

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

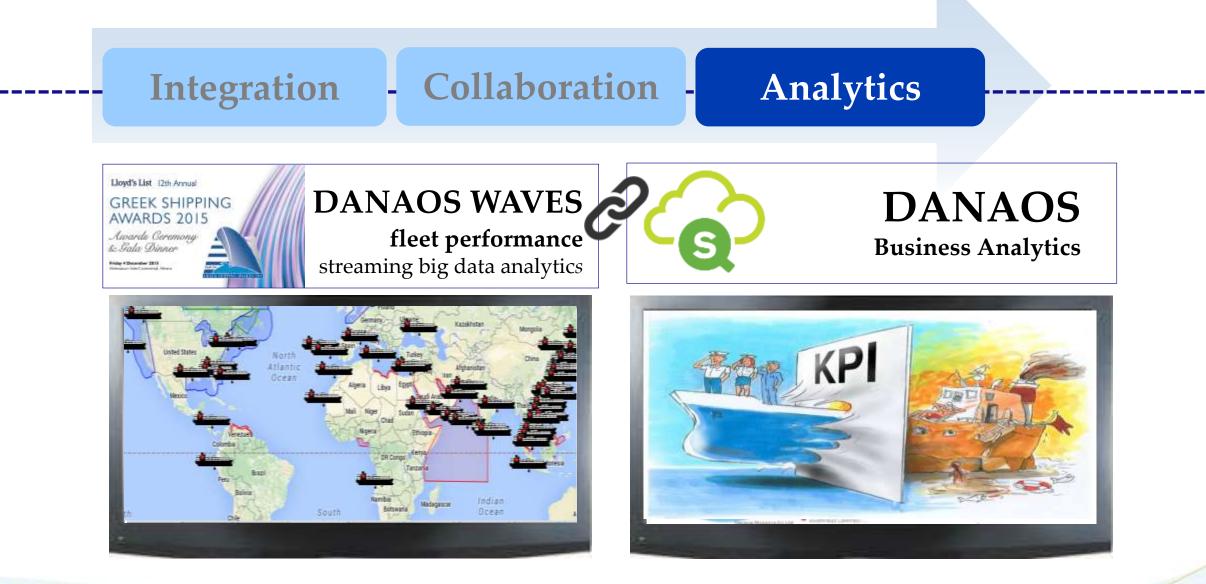
Share Corporate Information Exchange data Under your full control Without storing information on the cloud



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

Any System They use









- DanaosONETM native drivers for any mobile device
- Make any process rendered on danaosONE mobile
- Fully User defined



Cloud

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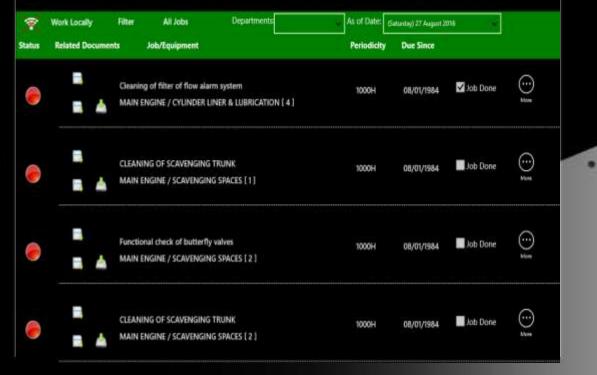
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Mobility

devices

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

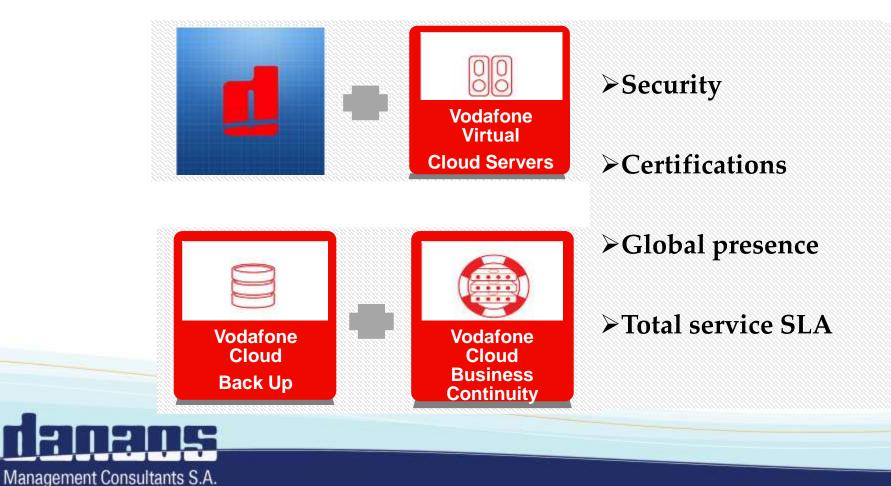




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SaS model in place The PRIVATE cloud experience by Vodafone and DANAOS







Make the vessel part of the corporate network

Cloud

Replacing synchronization with web services

Empower 'smart ship' solutions



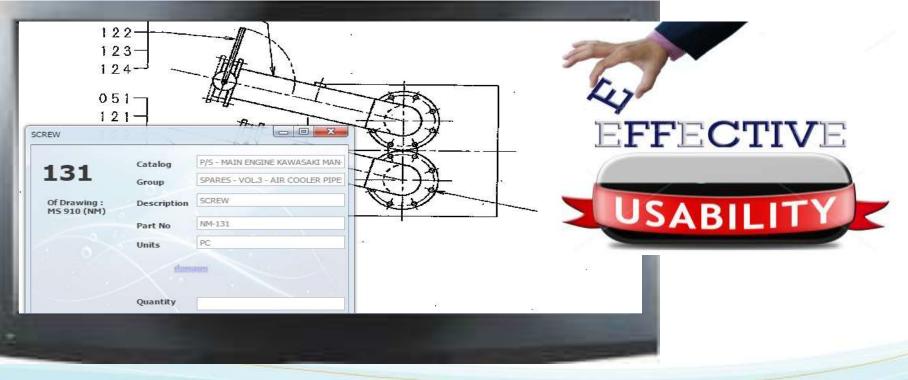




Usability

Content & Services

Design your own menus User defined dashboards Electronic drawings

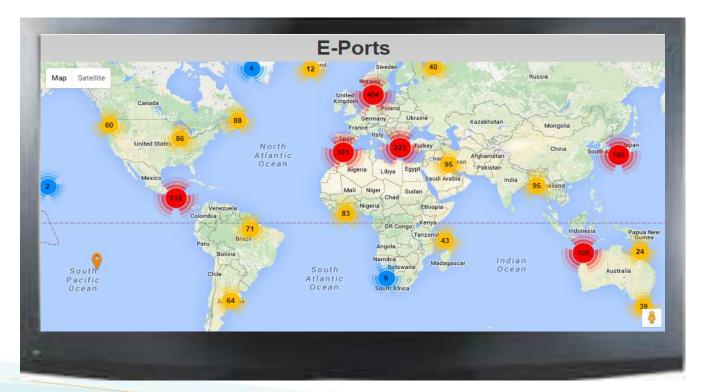




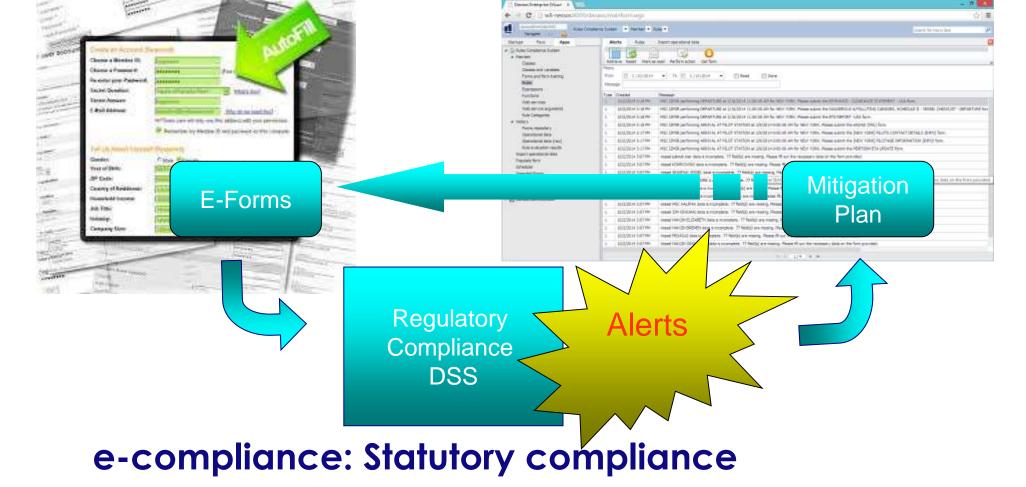
Usability

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



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Thank you for your attention....!

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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