

Fintech → Regtech → Racetech

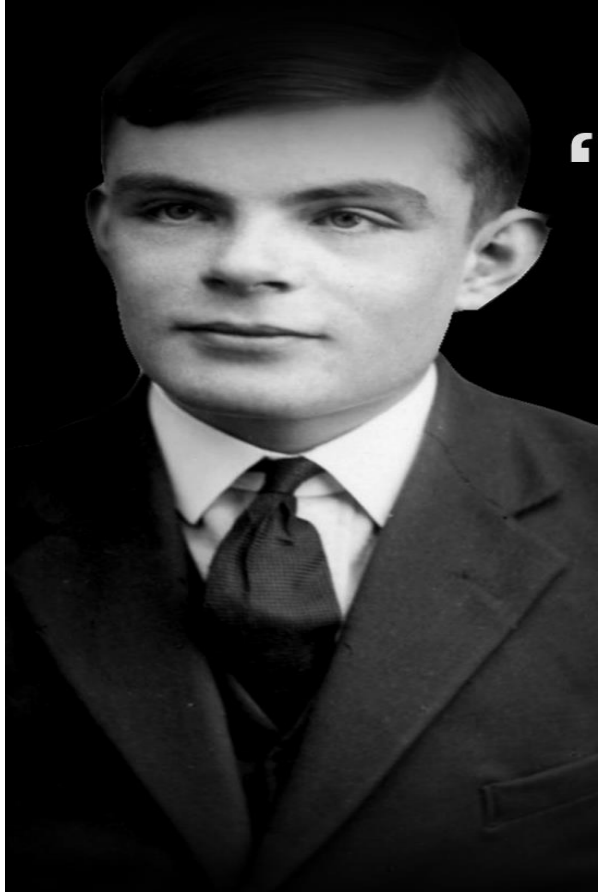
**SilverHook®**  
Powerboats

## ***Captain Hook***

*Critical Decisions – when real time is not fast enough*



- Cosmopolitan Hotel, Las Vegas, NV

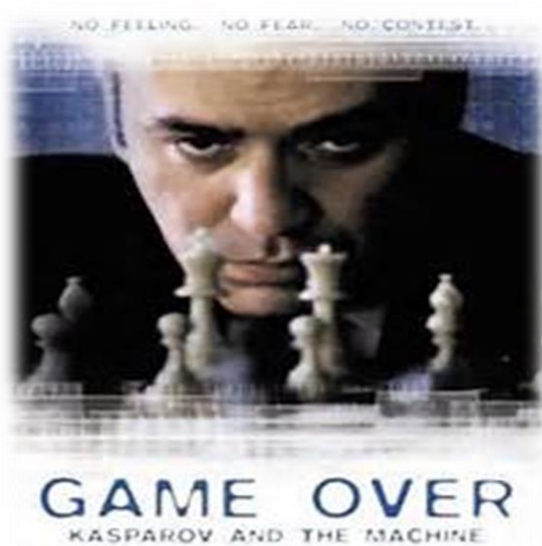


“ It seems probable that once the machine thinking method had started, it would not take long to outstrip our feeble powers... They would be able to converse with each other to sharpen their wits. At some stage therefore, we should have to expect the machines to take control.

- *Alan Turing*  
in 1951

**Futurism**

# Deep Blue



### BRAINS VS. ARTIFICIAL INTELLIGENCE

Be sure to tweet @WinBigRivers and @SCSatCMU using #BrainsvsAI


JANUARY 11-30 | 11AM-7PM

WE ARE LIPPING THE ANTE!  
120,000 HANDS NO-LIMIT HOLD 'EM


Hands Dealt: 6,040/120,000

BRAINS : (\$129,510)	LIBRATUS : \$129,510
DONG KIM : (\$23,401)	JASON LES : (\$37,375)
LIBRATUS : \$23,401	LIBRATUS : \$37,375
JIMMY CHOU : (\$51,360)	DANIEL MCAULAY : (\$17,374)
LIBRATUS : \$51,360	LIBRATUS : \$17,374


Parentheses indicate a negative number




THOMAS SANDROWS  
ELECTRONIC  
MARKETPLACES  
LABORATORY




Carnegie Mellon University  
School of Computer Science



RIVERS  
CASINO



PITTSBURGH  
SUPERCOMPUTING  
CENTER



GILEPOINT TNG  
TECHNOLOGY CENTER



# Technology Trends: AI, IOT and Block Chain



**\$430B**

Block Chain



# Global Trade Finance



**\$430B**

\$40T in Global Trade, 80=90% Financed





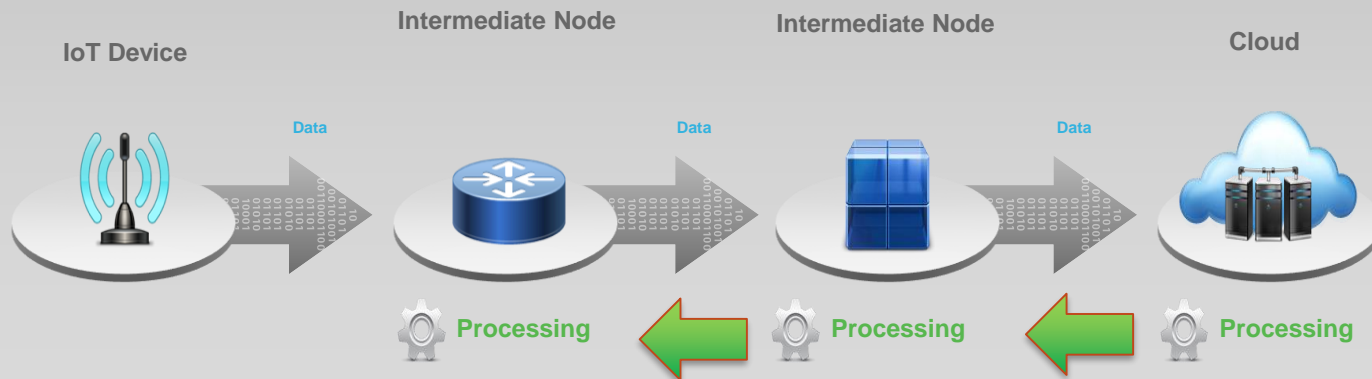
# \$430B

Organizations That Analyze All  
Relevant Data and Deliver Actionable Information Will Achieve  
Extra \$430  
Billion in Productivity Gains Over Their Less Analytically Oriented  
Peers by 2020.



# What is Edge Analytics?

At the **edge** of the network... processing, analyzing, and making sense of data in the moment, and streaming data to the cloud for deeper analytics.



This is a Differentiated Route from the Industry Direction

# Distributed Real Time Analytics

## Bring Analytics to the Data

IoT Devices



**Cloud Based Analytics**

(Centralized, Low Volume, Non Perishable, Non Regulated)

DATA



Analytics

**Distributed Analytics**

(Distributed, High Volume, Time Critical, Regulated)

IoT Devices



DATA

Edge Node



Analytics

DATA

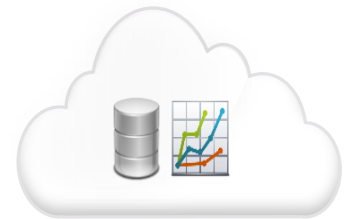
Edge Node



Analytics

DATA

Analytics







## SilverHook Powerboats

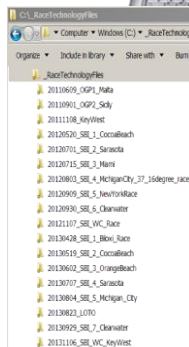
# NIGEL HOOK

CEO / CO-FOUNDER

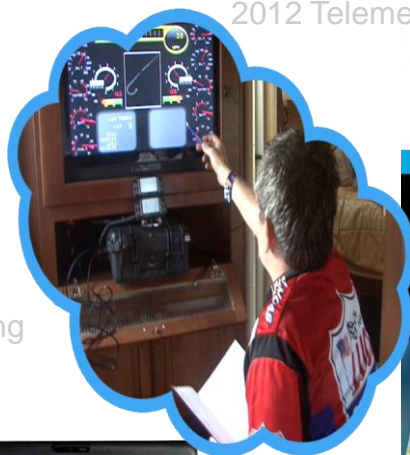


# SilverHook and IBM Watson IoT

2009-2011  
Data Logging



2012 Telemetry



LIVE from  
InterConnect2015  
A New Way

Tuesday Highlights | February 24



A New Way  
to Work



IBM WATSON

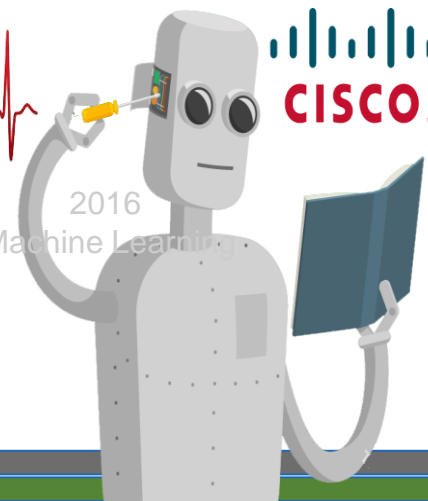
2013 Analytics

2014 Biometrics



2016

Machine Learning



2015

IBM and Virtual Eye



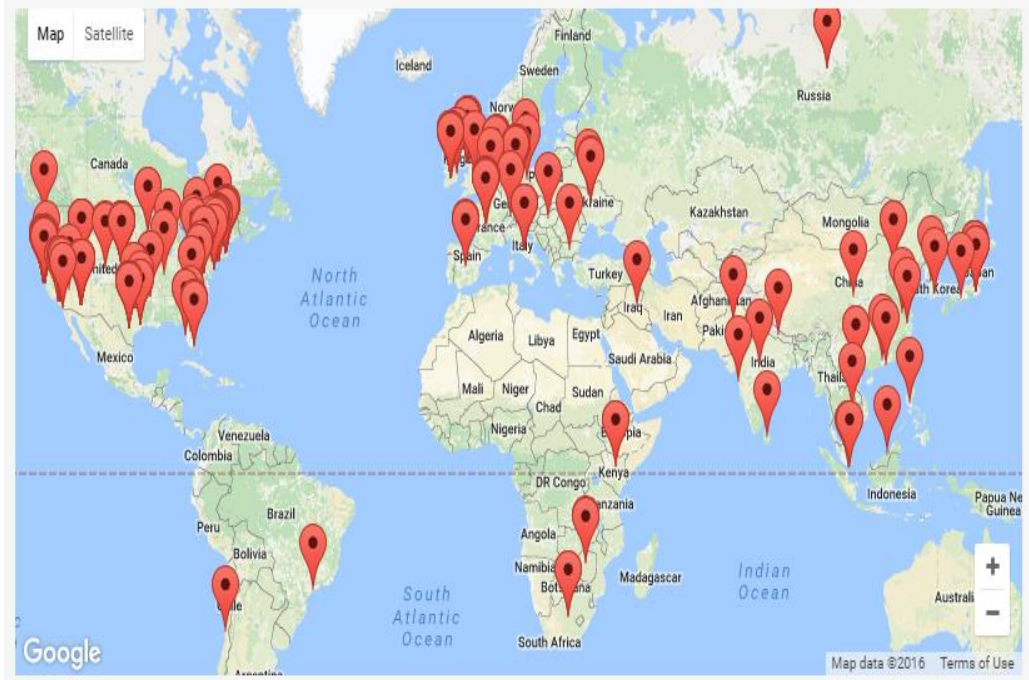


- ▲ The EDGE (Last Summer)
- ▲ IBM Watson IoT and Cisco
  - ▲ Global Press
  - ▲ Cisco Live
  - ▲ Interactive [Map](#) at DataSkill.com

## DataSkill & SilverHook News broadcast around the Globe!

DataSkill Leading Edge Cognitive Analytics – Wins with SilverHook Implementation.

The map below has links to nearly 600 articles. Drill down on the map to discover the breadth of coverage and click a marker for a link to the live article.

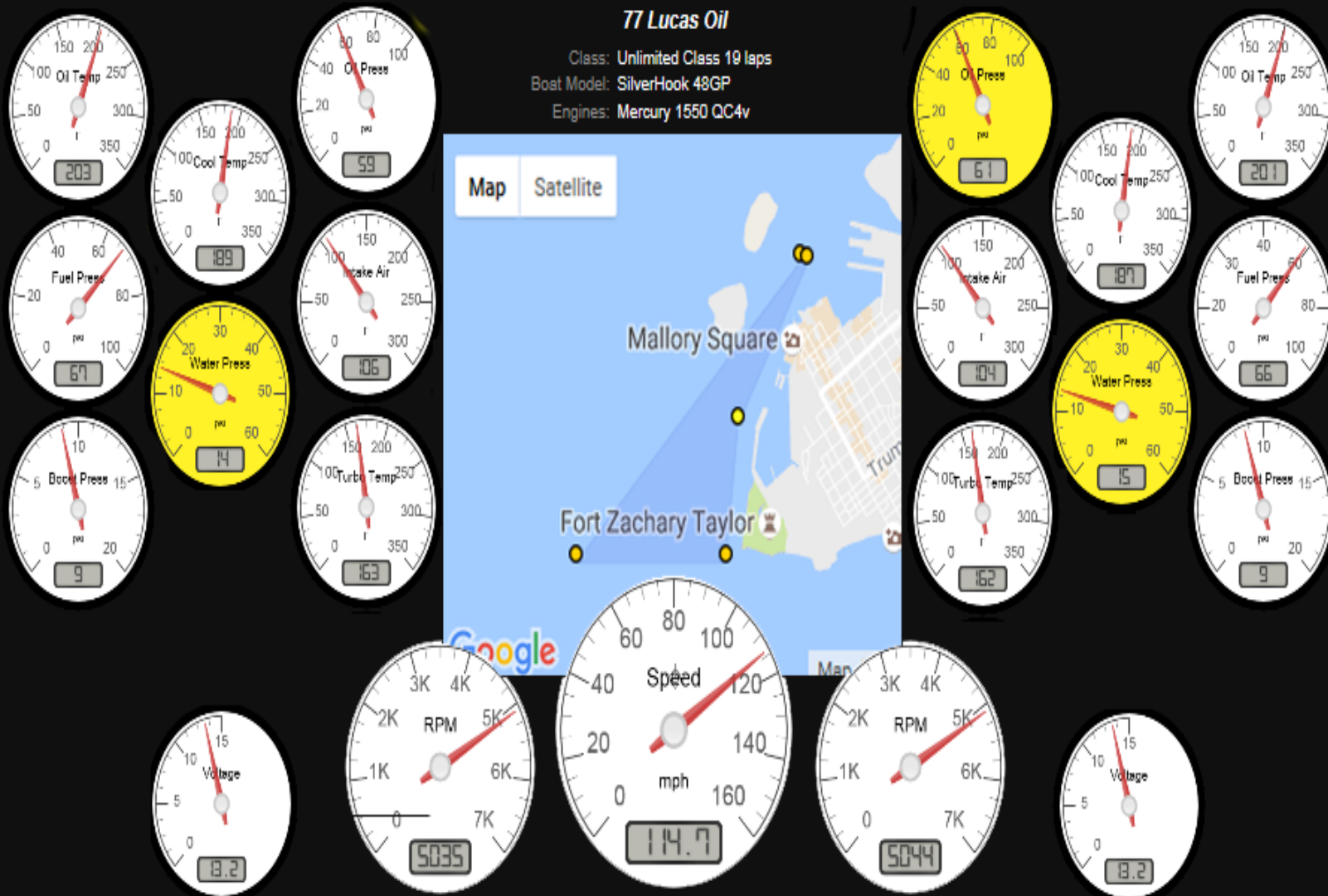


# SilverHook<sup>®</sup> Powerboats

SBI Clearwater - National Championships

## 77 Lucas Oil

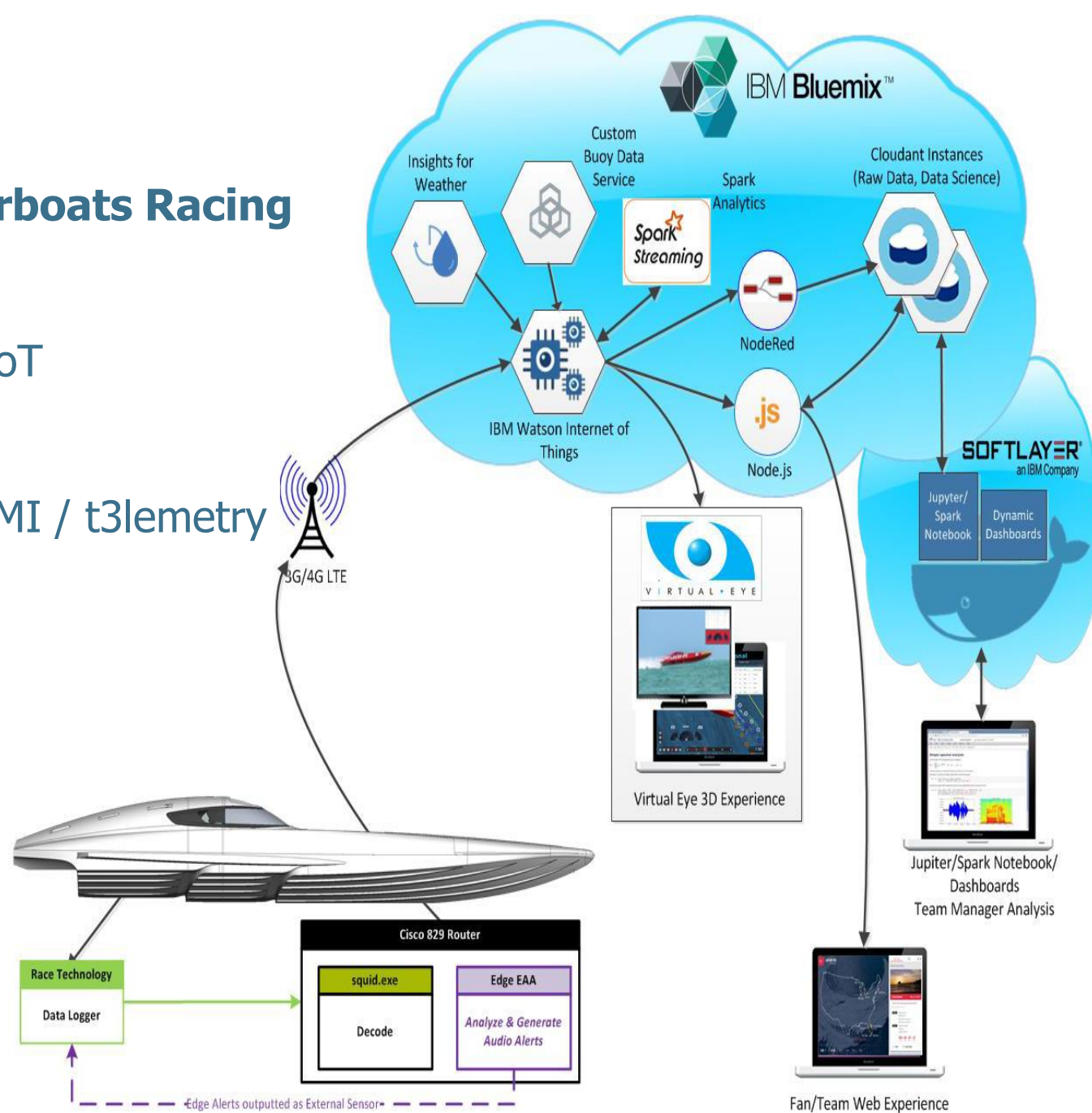
Class: Unlimited Class 19 laps  
Boat Model: SilverHook 48GP  
Engines: Mercury 1550 QC4v



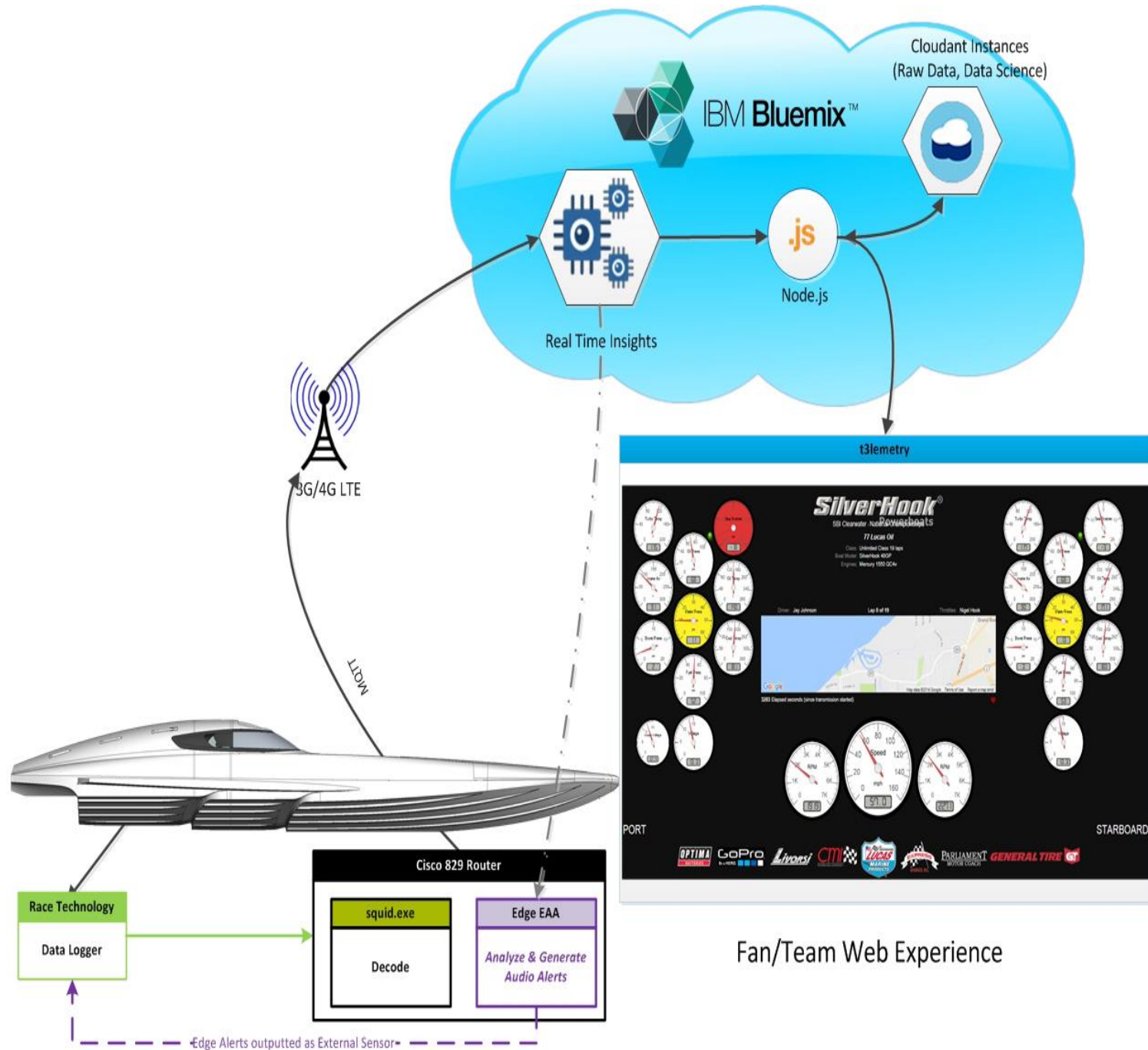
# SilverHook Powerboats Racing

Experience with:

- IBM Watson IoT
- Bluemix
- Cisco
- DataSkill ACUMI / t3lemetry

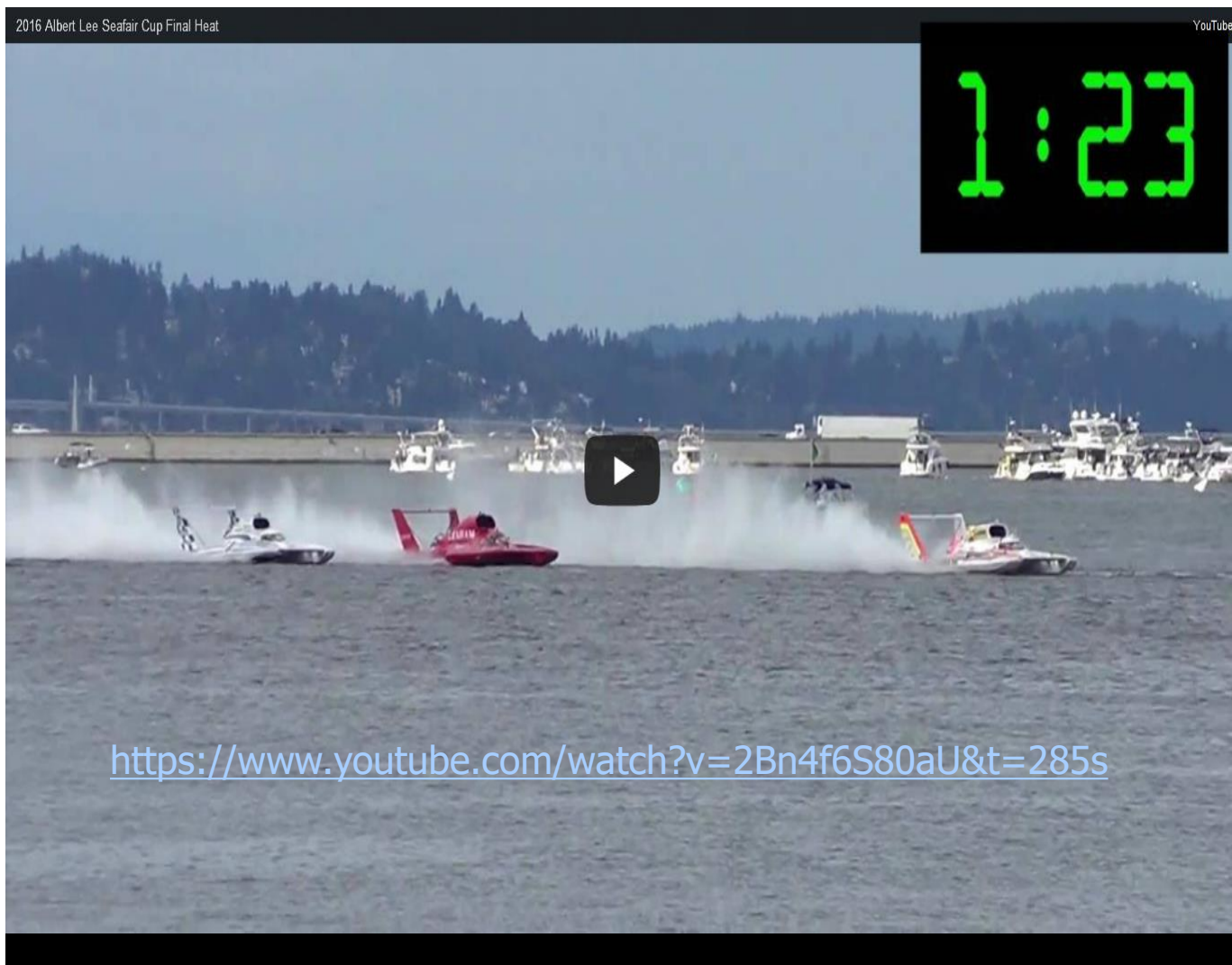


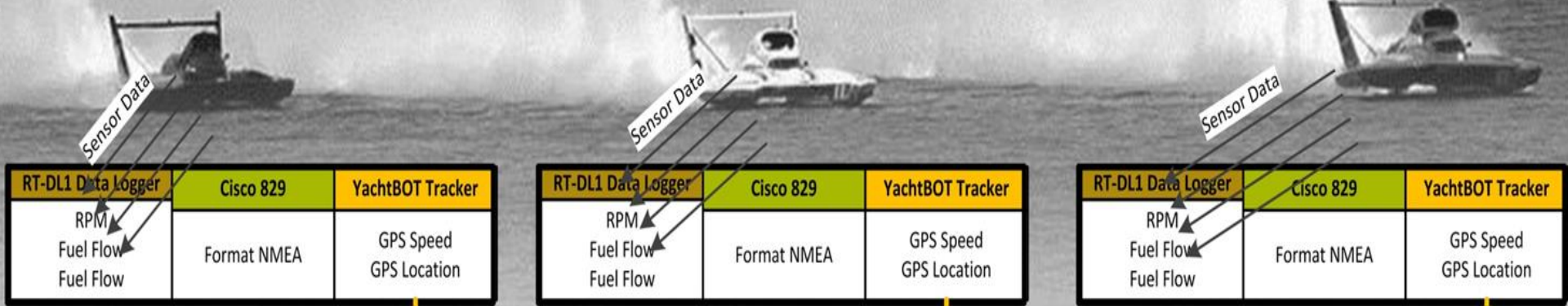




Fan/Team Web Experience

# H1 Unlimited Hydroplane Series





I Data Collection, Formatting, and Transmission (10 units)

II Data Storage and Security

III Data Presentation, Visualization, and Analysis  
Real-Time Alerts

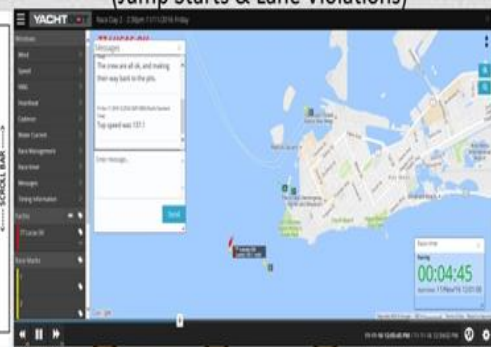
(Rule Enforcement)

Limits 6600 RPMs 150 MPH											
#	Boats	MAX	Lap1	Lap2	Lap3	Lap4	Lap5	Lap6	Lap7	Lap 8	Lap 9
8	CMS	Port RPMs	6582	6497	6587	6582					
		Star RPMs	6499	6522	6499	6499					
		MPH	148.73	147.21	149.33	146.23					
8	Genie	Port RPMs	6592	6523	6548	6459					
		Star RPMs	6592	6523	6548	6451					
		MPH	148.93	147.98	148.98	148.98					
76	Cat Killer	Port RPMs	5289	4809							
		Star RPMs	5621	5708							
		MPH	145.78	123.78							
77	Luxon Off	Port RPMs	6550	6533	6428	6497					
		Star RPMs	6575	6571	6575	6522					
		MPH	149.03	147.23	148.89	147.21					
100	A&A	Port RPMs									
		Star RPMs									
		MPH									
113	GEICO	Port RPMs	6543	6543	6543	6543					
		Star RPMs	6529		6529	6529					
		MPH	148.93	143.91		148.93					
613	Qatar	Port RPMs	6359	6359	6359	6359					
		Star RPMs	6347	6347	6347	6347					
		MPH	148.33	148.33	148.33	148.33					

Real-Time Leader Board with Splits

Position	Boats	MAX	Lap1	Lap2	Lap3	Lap4	Lap5	Lap6	Lap7	Lap8	Lap9
1	77 LO	Ave. Speed: 98.7 Max Speed: 103.23 Split: -1.35	97.3 101.88 7.09	101.25 108.97 1.46	100.7 108.43 1.76						
2	613 Qatar	Ave. Speed: 101.08 Max Speed: 103.24 Split: -2.27	98.3 100.97 6	87.9 108.97 1.76	100.7 108.43 1.76						
3	65 CMS	Ave. Speed: 87.3 Max Speed: 91.87 Split: -12.49	76.24 79.38 12.49								
4	100 A&A	Ave. Speed: 80 Max Speed: 80 Split: 80	80 80 80	80 80 80	80 80 80						
5	113 GEICO	Ave. Speed: 80 Max Speed: 80 Split: 80	80 80 80	80 80 80	80 80 80						
6	76 Catkiller	Ave. Speed: 80 Max Speed: 80 Split: 80	80 80 80	80 80 80	80 80 80						
DNS	8 Geise	Ave. Speed: 80 Max Speed: 80 Split: 80	80 80 80	80 80 80	80 80 80						

Real-Time Fleet Tracking  
(Jump Starts & Lane Violations)



Real-Time Data





# V i R T U A L • E Y E

# Analytics and Automation Software

[Overview](#)[Products](#)

## Data and Analytics

Gain valuable insights anytime, anyplace to inform real-time decisions.

[Learn More](#)

# Lucas Oil Ocean Cup

## *Key West to Cuba*



[www.LucasOilOceanCup.com](http://www.LucasOilOceanCup.com)



# Key West to Cuba

[www.LucasOilOceanCup.com](http://www.LucasOilOceanCup.com)

June 19-23

- **World Record** attempt by **77 Lucas Oil Silverhook**

Pilots Nigel Hook & Jay Johnson

- **Sanctioned by:**

**UIM** – Union Internationale Motonautique

**APBA** - American Power Boat Association

**Powerboat P1-USA**

**Hemingway International Yacht Club of Cuba**

- **200 miles** across open ocean - **Straits of Florida**

Sunset Key to Morro Castle with a flyby past the US Embassy

Existing record, *one-way* is 1 hour 30 minutes

- **Goal** – A new record, *both-ways* in **2 hours**

- **Technology** by **IBM, Cisco, AT&T, and The Weather Company**

- **Cultural Exchange** and **Youth Sailing Regatta**

- **Kids International Outreach** with Ocean Sports

- Proceeds to **Key West Youth Sailing Center 501(c)(3)**



**Think about how we can apply this intelligence technology at the edge to supercharge your race.**

## CHALLENGE FROM DATASKILL

Nigel Hook, CEO and Founder  
[nhook@dataskill.com](mailto:nhook@dataskill.com) 800-481-3282

