

# e-SHIPPING

#### the digital transformation of shipping By Mr. Dimitris Theodosiou





# **INFORMATION TECHNOLOGY NOWADAYS**

automated processes linked vessels with the office enabled e-communication (e-mails)



# THE SHIPPING INDUSTRY

- 1. Cut down costs
- 2. Improve Team Competence
- 3. Establish corporate infrastructure

Fact : IT is considered the key tool to achieve the above Result : Replacement of not performing IT systems





# WHAT IS NEW?

- 1. mobile devices
- 2. better ship to shore communication
- 3. internet of things & fog computing
- 4. big data analytics
- 5. a groundbreaking new circuit: memristor



# **Danaos Strategy**



Management Consultants S.A.

#### Integration

# Collaboration

Analytics

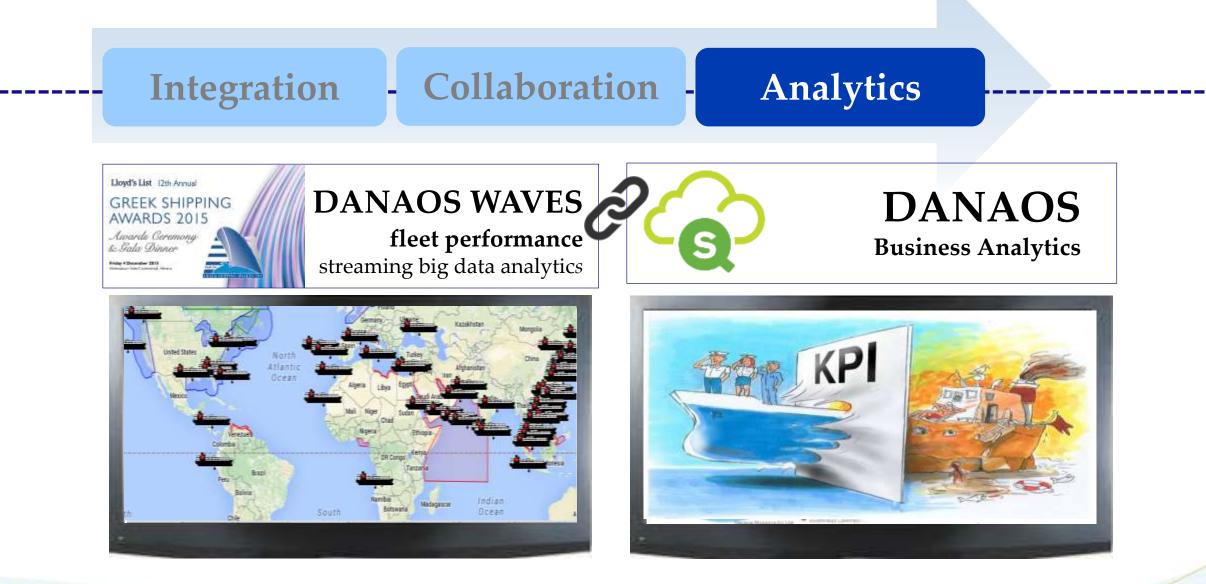
Share Corporate Information Exchange data Under your full control Without storing information on the cloud



- 1. Authorities,
- 2. Suppliers,
- 3. Auditors,
- 4. Brokers,
- 5. Consultants,
- 6. Charterers,
- 7. Partners etc.

Any System They use









- DanaosONE<sup>TM</sup> native drivers for any mobile device
- Make any process rendered on danaosONE mobile
- Fully User defined



# Cloud

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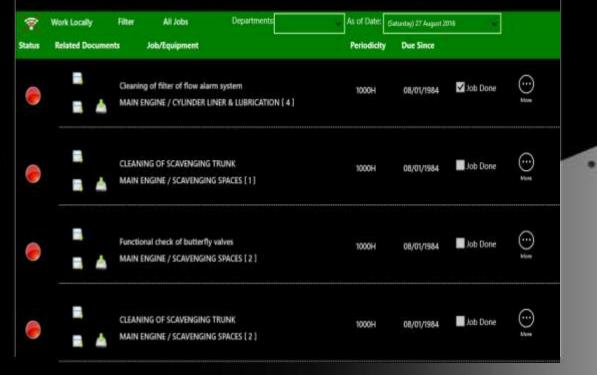
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Mobility

devices

#### • Maintenance of ALS DANAOS90(04) as of date 27/08/2016

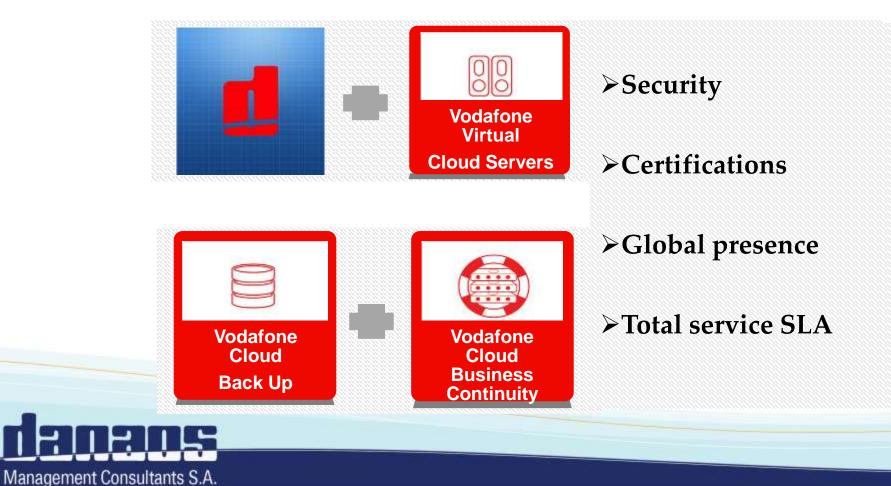




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#### SaS model in place The PRIVATE cloud experience by Vodafone and DANAOS







Make the vessel part of the corporate network

Cloud

**Replacing synchronization with web services** 

**Empower 'smart ship' solutions** 



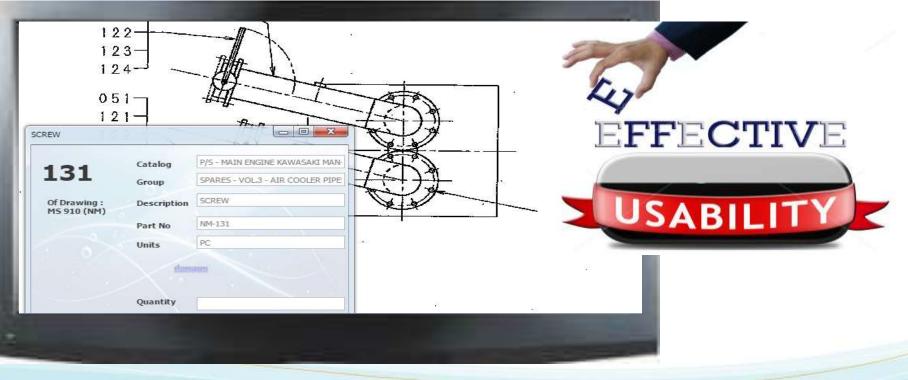




# Usability

## Content & Services

Design your own menus User defined dashboards Electronic drawings

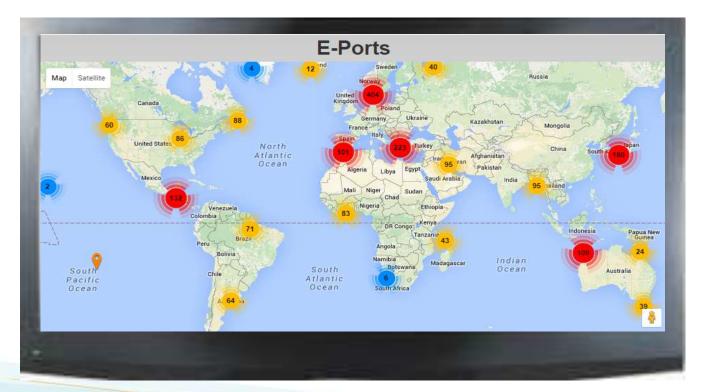




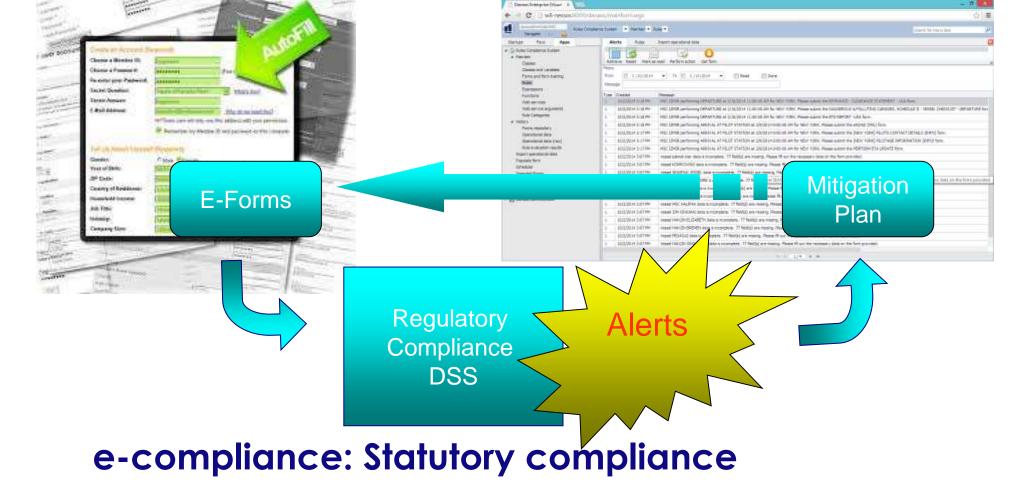
# Usability

#### Content & Services

**Professional shipping services are now available on DanaosONE Shipping content and data bases are ready for you to capitalize** 







# Alerts the officer for pending actions. User reacts on Alerts in one single screen

Produces the forms to be submitted (Submitted forms are filled).





### The key challenges have been always the same!

When to buy or sell - The people - The System Technology will definitely improve Performance, Efficiency, Quality, Safety, Environment, etc. Support lean and sustainable shipping operations integrated in modern supply chains



# e-shipping

#### the digital transformation of shipping



#### Thank you for your attention....!

Dimitris Theodosiou, Managing Director, Danaos Management Consultants S.A. <u>contact@danaos.gr</u> +302104196600 <u>www.danaos.gr</u>,www.danaos1.com





Government Faces a Big Data Challenge

#### Advantages of big data

(AS CITED BY RESPONDENTS)

- Overall efficiency....59%
- Improving speed/ accuracy of decisions....51%
- Ability to forecast....30%

# Shipping is all about decision making....

Big data analytics will definitely improve **Performance, Efficiency, Quality, Safety, Environment, etc. Support lean and sustainable shipping operations integrated in modern supply chains** 



# Reasons preventing companies capitalizing on

# 'Big Data'!





from Big Data

Cultur

Technological

Cultural