

Big Data's Search for the Killer App

INTAN – BENJARAT – WAFA - PUTERI



# **History**

**Kyruus was founded** by Gardner and Yoo

Kyruus had a number of key decision to make and identify the "killer app"

2010



2012









2011

**Generation Health** 

was acquired by CVS Caremark

The Kyruus data platform relied on both

Public and Private

Information





### **PRODUCT**

Provide data and analytics about 800.0000 physicians
In United States



### **PRICE**

**VERY EXPENSIVE** 

US\$ 80.000 +++



### **PLACE**

Some of the leading

Academic Medical Center

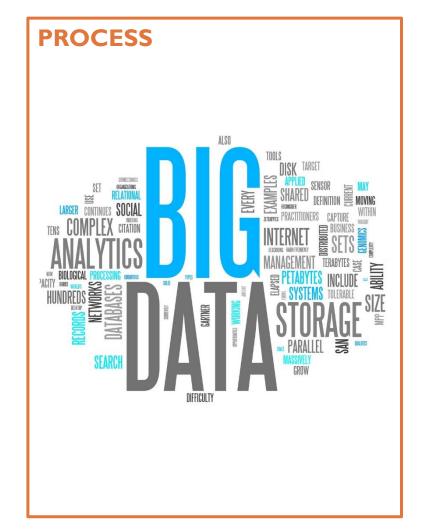
















Association for its product
Unique and Disruptive Product
Most Accurate data available

NOT a BIG company

Expensive Product

Less investor in new customer segments

S



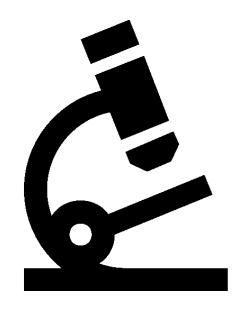
Potentially **Very profitable** emerging market **Small competitor** in healthcare industry **New customer segments** (hospital / industry)



Medical regulation change
Innovative product competitor
Budget of HCIT



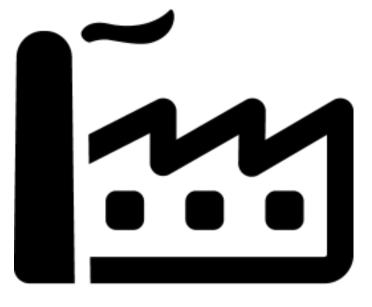
# What's the next Killer App for one of this market?



Academic Medical Center



Hospital



Life Science Industry

# **MARKET OPPORTUNITIES**





# **Target**

### Goal

### Benefit

Risk

# Academic Medical Center

Help meet the compliance regulation of the PPSA

- Could reach CFBE with \$4 million
- Investor support
- Team can focus on development
- Low revenue
- Limited Market due to HCIT budget
- Regulation change
- Meet the need of hospital's directors
- Not long-lasting product

### Hospital

Reducing "leakage" of patients to other institutions

- Larger Market
- High revenue

- Need \$10 million
- Outside investor needed

### Life Science Industry

Clinical expert identification and engagement tool

- Maximize impact of Kyruus' data platform
- Profitable market
- Multiple clients
- High revenue
- Very large market
- Need \$20 million from outside investor
- Different with Kyruus' vision
- Conflict of interest
- Need more resources
- More efforts to develop

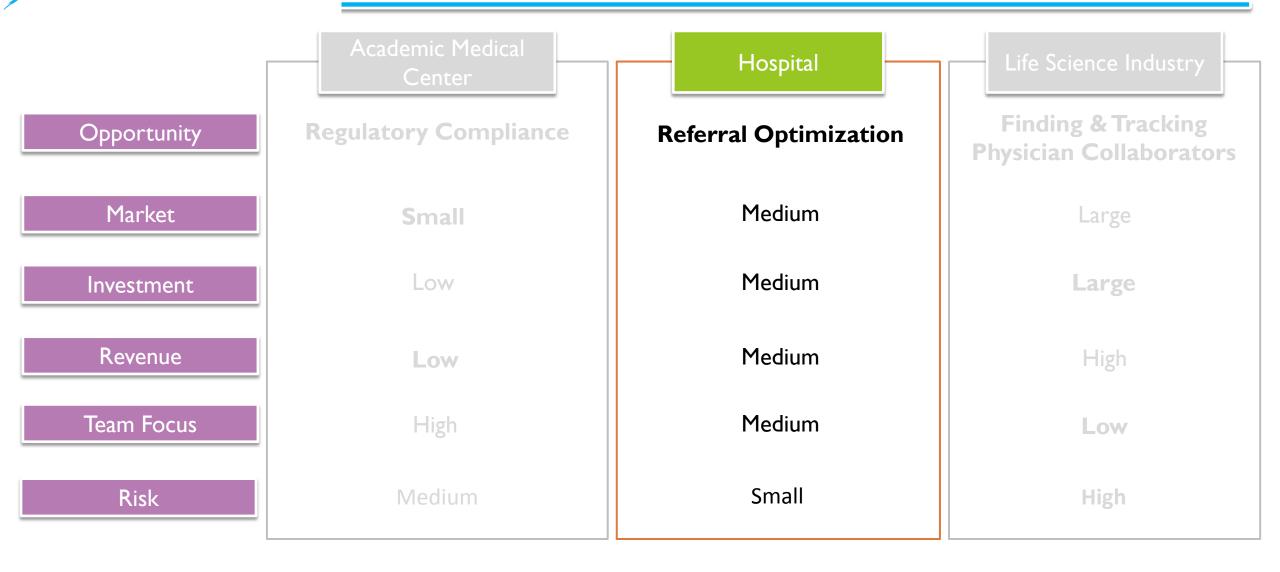


# Comparison

Academic Medical Hospital Life Science Industry Center Finding & Tracking **Regulatory Compliance** Opportunity **Referral Optimization Physician Collaborators** Market Medium Large **S**mall Medium Large Low Investment Revenue Medium High Low Team Focus Medium High Low Small Risk Medium High



## **Solution**



**Current Situation** 







# **Patient data**

- Profile
- Medical history
- Health condition
- Insurance



# **Physician Data**

- Education
- Licensing
- Publication
- Interactions with industry
- Prescription and medical device utilization patterns

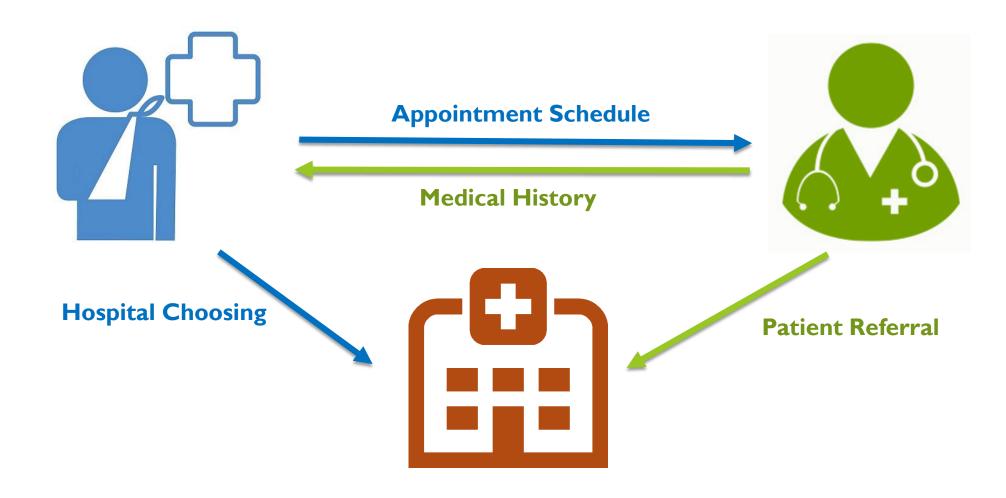


# **Hospital Data**

- Profile
- Location
- Insurance covered
- Institutions cooperation









# **System Implementation**

Data - Driven Interfaces
To Support
Business Processes











Analytics & System - Specific Rules

**Rules Engine** 

**Analytic Engine** 

**Workflow Engine** 

Data Integration & Pre-Population

**Kyruus Profile Master** 

Operational DBs

Financial DBs

Clinical DBs

Patient DBs

Physicians DBs

Hospital DBs









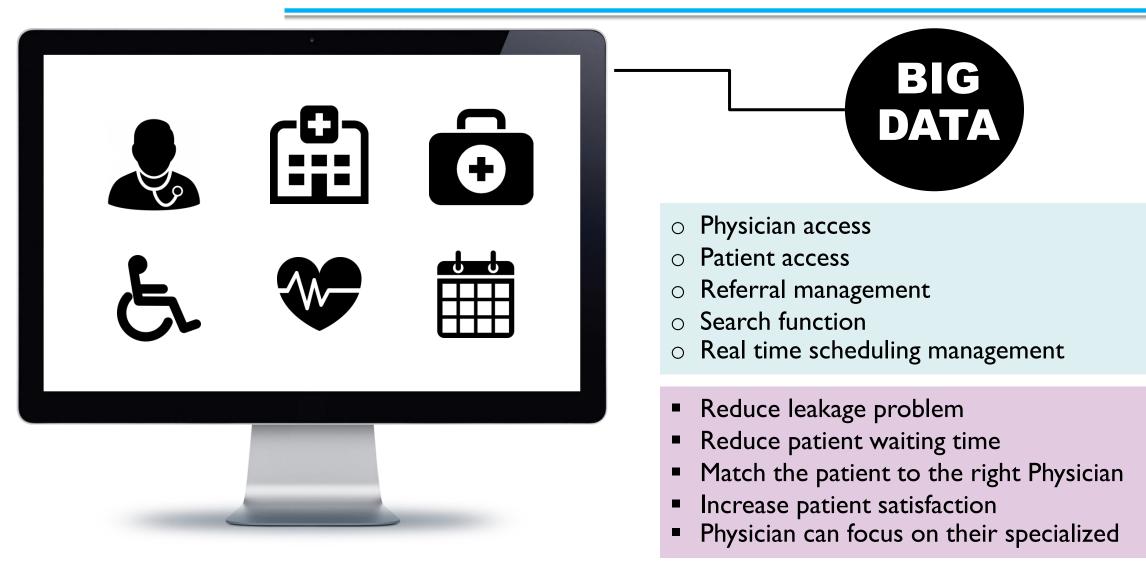


Source : cbinsights.com





# Platform for physicians and patients





**Subscription Fee** 

Charge \$1000 per affiliated physicians

1000 physicians in network

\$ I million / year In a network

**No Subscription Fee** 

Charge based on percent leakage reduction

0.5% - 1% of increased revenue

Increase 4% from \$ 880 million loss Is \$ 80 million++

Nearly \$ I million / year
In a customer





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Nearly \$ 1 million / year only for a customer

400 large hospitals

\$400 million per year

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