQ score!**





say
goodbye

to the times when your
guests didn't know
squat



tooshlights®
know where to go

Allen Klevens
Modus Systems, LLC
Founder, CEO
allen@modus-systems.com