



宁波航运交易所
NINGBO SHIPPING EXCHANGE

Marine Silk Road Index (MSRI): Maritime Index for the Era of Internet + 海上丝路指数：互联网加时代的航运指数

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航运指数 Maritime Index

- 航运指数有运价指数、景气指数、评估排名指数等几大类型。其中影响力和关注度比较高的还是运价指数。
- Different types of Maritime indices: Pricing and benchmark index, prosperity characterization index, evaluation and ranking index.



Clarksons



航运运价指数 Shipping Pricing Index

- ✪ 目前绝大多数的航运运价指数都是依靠经纪人或企业人员报送数据。
- ✪ 指数发布周期多为一周一次或一天一次。
- ✪ 指数编制过程中编制人员一般也需要对数据作个人判断。

- ◆ Most of the shipping freight pricing indices collect the data sample from personnel: The brokers or staff of enterprises submit the data of freight to the panel of index.
- ◆ Most indices are currently issued daily or weekly.
- ◆ Analysts are supposed to do verification and judgment personally in the index compiling.

目前航运指数存在的问题

The Weakness of Shipping Index

- ★ 人的参与度过高：参与人的判断尺度、经验、责任心和职业操守都会影响到采样数据和指数的质量
- ★ 数据采样效率过低
- ★ 指数发布频率太低

- ◆ Data sampling and index compiling are subject to the different judgment scale, experience, and professional ethic of personnel in the index panel
- ◆ Low efficiency of data sampling
- ◆ Publication frequency of shipping index is quite low, comparing to trading subject index.

这几大问题，造成了航运指数参考时效性相对薄弱，变成衍生品后交易活跃性不足，且容易引起金融监管机构的质疑。

The derivative of shipping pricing index lack activity for trading. And the financial regulators often doubt for its standard and transparency.



互联网 + 航运的发展带来了航运指数的创新

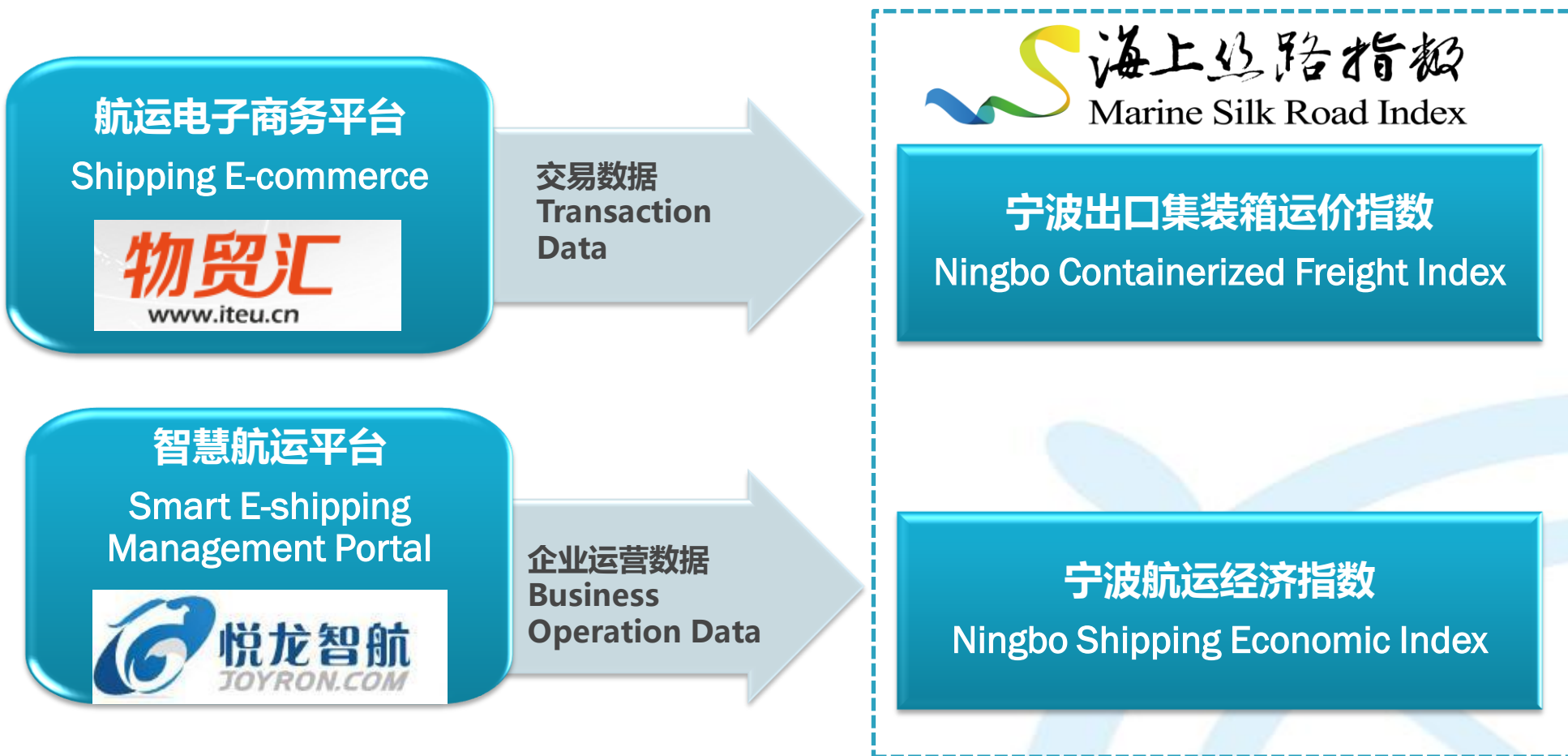
Internet+ Shipping Launch the Innovation of Shipping Index

- ✪ 减少或杜绝了人为因素的影响
- ✪ 可实现快速的数据采集和处理
- ✪ 数据来源更加广泛，采集成本大大降低
- ✪ 大数据技术的发展为数据分析提供更广阔的前景
- ✪ 信息发布更为快速，传播范围扩大

- ◆ Reduce and eliminate the affection of personal factors.
- ◆ Quick collecting and processing of data
- ◆ More data resource and lower collecting cost
- ◆ Dig data technology provides more methods for data analysis.
- ◆ Easy for publication and broadcast

CASE

海上丝路指数：使用互联网和大数据方式编制指数 Maritime Index for the Era of Internet +



Marine Silk Road Index (MSRI)

海上丝路指数：连接全球港口航运企业的纽带

- 数据连通，信息共享
- Data connecting, Information Sharing





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