Leveling Up Location Intelligence
Transformation Done Right
We are living through an unprecedented global crisis.
Level 11 has a *proven* track record.
We have *solved hard problems* for some of the most demanding brands in the world.

- Magic Band
- Medallion Class
- Mobile Order & Pay
7,000 sensors. 700 readers. 100 interactive portals aboard ships. Since 2014, Level 11 partnered closely with Carnival Corporation to create the world’s largest, most revolutionary guest experience platform.

The Ocean Medallion and Ocean Compass create seamless IoT integration, location-based services and unprecedented guest services and personalization not to mention best-in-class safety and security.
What we **delivered.**

Level 11 built technology that enables seamless monitoring of movement throughout and beyond the ships. The IoT-connected ships not only empower guests to realize their dream vacations, but also equip the crew with the capability to understand every moment of the customer journey through real-time individual, group and ship-wide analytics.

These are some key parts of the Ocean ecosystem:

- Location Event Processing and Analytics
- Gangway Security
- Wayfinding
- Real-time and Historical Location Tracking
- Safety Assembly and Monitoring
Wayfinding: Interactive Portals

Guest-aware, personalized navigation. “Find My Friends” feature allows guests to locate people in their travel party in real time.
Wayfinding: Mobile App

Guest-aware, personalized navigation. Downloadable onto guests’ mobile devices.

Celebrations Gift Shop

Deck 5

Make that occasion more special – or your cruise more sensational – with a celebration gift of fresh-cut flowers or other delightful gifts like exclusive creations from Master Chocolatier Norman Love. Order in person or through Ocean Compass.

Move forward and starboard to your destination.
Event Processing and Analytics

Ship-wide analytics and event processing handles trillions of transactions, super powering the crew by providing service and operational data at an unprecedented depth and scale.
Seamless Gangway Security

By enabling guests to plan their trip ahead of time and authenticate themselves at home, boarding the ship is now *hassle-free:* simply walk onboard as your Medallion positively identifies you to security personnel and crew.

Crew are able to know who *is* and *is not* cleared for entry/exit in real time.
The IoT-connected ships not only empower guests to create their dream vacation, but empower crew to understand every moment of the customer journey. They can view real-time individual, group, and ship-wide analytics.

From embarkation and boarding times, to luggage location and handling, to housekeeping and emergency management, the OCEAN Compass provides service delivery and operationalization to an unprecedented depth and scale.
Safety Assembly and Monitoring

This system allows for crew to quickly account for all guests and staff aboard the ship, equipping them with the right tools to handle swiftly handle incidents.
Extending Beyond the Sensor Grid

Using the core location platform Level 11 developed, engineers created a low-cost proof-of-concept modification which allowed the use of novel & ad hoc beacon configurations.
Thank you.

Level 11 is a user experience and software development firm that helps transform how customers interact with your company and brand.