Fostering Data Collaboration with Analytics

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Tableau

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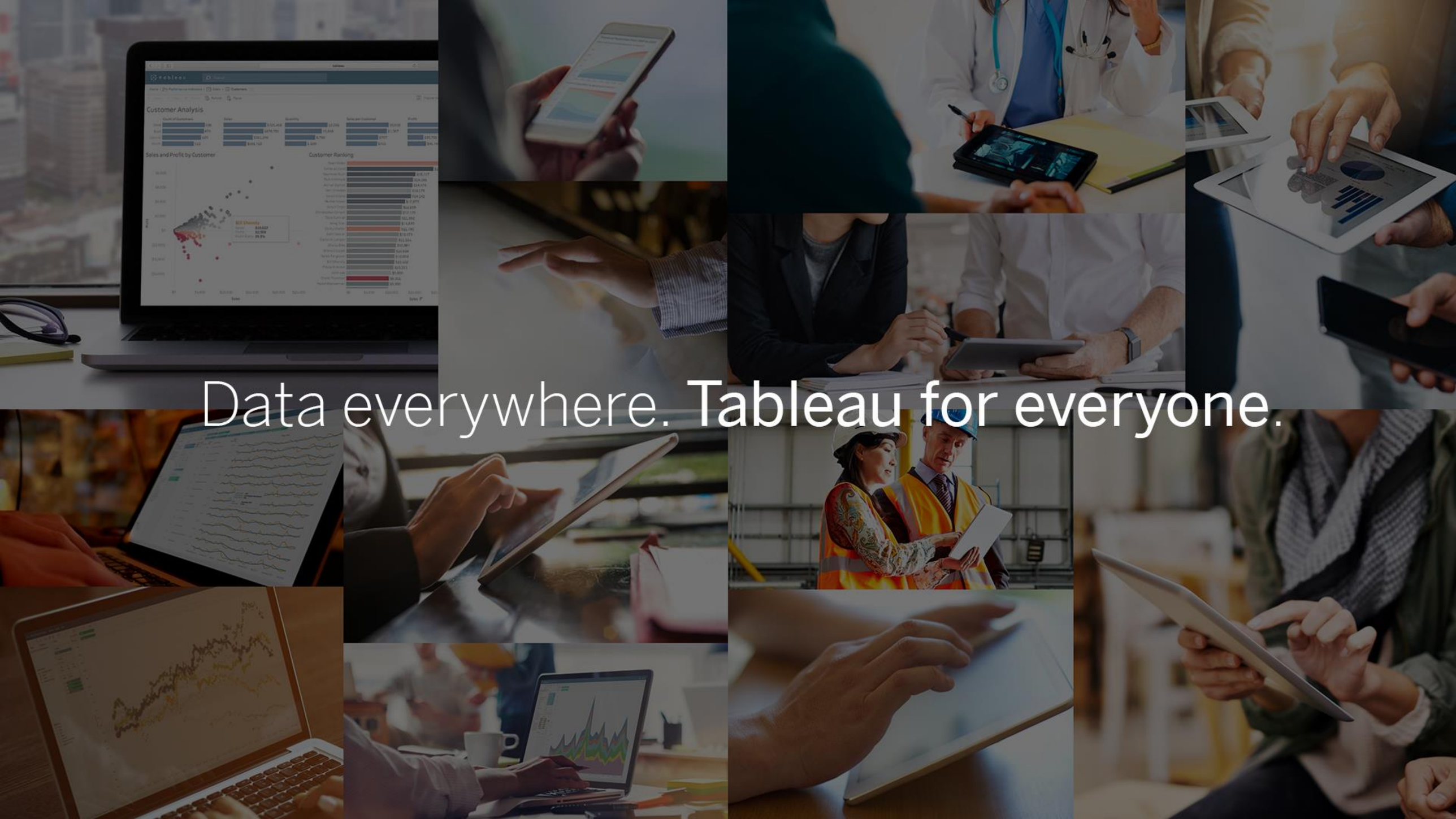
Oak Consulting

#TableauPSDay



Data everywhere. Tableau for everyone.

Tableau Platform

Security & Compliance

Collaboration	Alerting | Subscriptions | Storytelling | Sharing | Discussions
Analytics	Visual | Ad-hoc | Advanced | Spatial | Calculations | Statistics
Content Discovery	Projects | Recommendations | Versioning | Search
Governance	Centralized Data Sources | Certification | Usage Analysis | Permissions
Data Prep	Data Blending | Query Federation | Visual Data Prep | Auto Data Modeling
Data Access	Live | In-memory | Hybrid Connectivity

Extensibility & APIs

Deployment			
	ON-PREMISES | CLOUD | HOSTED	WINDOWS | LINUX | MAC	MULTI-TENANT

Tableau @ Scale
tableau

Tableau @ Scale

Analytics for everyone

Analytics in any app and process

Organization-wide deployments

Self-service data management

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Analytics for everyone

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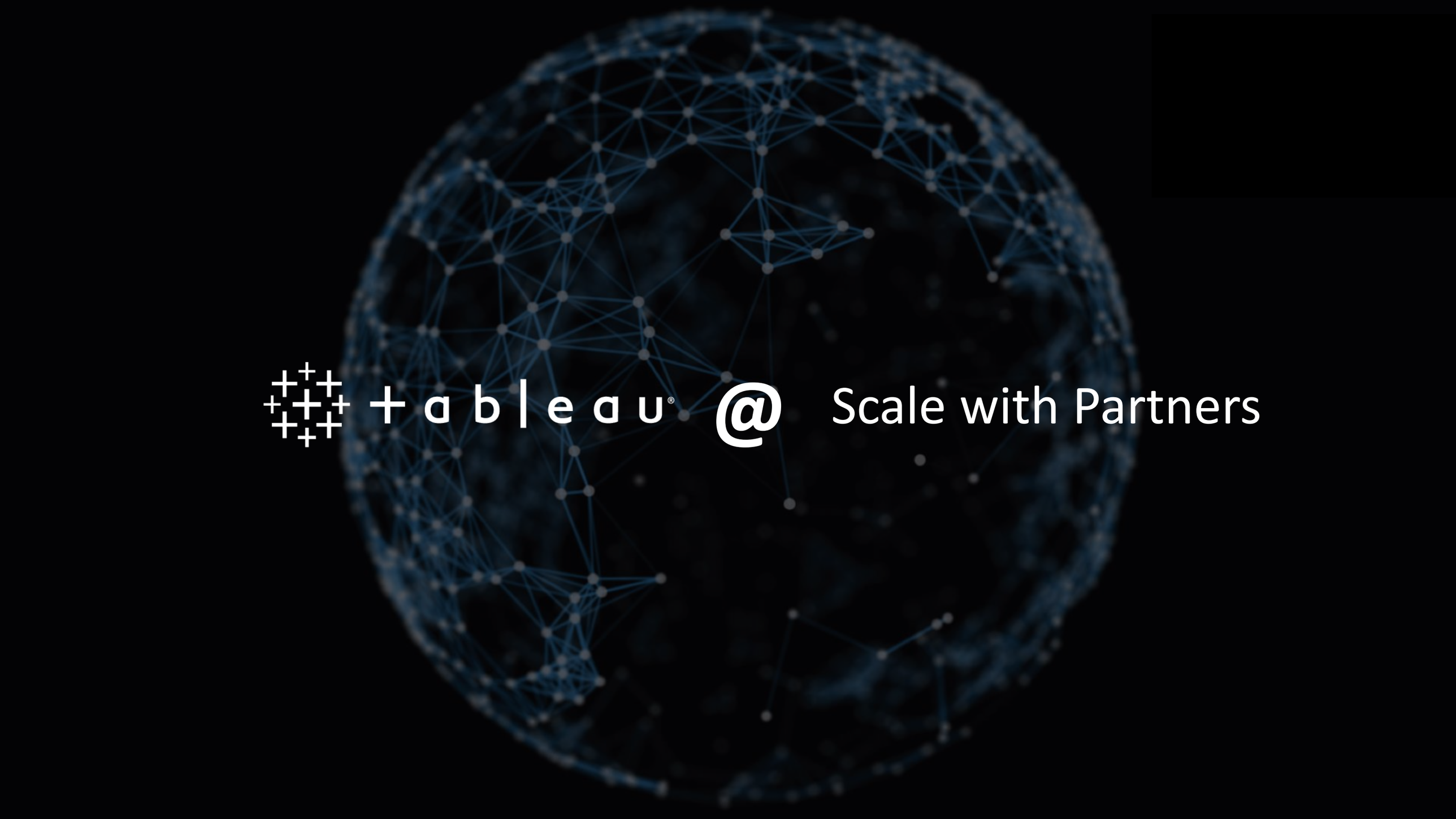

+ a b | e a u®
@
Scale with Partners

Deploying analytics @Scale

Palani Selvam
Director, Technology
Oak Consulting

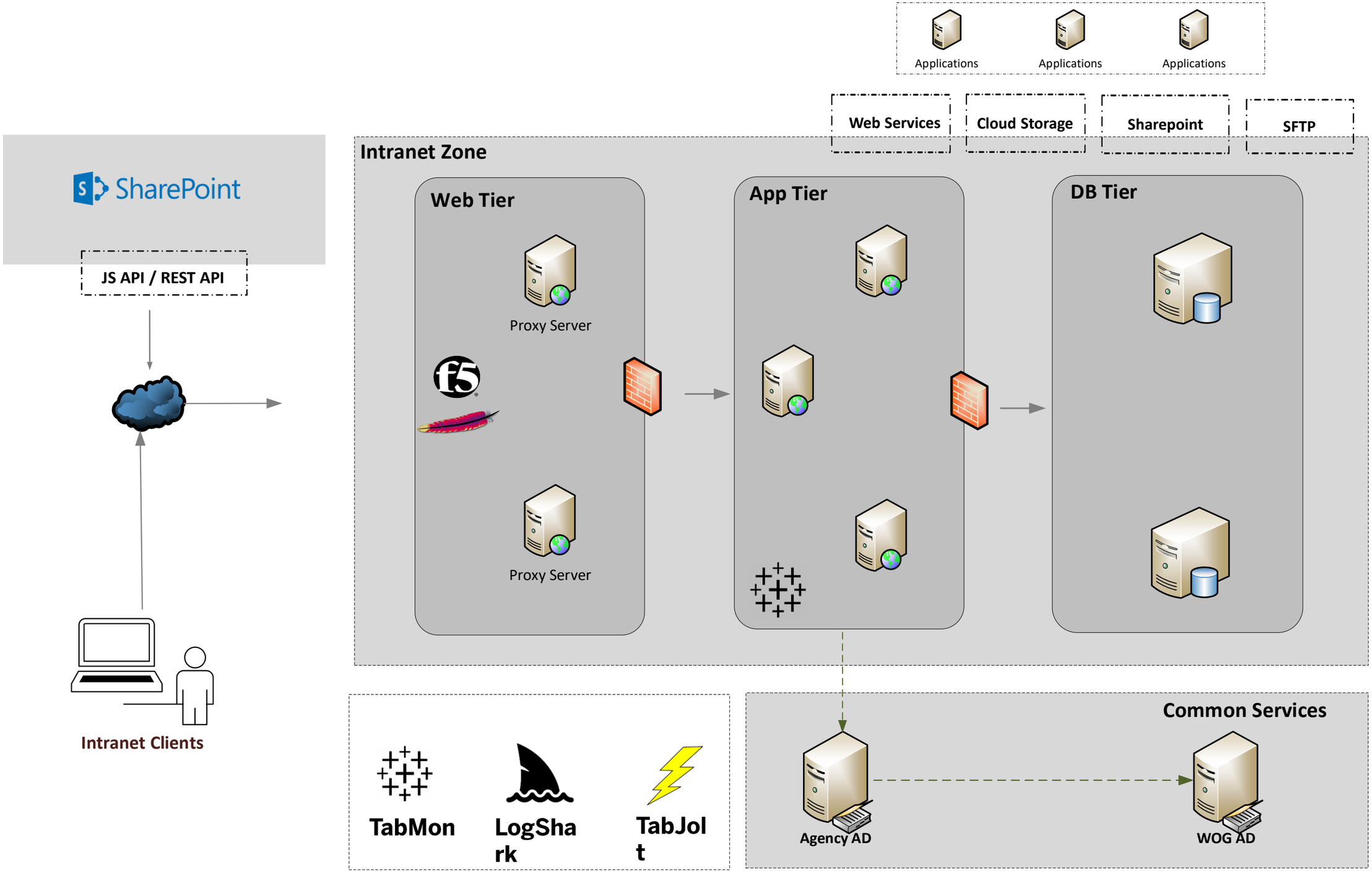
#TableauPSDay

Oak Consulting

- Tableau Value Added Reseller since 2011
- Headquartered in Singapore with regional staff strength of over 80
- Platform Agnostic in providing our data management services
- 100% of Oak Consulting Data Analytics Projects commissioned “live”

2018 TABLEAU
PARTNER OF THE YEAR
SOUTH EAST ASIA

GOLD PARTNER


Applications
Applications
Applications
Web Services
Cloud Storage
Sharepoint
SFTP
SharePoint
JS API / REST API
Intranet Zone
Web Tier
Proxy Server
Proxy Server
App Tier
DB Tier
Intranet Clients
TabMon
LogShark
TabJolt
Common Services
Agency AD
WOG AD

Three Tier Architecture

- Three Tier Tableau Architecture Configuration
- Multi-Node Tableau Server Configuration
- Integration of Active Directory Forest
  - Agency and WOG Active Directory Services
  - Single Sign-On
- External Load Balancer Configuration
- Unit Test and Performance Monitoring
  - TabJolt, TabMon, Logshark

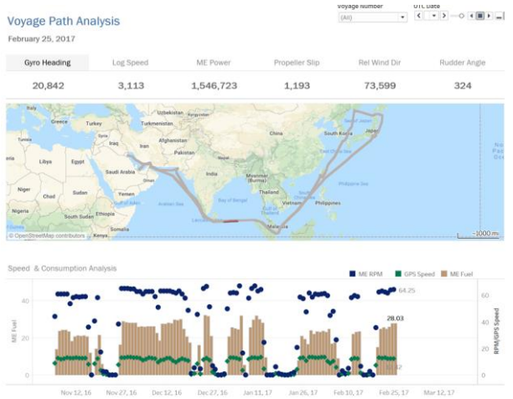
IOT Data Analytics Use Case

Vessel IOT (Sensor) Data, Fuel Management Data, Meteorological Weather Data, Customer Data >280 Vessels

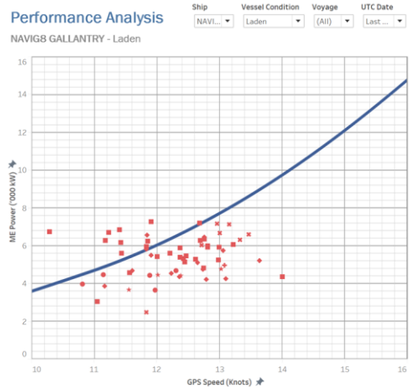
- End-to-end implementation of IOT data integration with weather and meta-data interfaces and provide analytics for the Command Center and Enterprise-wide Analytics
- Development of Tableau Reports and Dashboards for Vessel Management& Performance with Self Service Ad-hoc Data Exploration

Weather API

Yard Data

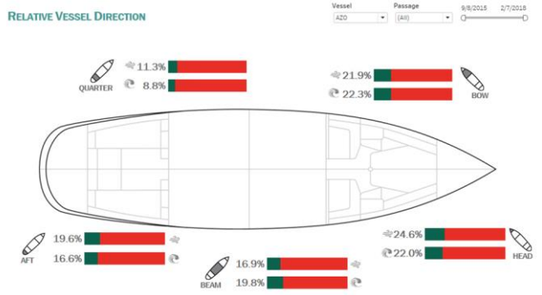


Captain's Reports



Q88 Metadata API

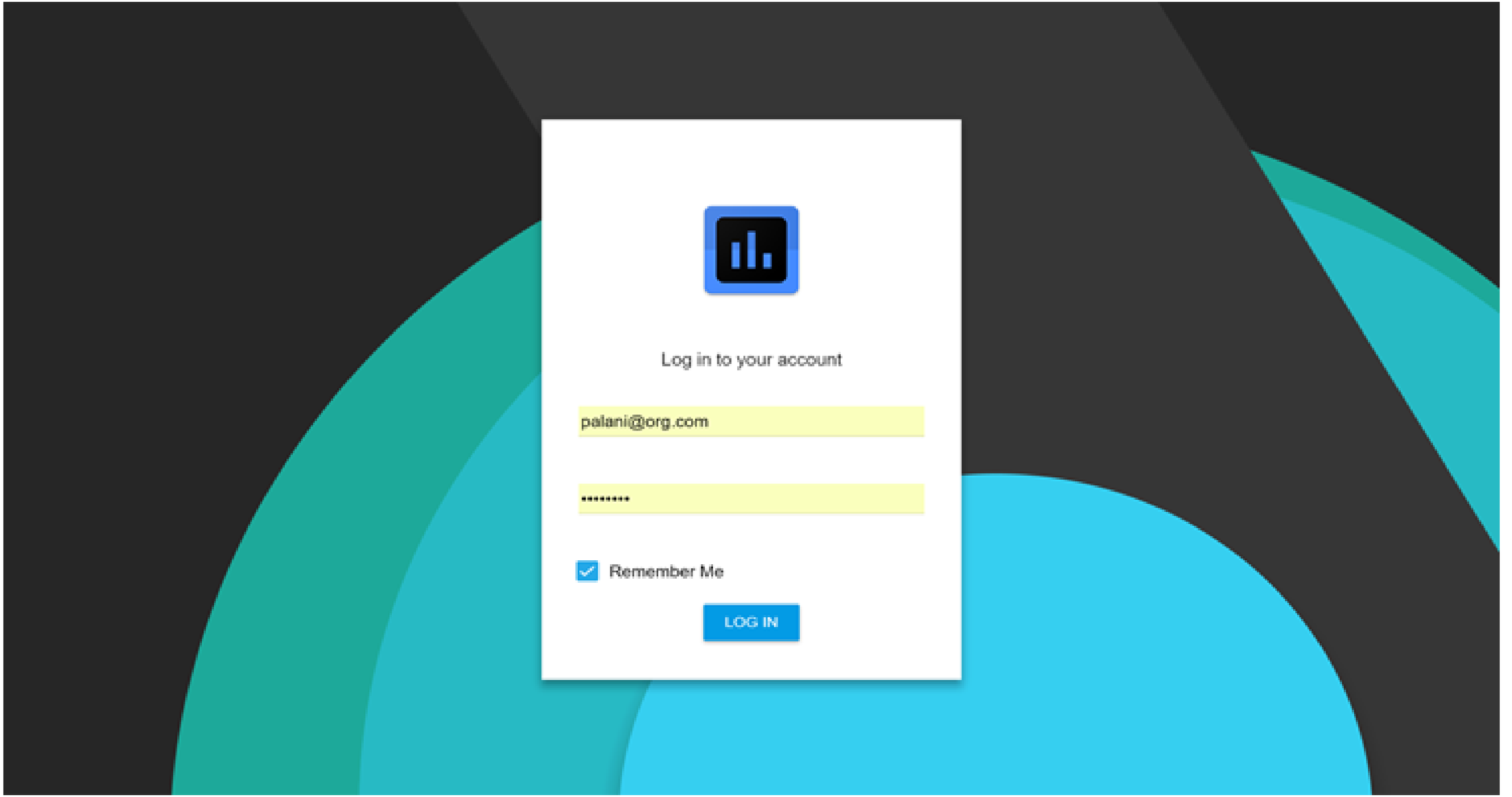
Sensors



Embedded Analytics

- Using Tableau Javascript API
- Multi input data format
- Streaming of Data

Login Page



Palani Selvam

Home

Vessel Tracking

VESSEL ANALYTICS

Vessel Analytics

MORE

My Profile

Welcome back, Palani!

VesselPosition

Position of the Vessels

VesselVoyage

Analysis of Vessel Voyage

Vessel Details

Vessel Details

Operations

Operations

Chartering

Chartering

Performancev2

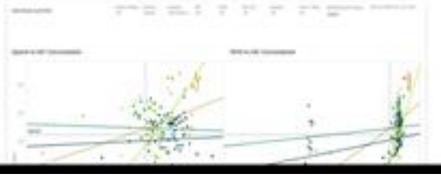
Performance Analysis

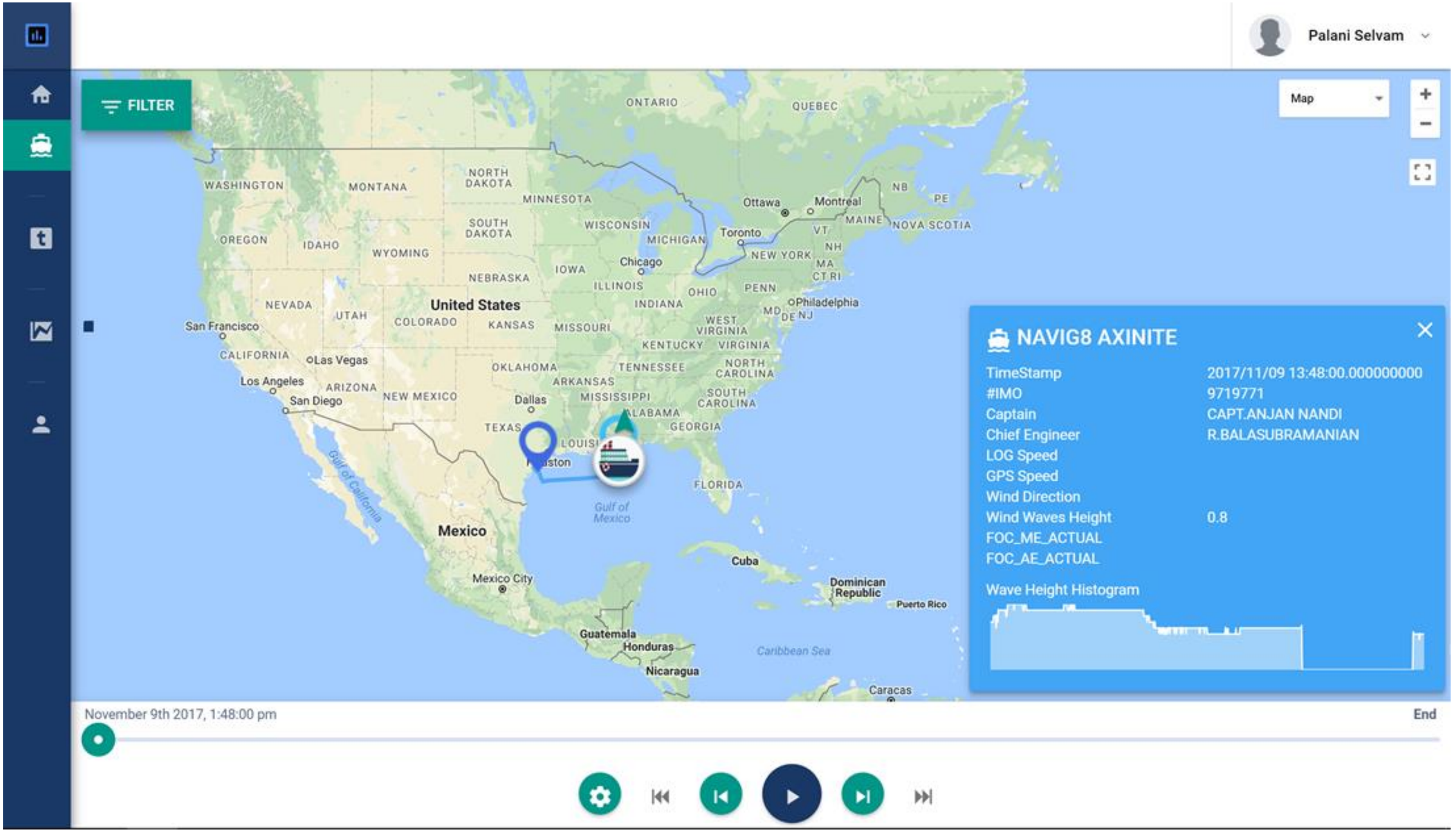
ShaftPowerVsFOC

Shaft Power Vs Fuel Oil Consumption

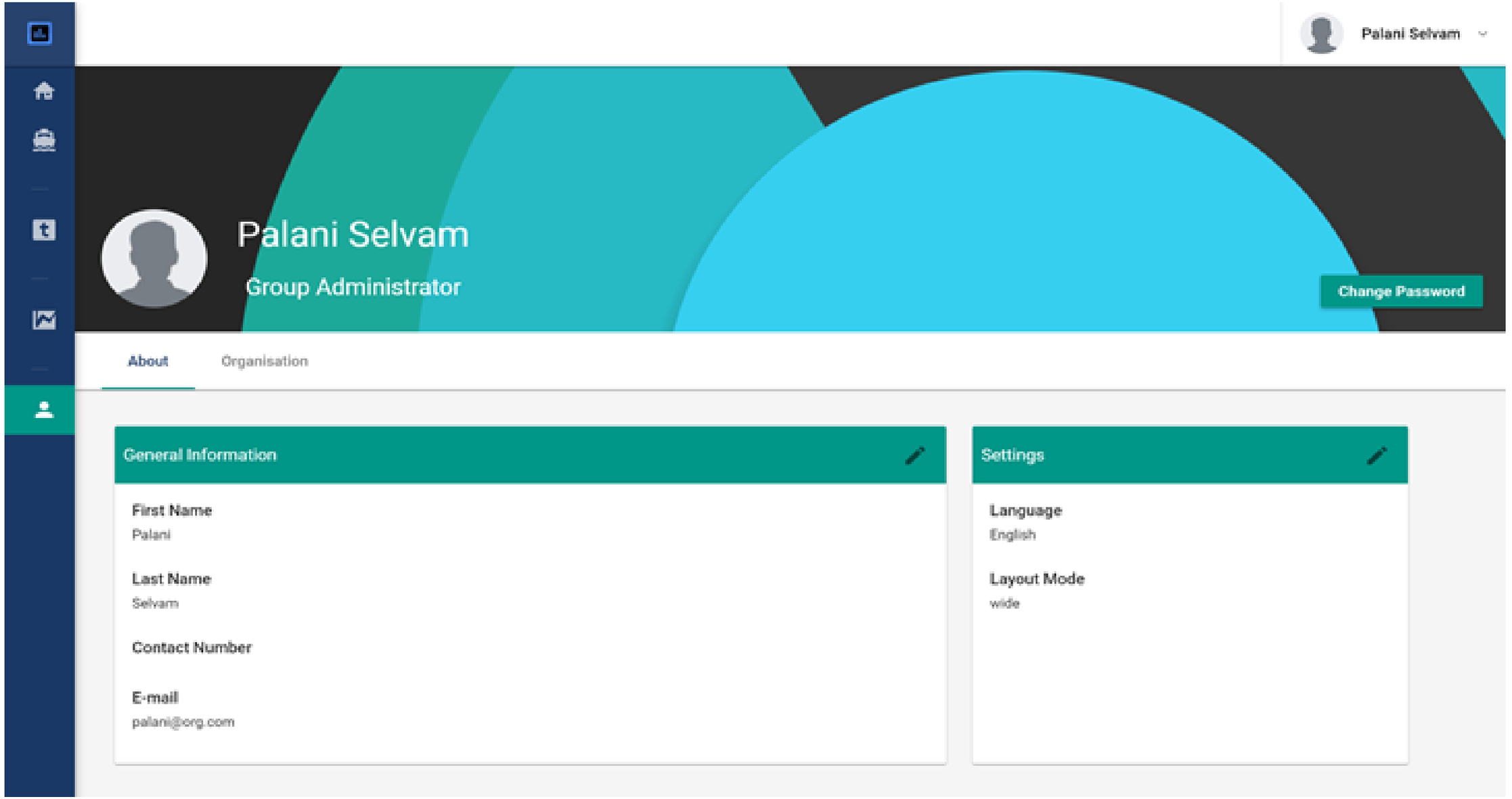
PerformanceTrendFu

Performance Trend Fuel Consumption vs True Speed




Palani Selvam
FILTER
Map
ONTARIO
QUEBEC
WASHINGTON
MONTANA
NORTH DAKOTA
MINNESOTA
Ottawa
Montreal
NB
PE
MAINE
NOVA SCOTIA
SOUTH DAKOTA
WISCONSIN
MICHIGAN
Toronto
VT
NH
OREGON
IDAHO
WYOMING
NEW YORK
MA
CT RI
Chicago
IOWA
NEBRASKA
ILLINOIS
OHIO
PENN
NEVADA
UTAH
United States
INDIANA
Philadelphia
MD
DE
NJ
COLORADO
KANSAS
MISSOURI
WEST VIRGINIA
San Francisco
KENTUCKY
VIRGINIA
CALIFORNIA
Las Vegas
OKLAHOMA
TENNESSEE
NORTH CAROLINA
ARKANSAS
Los Angeles
ARIZONA
San Diego
NEW MEXICO
Dallas
MISSISSIPPI
SOUTH CAROLINA
ALABAMA
TEXAS
GEORGIA
FLORIDA
Gulf of California
Gulf of Mexico
Mexico
Cuba
Mexico City
Dominican Republic
Puerto Rico
Guatemala
Honduras
Caribbean Sea
Nicaragua
Caracas
NAVIG8 AXINITE
TimeStamp 2017/11/09 13:48:00.000000000
#IMO 9719771
Captain CAPT.ANJAN NANDI
Chief Engineer R.BALASUBRAMANIAN
LOG Speed
GPS Speed
Wind Direction
Wind Waves Height 0.8
FOC_ME_ACTUAL
FOC_AE_ACTUAL
Wave Height Histogram
November 9th 2017, 1:48:00 pm
End

ADMIN MODULE



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