



Andreas Polidis

IT Advisor

asp1@ionicship.com

“Unlock DATA Power”

Agenda

- **The Need**, force us to design and implement this project
- **The Challenges**, we faced during design phase
- **The Solution**, finally chosen to support our needs
- **The Outcome**, of our efforts
- **The Future**, of the project in terms of next steps

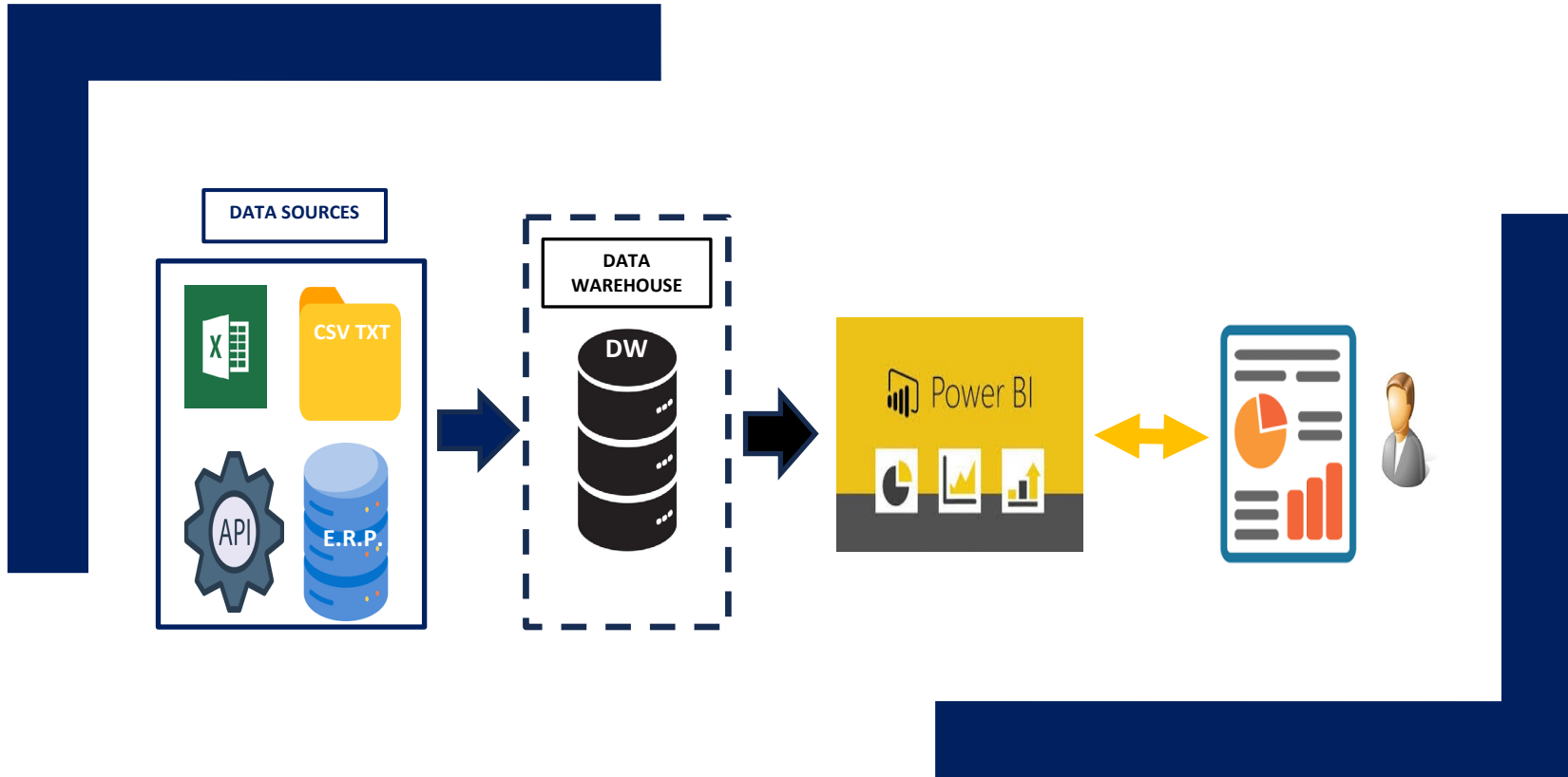
The Need

- Answer daily business questions
- Easy access to business data
- Ensure secure and controlled access to information
- Be able to extend data-set based on needs
- Ensure access to always updated data
- Overcome existing systems limitations

The Challenges

- Islands of information
- Different type of data sources
- **Data ownership**
- **Data Definitions**
- Lack of expertise and comprehension
- Systems vendors involvement needed

The Solution



The Solution

- **Data Warehouse**

- Gathers data from many different sources and data types
- Minimize performance impact on production systems
- Integrates isolated dimensions and create new ones
- Increases analysis performance and capabilities
- Grows with the business

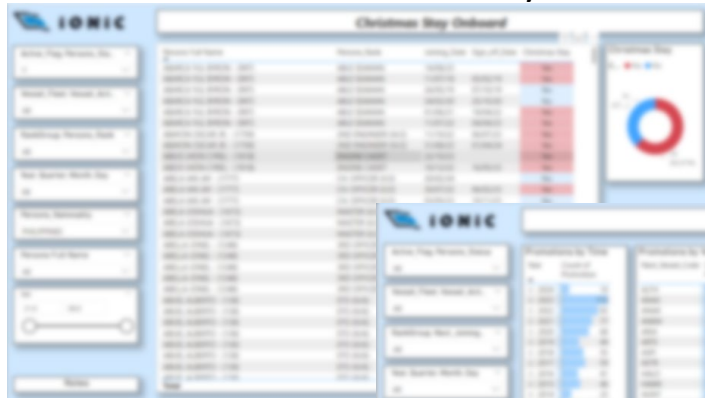
- **Microsoft Power BI**

- Provides powerful tools for data analysis
- Allows to build advance and complex reports
- User-friendly working interface
- Extended integration with MS Office and O365
- Flexible and controlled access to data

**The
Solution**

The Outcome

Christmas Stay Onboard



Promotions Analysis



Handover Analysis



Data Definitions

Notes: All the statistics pages can be filtered by multiple filters such as, rank, time, vessel type code, crew nationality, permit name, etc. All the pages contain a full version list that apply to the statistics and filters selected. You can right click on a person to add them to personal default.

Progress
Count of sign-off events. The person may have multiple sign-off events.
Date is joining date.

Release
Count of sign-off events. The person may have multiple sign-off events.
Date is sign-off date.

Medical Repatriation
Count of sign-off events for medical repatriation events.
The person may have multiple medical repatriation events.
Date is sign-off date.

Promotions
Count of sign-off events for promotion events.
Date is sign-off date.

Average of sign release
The average of the number of releases between the joining date of the next sign-off event (joining date) and the next sign-off date.
Date is joining date.

Average of sign release span
The average of the number of releases between the joining date of the next sign-off event (joining date) and the next sign-off date.
Date is joining date.

Average of sign release
The average of the number of releases between the joining date of the next sign-off event (joining date) and the next sign-off date.
Date is joining date.

Handover Statistics
The number of handover events by rank and nationality.
Date is handover date.

Christmas Stay Onboard
The number of Christmas stay on board events for the duration between 25th Dec to 31st Dec.
Date is Christmas stay on board date.

Handover
The page can calculate the days of experience of multiple persons of the sign-off date or before.
The page can calculate the days of experience of multiple persons of the sign-off date or before.
The page can calculate the days of experience of multiple persons of the sign-off date or before.
The page can calculate the days of experience of multiple persons of the sign-off date or before.
The page can calculate the days of experience of multiple persons of the sign-off date or before.

- More business data to be included
- Become the main source for business information
- Develop in-house expertise
- Extend the access to the vessels

The
Future



Unlock
DATA
Power

THANK YOU