

ASEAN-NICT ICT Roundtable 2015

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Bangkok, Thailand

# Collaborating for Wireless Growth: Adoption of Open Innovation Platform for IoT

Boon Choong Foo  
Senior Director, MIMOS Berhad

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# MIMOS: An Overview

## R&D to drive development of indigenous ICT industry

### 1985 - 1990

Unit under the Prime Minister 's Department:  
R&D in ICT and Microelectronics

### 1991 - 1996

A Department under the Ministry of Science, Technology and the Environment: emphasis on R&D and assumed role in IT policy development

### 1997- 2003

MIMOS Berhad was formed, as a MoF Incorporated Company

#### Mandates:

- R&D in ICT & Microelectronics
- Business Development
- National ICT Policy Secretariat

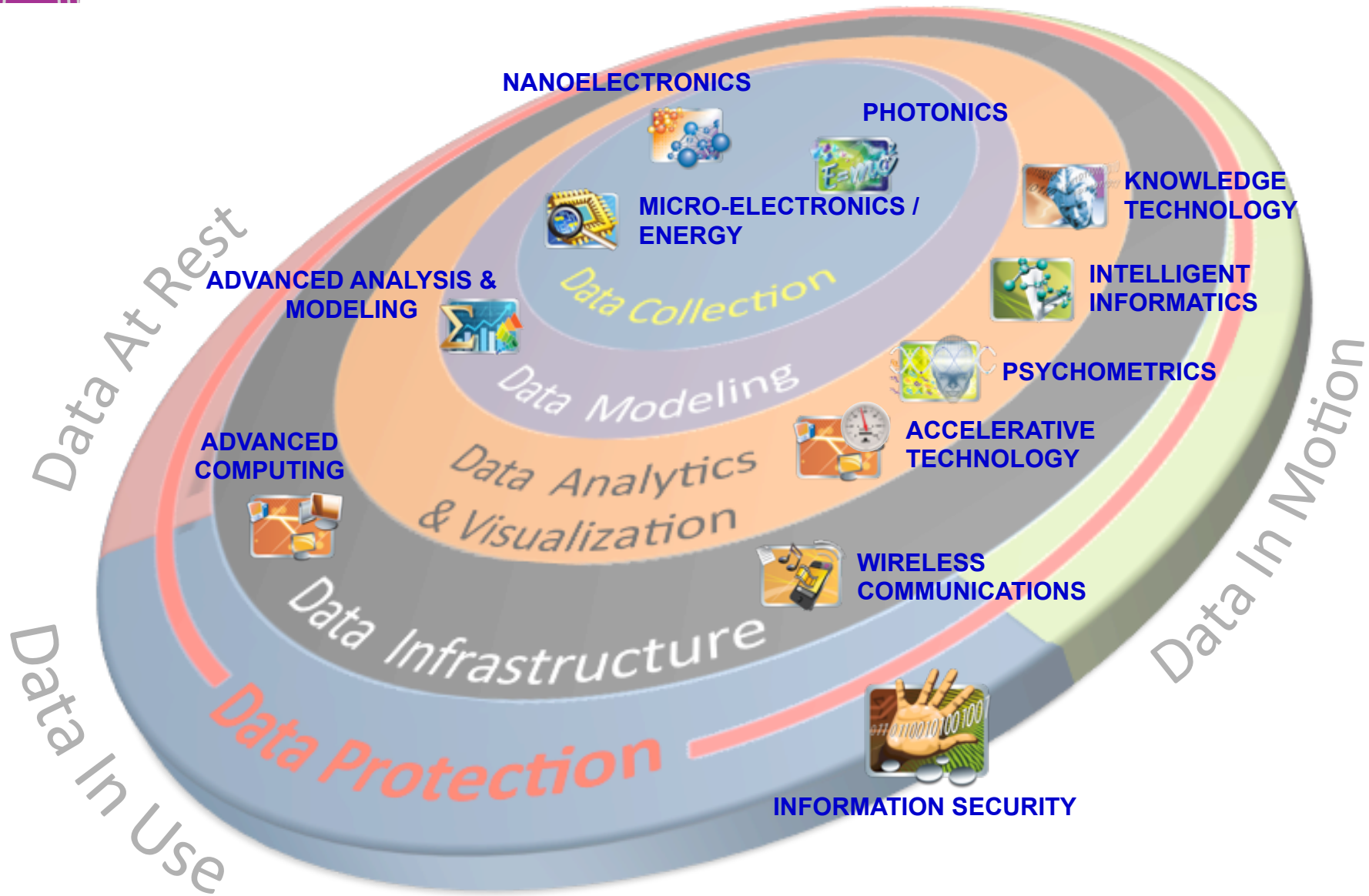
### 2004 - Present

#### New mandate:

To focus on R&D in ICT & Microelectronics for national competitiveness



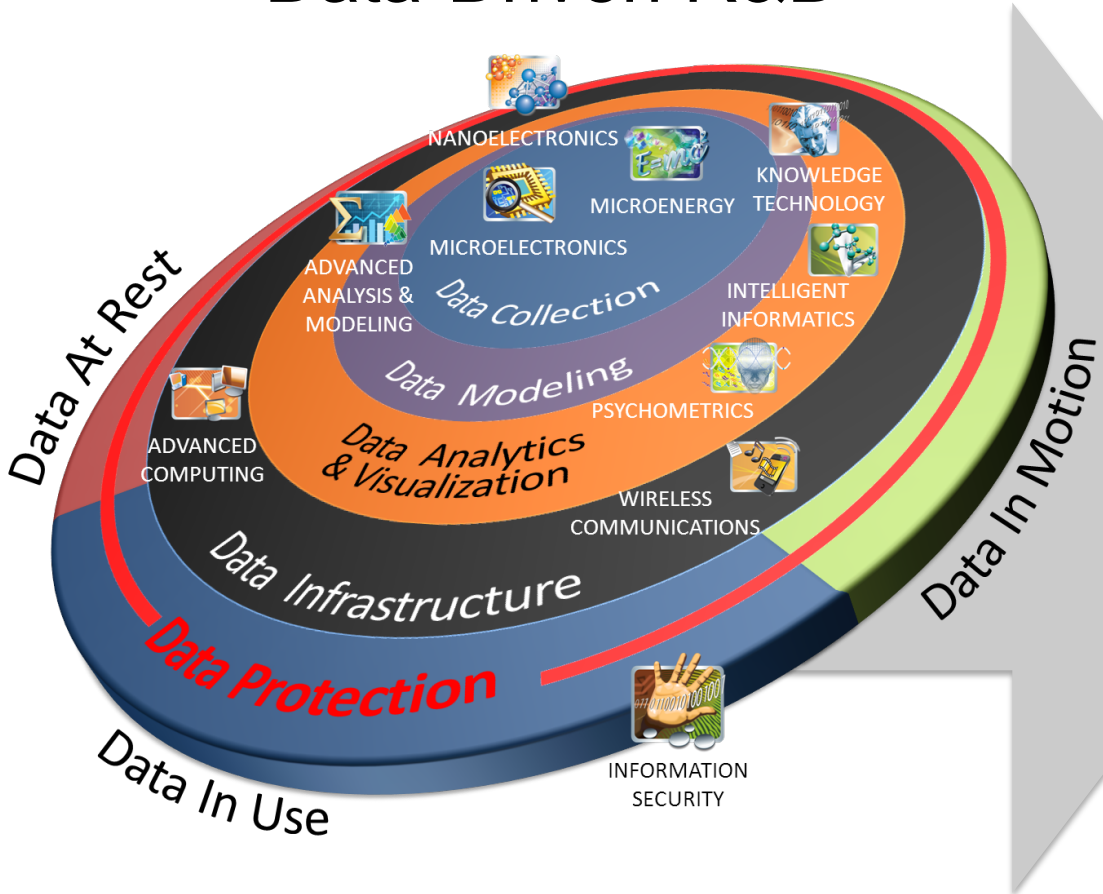
# Our Research Clusters





# MIMOS R&D Focus

## Data-Driven R&D



- Enterprise solutions
- Wireless Network Solutions
- Sensor technology solutions



# Predictions on Malaysian Telecoms



## Managed Services Trend Will Begin To Rise In Telecom Market

Managed services market in Malaysia is expected to grow by 9.3% to RM6.4 billion in 2015.



## Telecom Providers Will Begin Monetizing Their Data Internally And Externally

Data monetization will be important for mobile service providers to create new revenue streams.

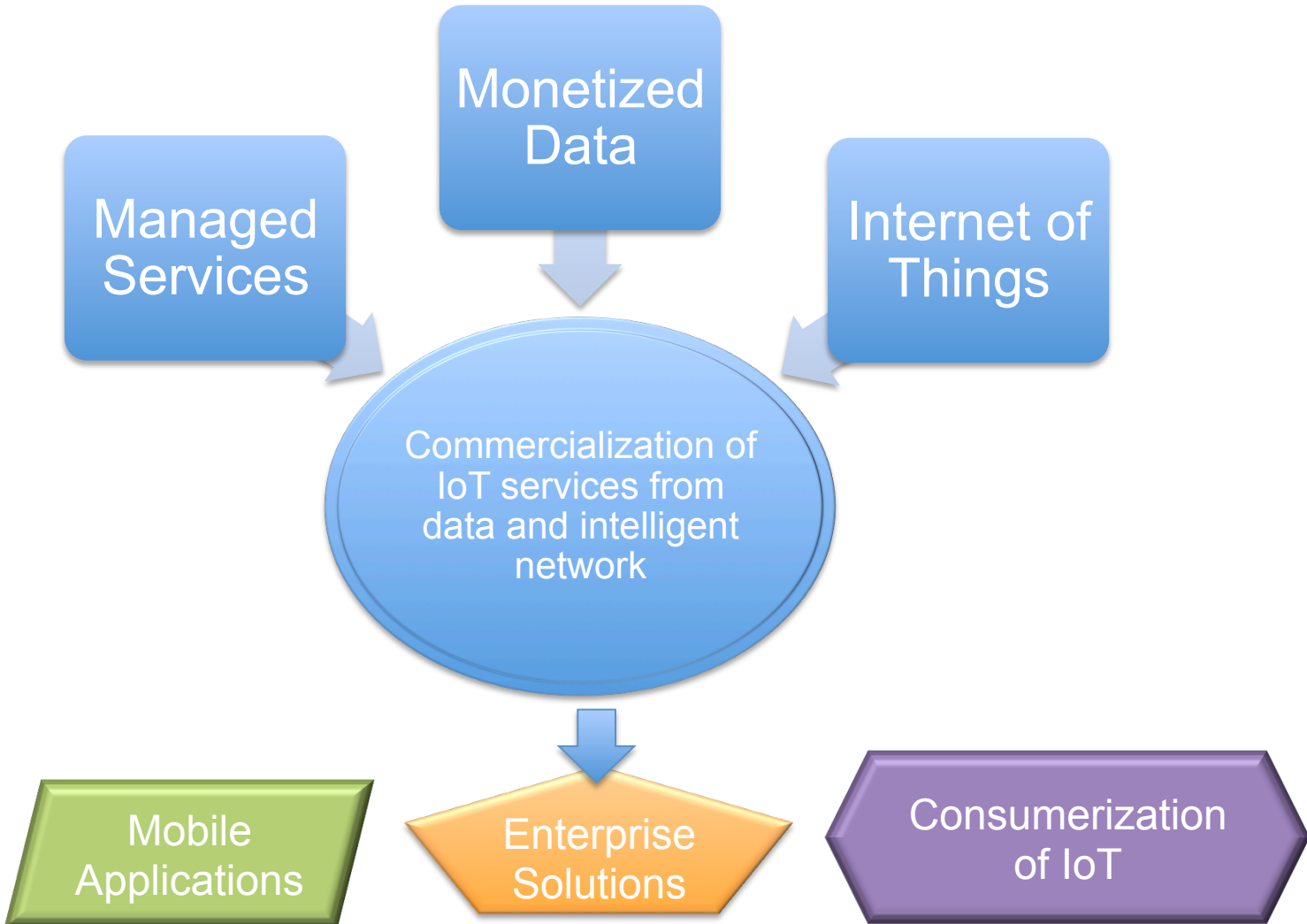


## Telecom Providers Will Expand Ecosystem Partners And Drive The Market As M2M Evolves To IoT

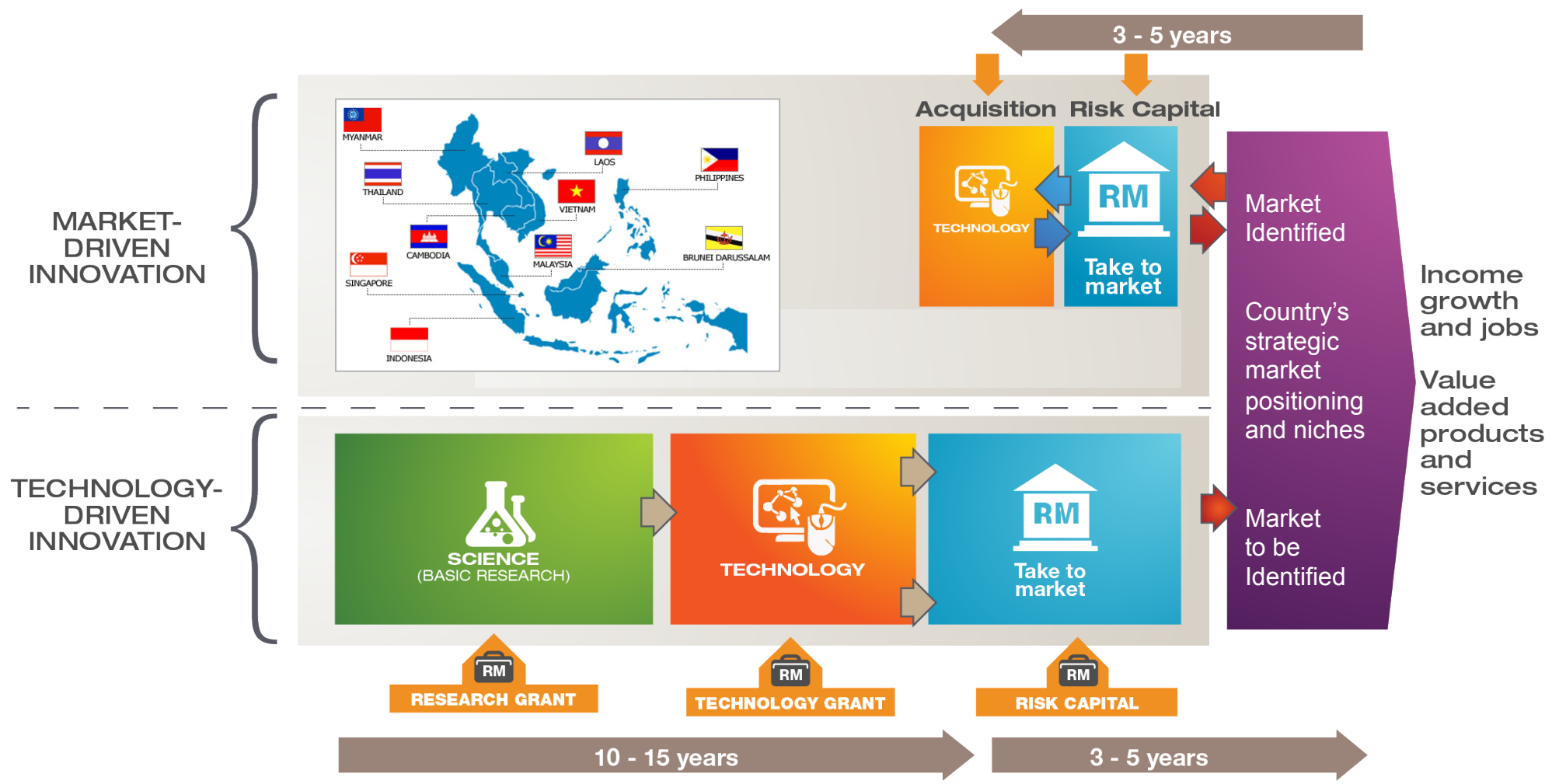
IoT is expected to happen in Malaysia in 2015, driven by the government and multi-national manufacturing companies based in Malaysia.



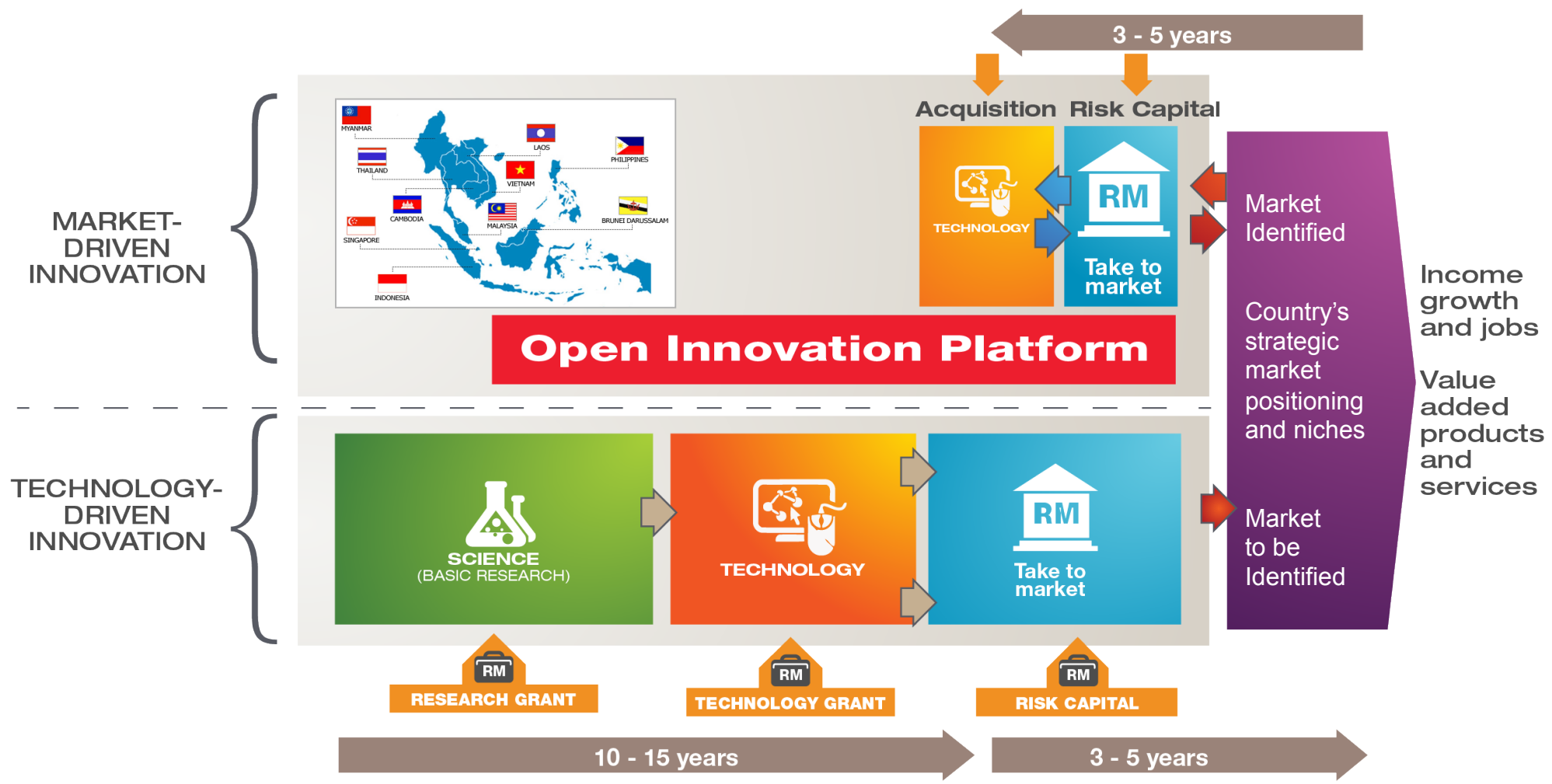
# Commercialization of Services



# Universal Innovation Model

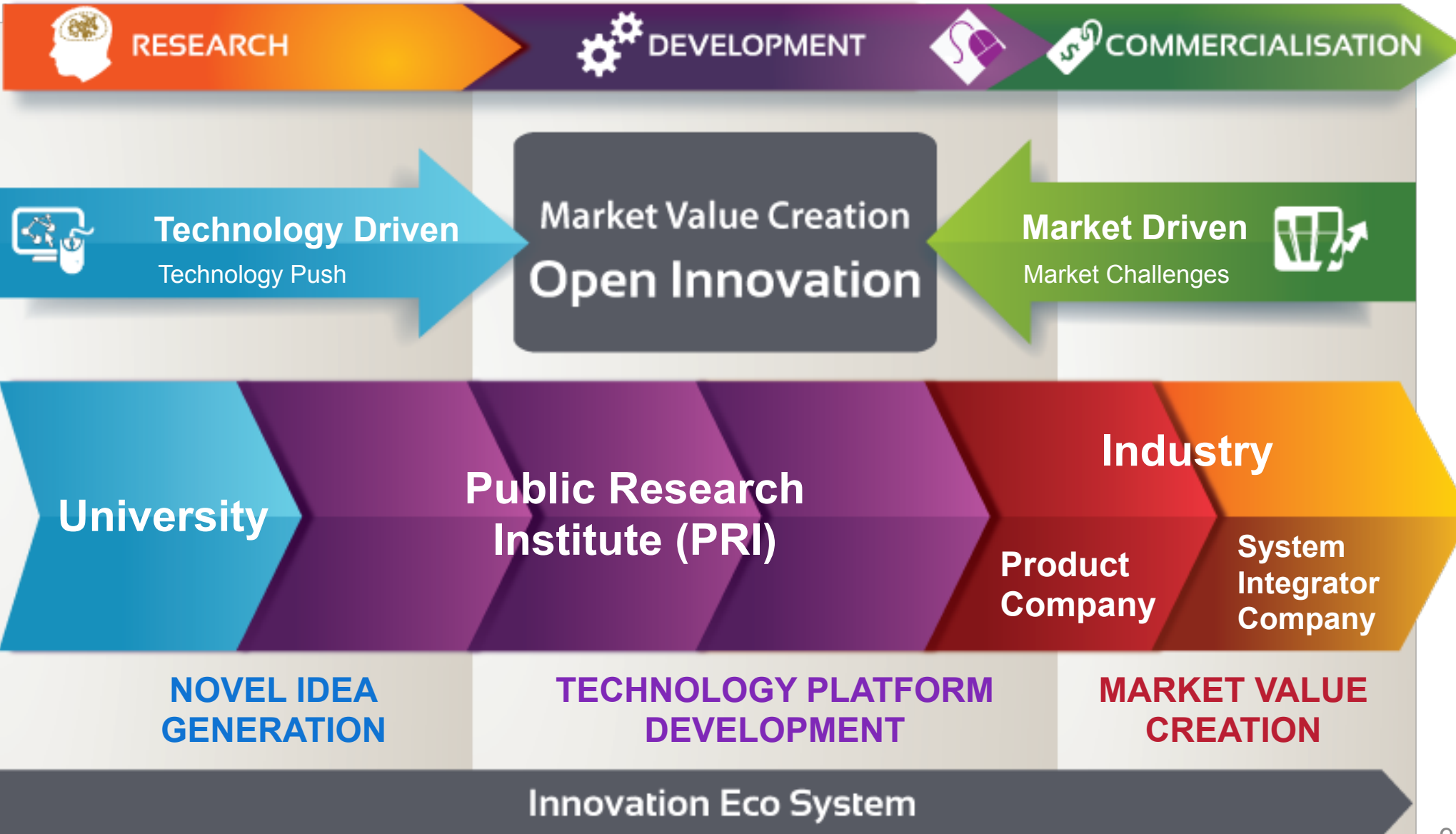


# Open Innovation Platform to accelerate industry growth

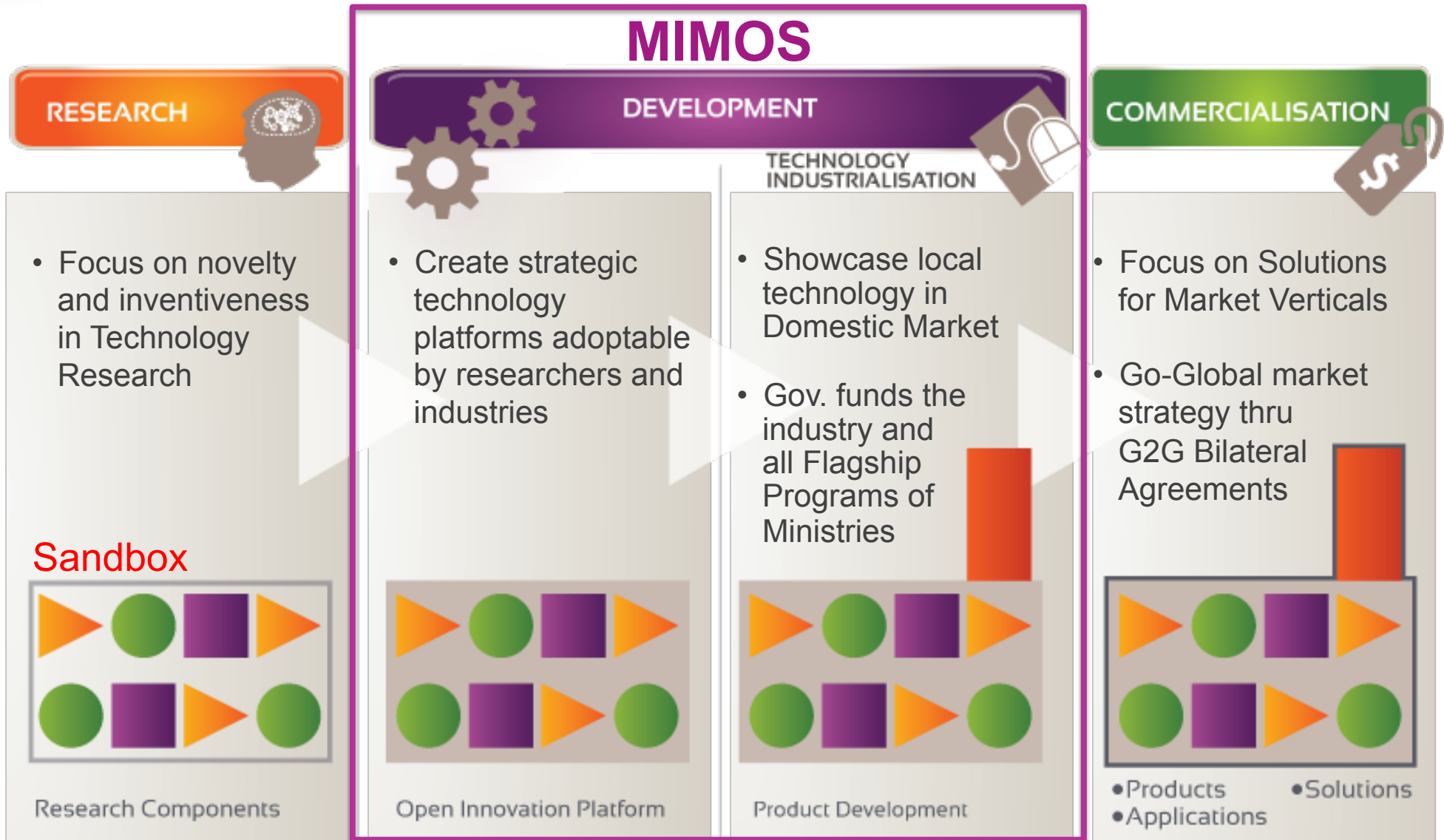




# Collaborating for Success



# Value of Open Innovation Platform



Acquire  
 Existing  
 New Component

## Speed To Market Thru Open Innovation Platform

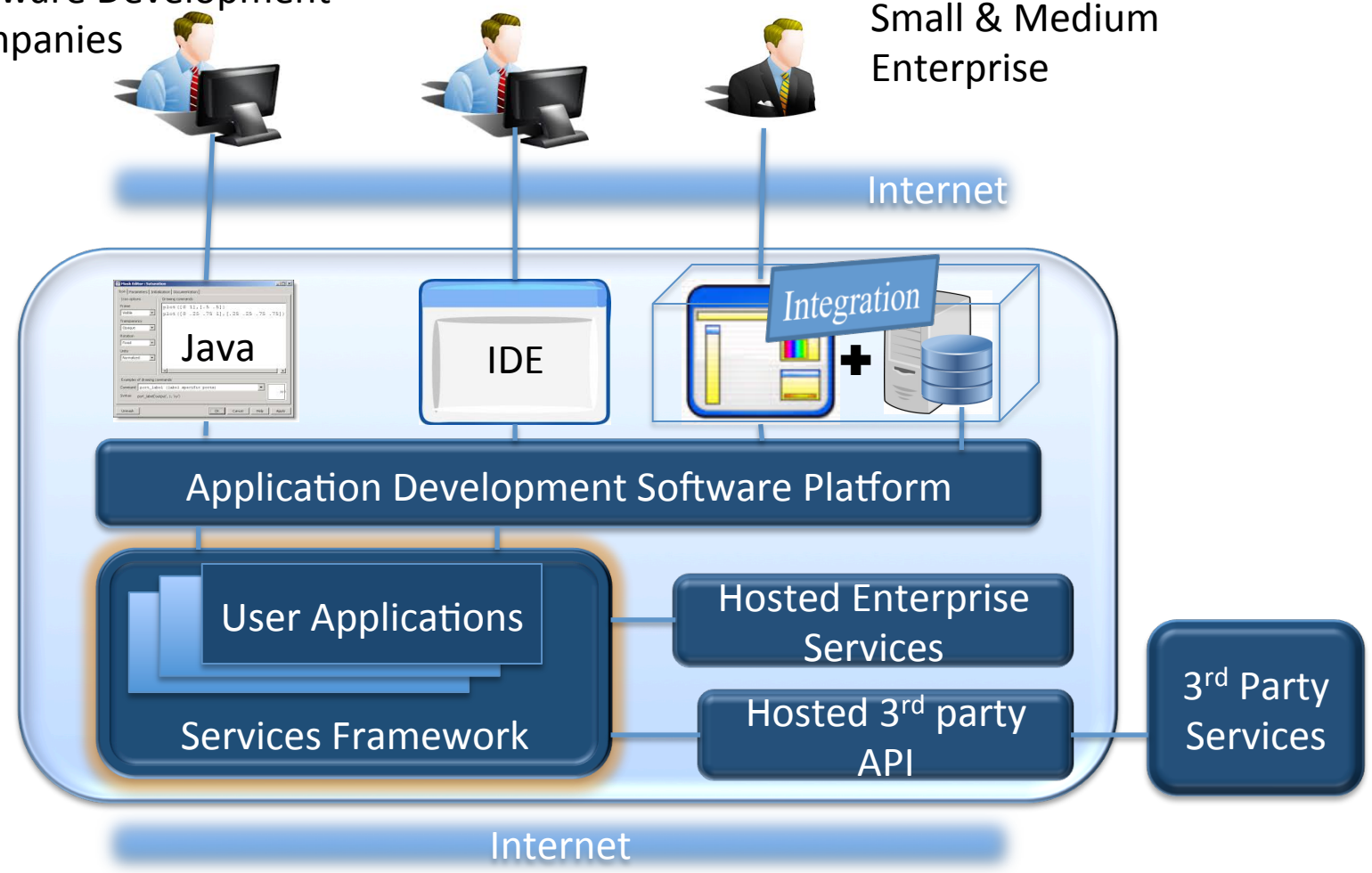


# IOT Open Innovation Platform

Software Development Companies



Small & Medium Enterprise





# IOT Open Innovation Platform

Software Development Companies



Small & Medium Enterprise

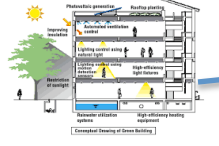


Businesses

Smart Cities



Smart Homes



Agriculture



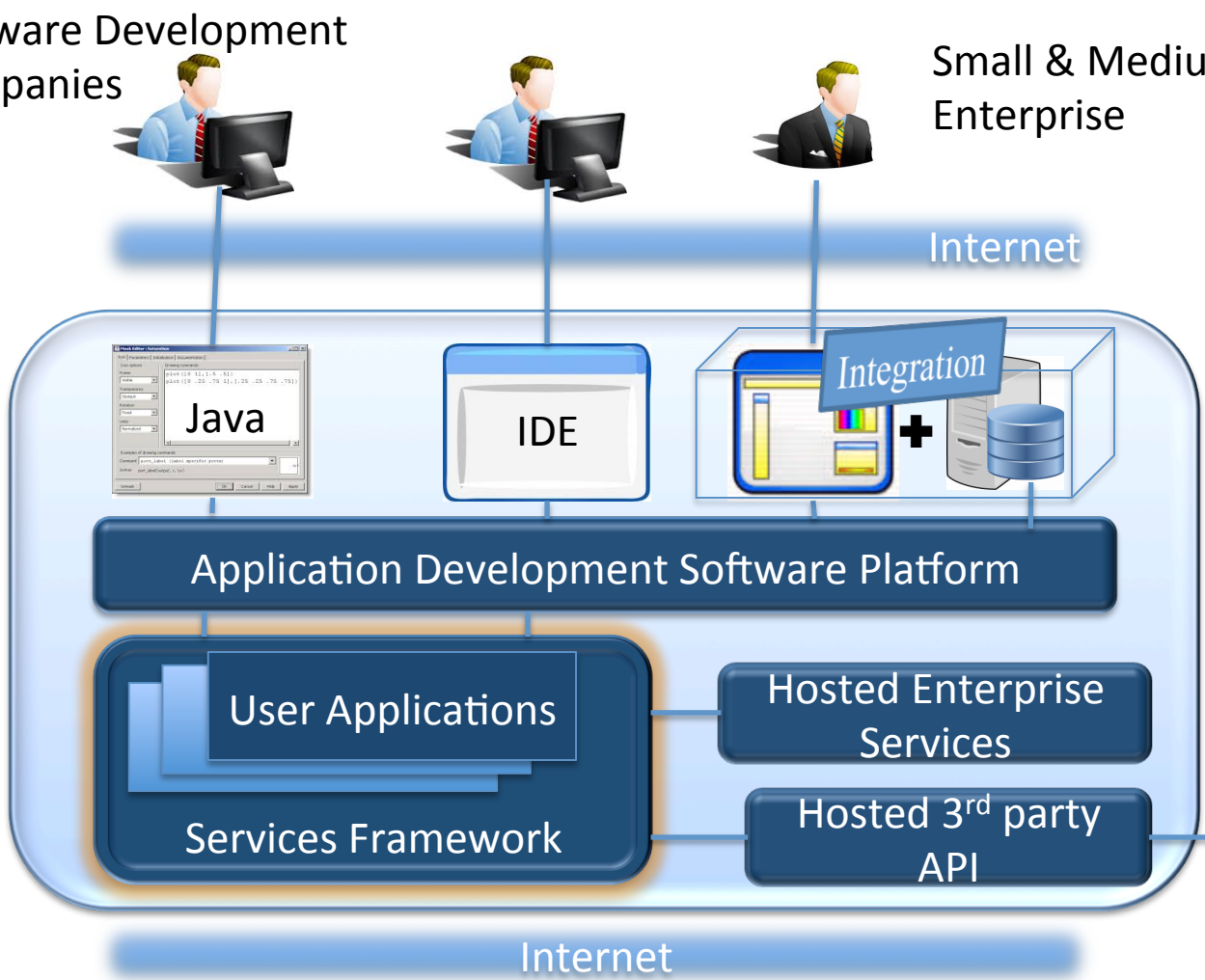
Healthcare



Public Safety



Internet





# MIMOS Market Focus



Agriculture



Health



Education



Government



Public Safety



Financial



Communication

**Sharing Technology**  
for  
**Mutual Development**

# Collaborating for Economic Growth

“Economic growth is based on advances in productivity, and productivity is based on discovery and innovation”

Professor Jeremy Siegel, Wharton.  
The Shape of Things to Come, *Newsweek*, April 8, 2010

**Innovation Economy**  
(Knowledge Economy)



**People Economy**

**High Impact Innovation**



**R&D  
Collaboration**

**New Innovations:**

- Business Models
- Services
- Products
- Technologies

# Collaborations on IoT Platform



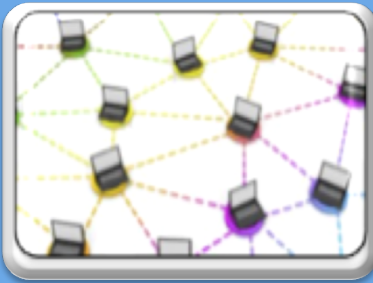
## Applications Centric Platform

- Application Integrated Development Environment
- Intelligent Dashboard



## Platform Middleware

- Virtual Internet Protocol
- Services Framework



## Wireless Network Infrastructure

- Smart Antenna
- Application Defined Network
- Universal Gateways



# Thank You

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