

Gain Leadership in the New Era of Smart.

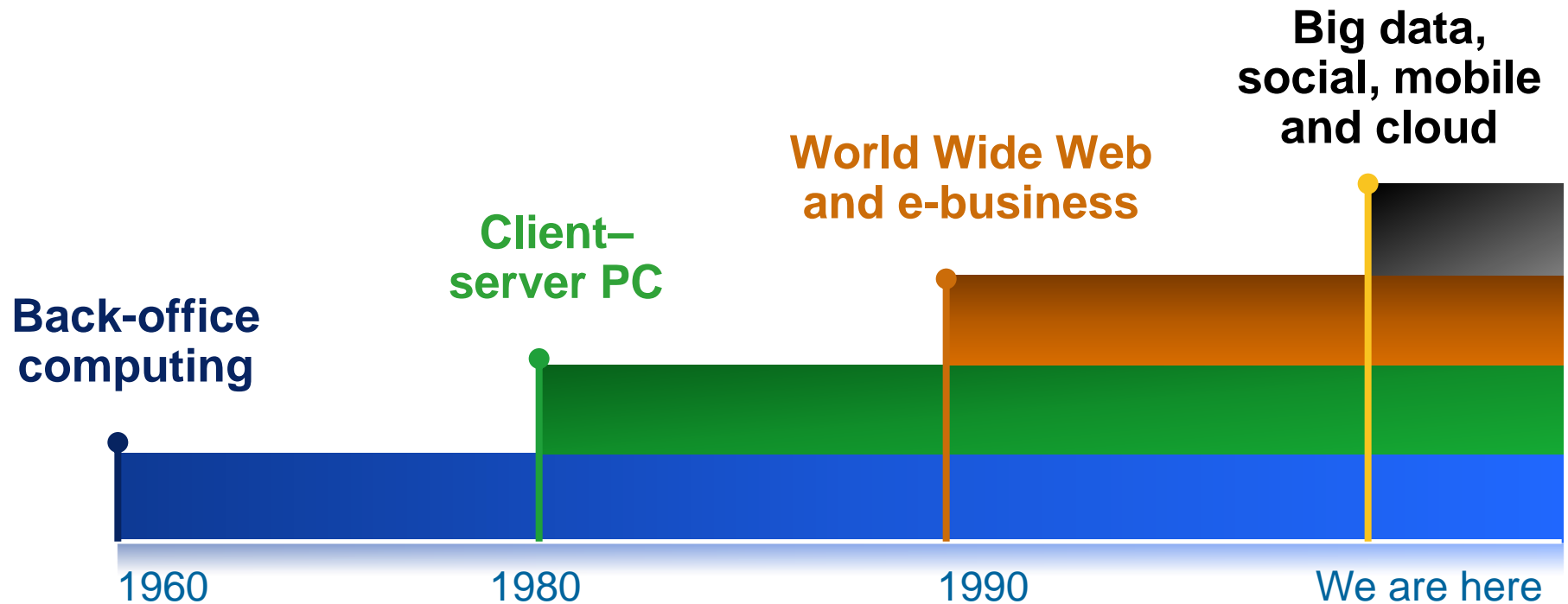


Cloud, Big Data, Mobile , Social and Security

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Software Client Architect
IBM SWG Thailand

Simplicity. Profitability. Growth.

Igniting change— the transformative power of computing



Evidence - of this shift is everywhere

Transactions to  personalized **engagement**

Millions of PCs to  **billions** of mobile devices

Rigid infrastructure to  an **elastic** cloud

Structured data to  **unstructured** big data

Static applications to  **dynamic** services

Reactive security to  **proactive** protection

Data... the new natural resource & new basis of competitive advantage



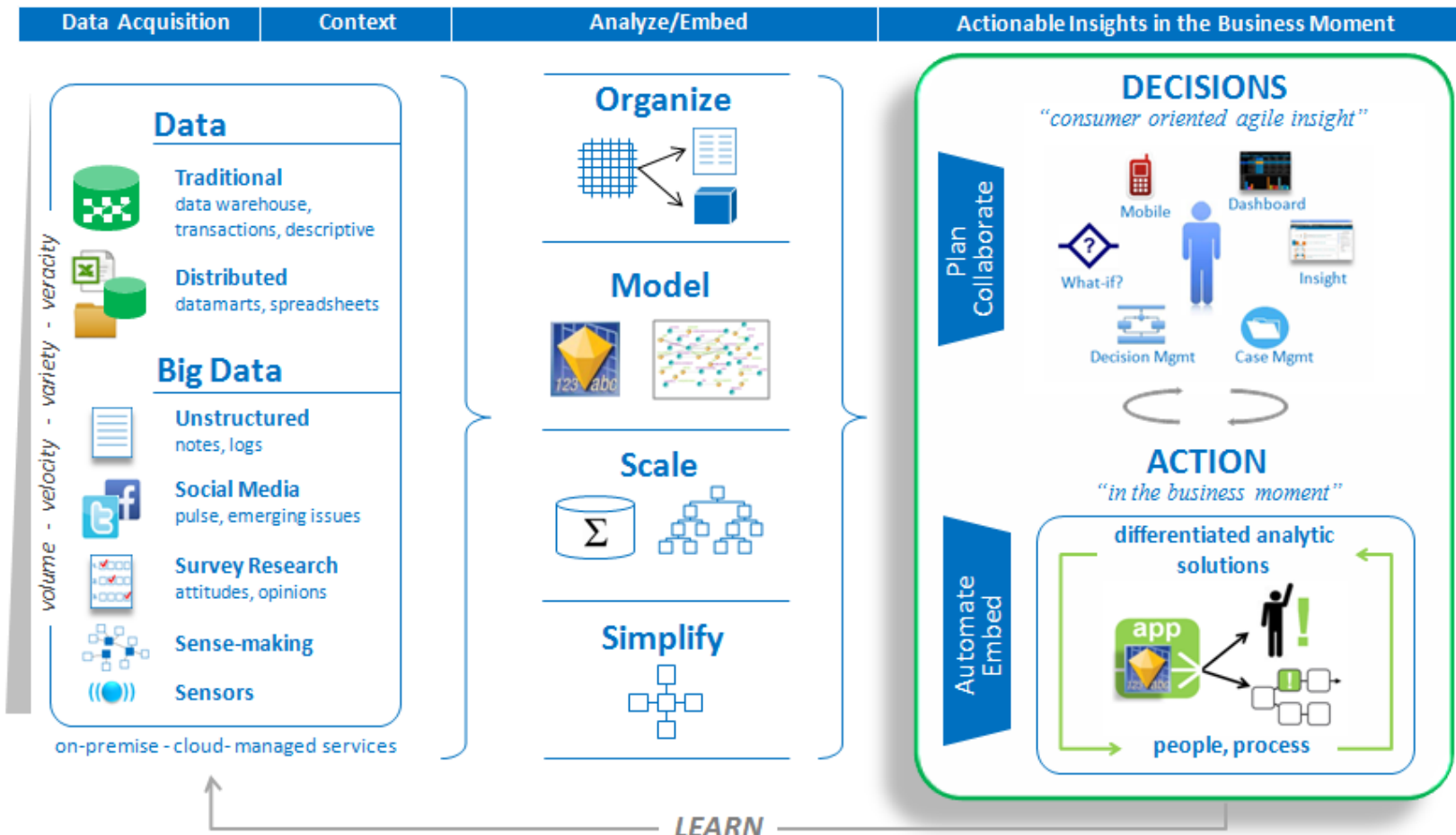
Strategic Imperative: *Make Markets by transforming industries and professions with data*

Source: IBM Global Technology Outlook 2012-13

Big Data & Analytics – the value is in “actionable”

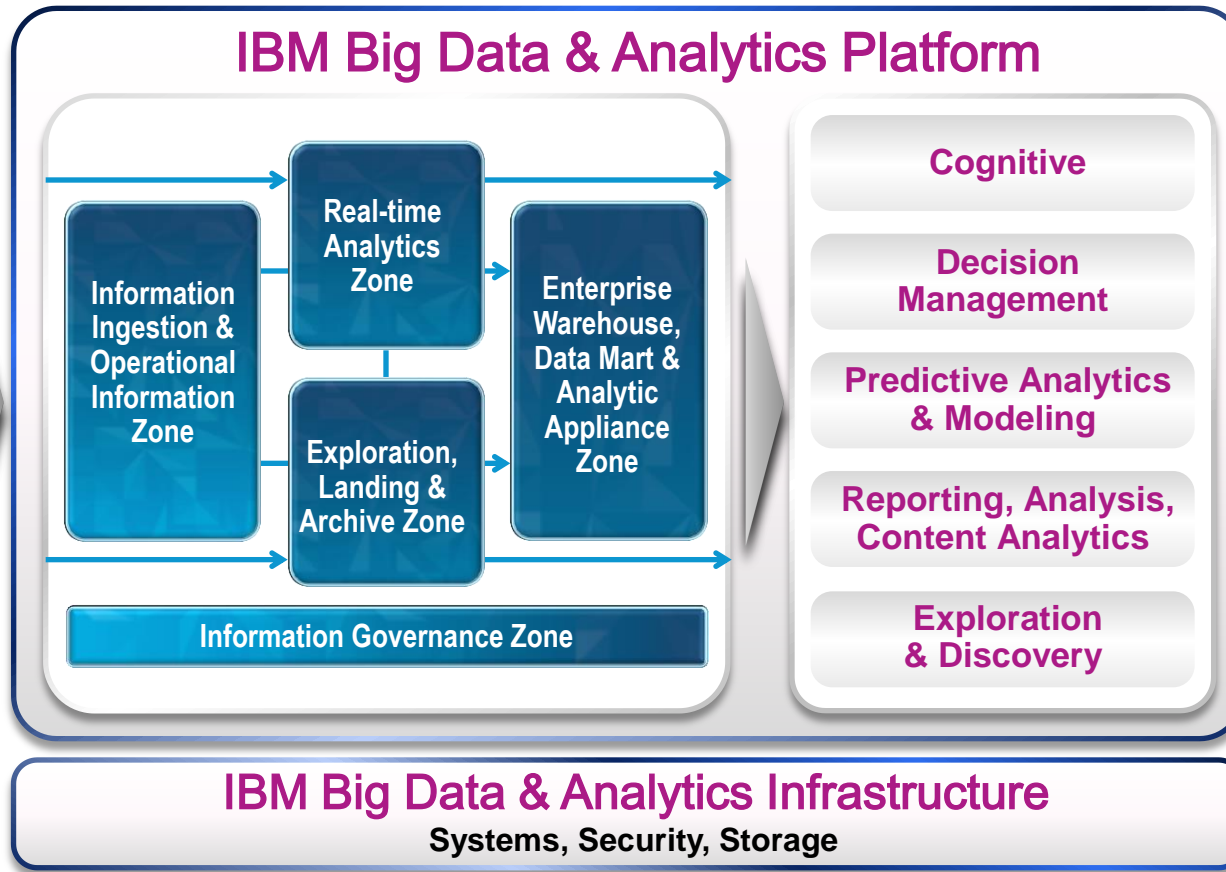
Creates New Value from Actionable Insight

New Mix of Data / Broader Application / New Buyers & Decision Types



IBM Big Data & Analytics platform

All Data

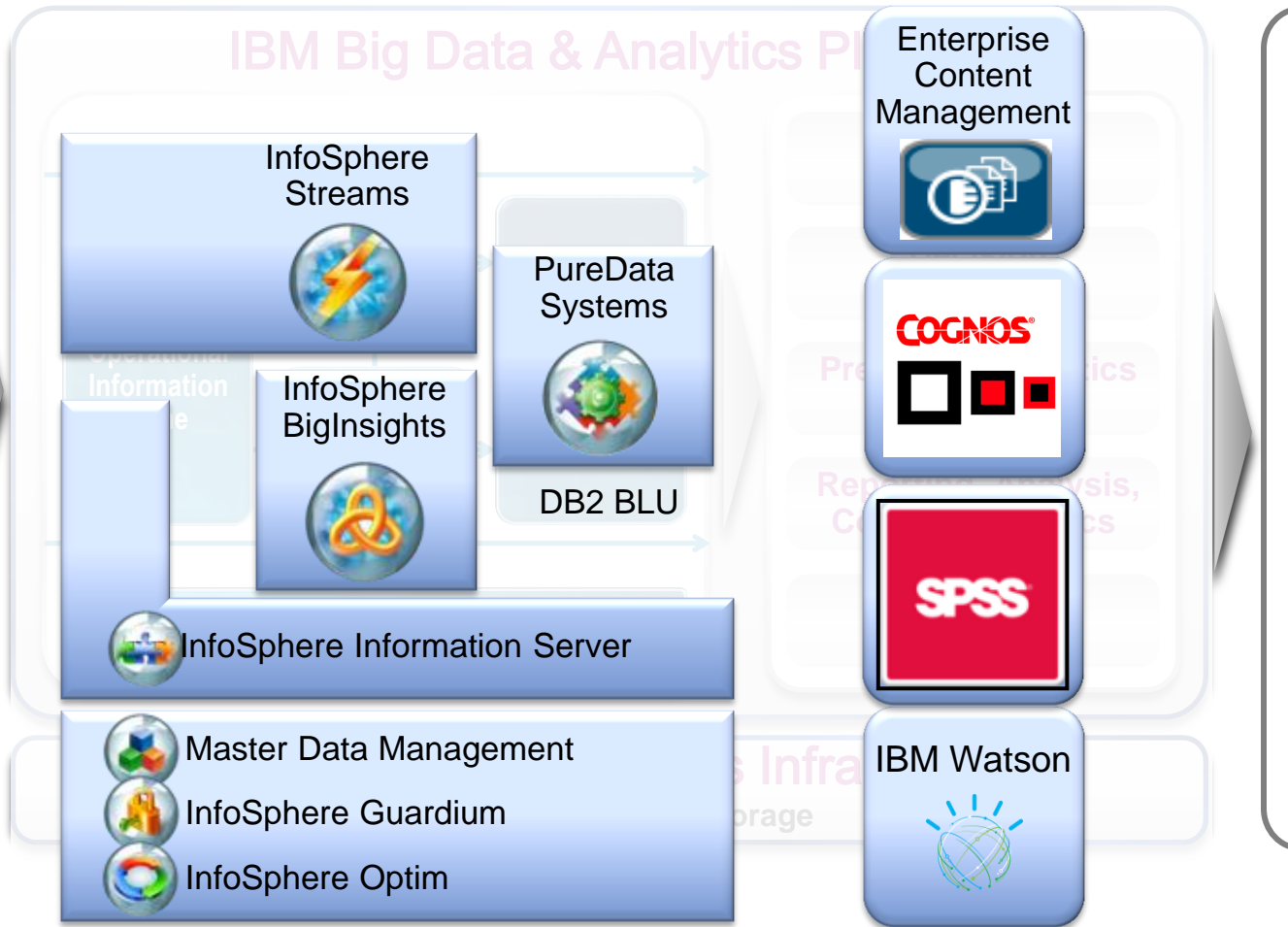


New/
Enhanced
Applications

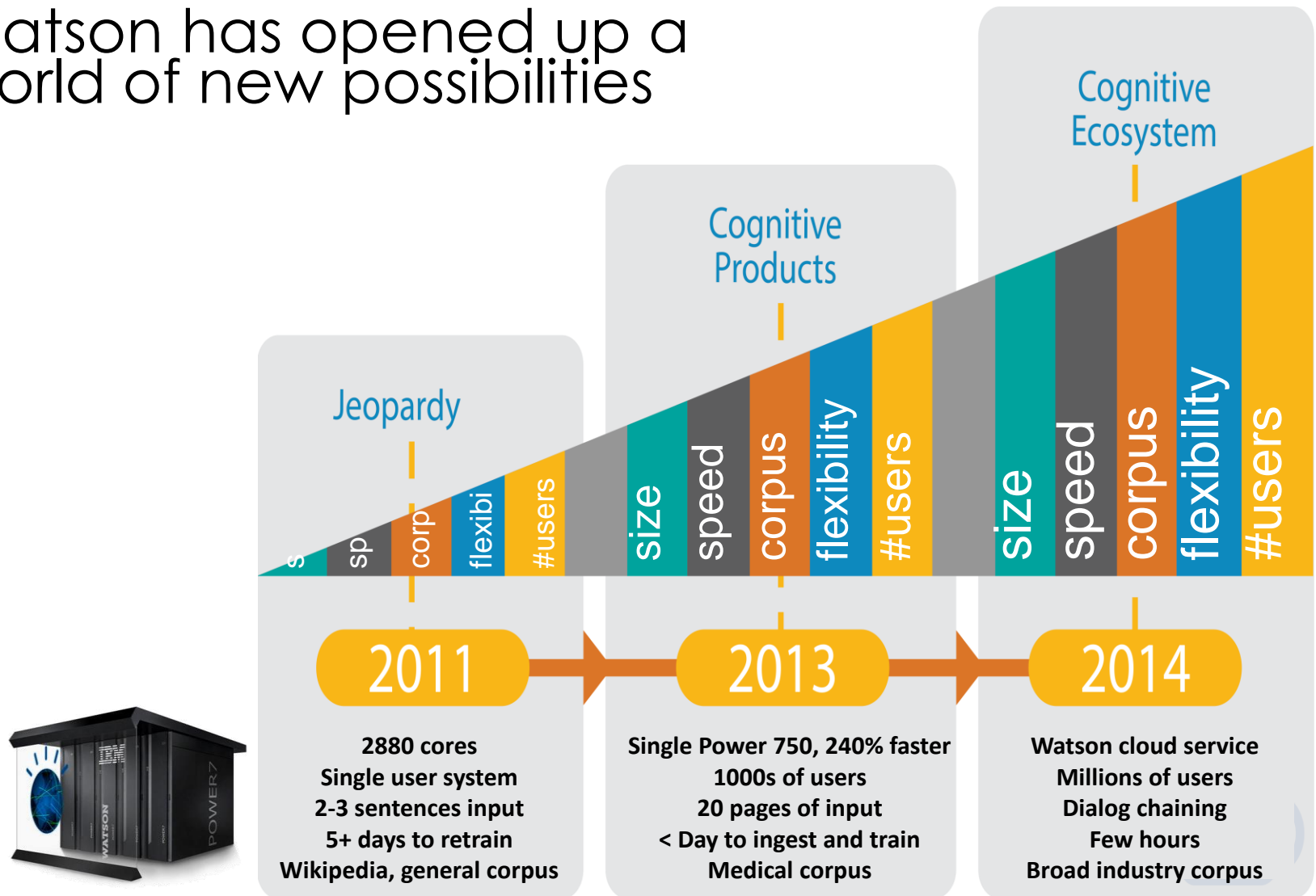


Multiple entry points

All Data



Watson has opened up a world of new possibilities



Watson is cognitive computing

Watson understands me.

Watson engages me.

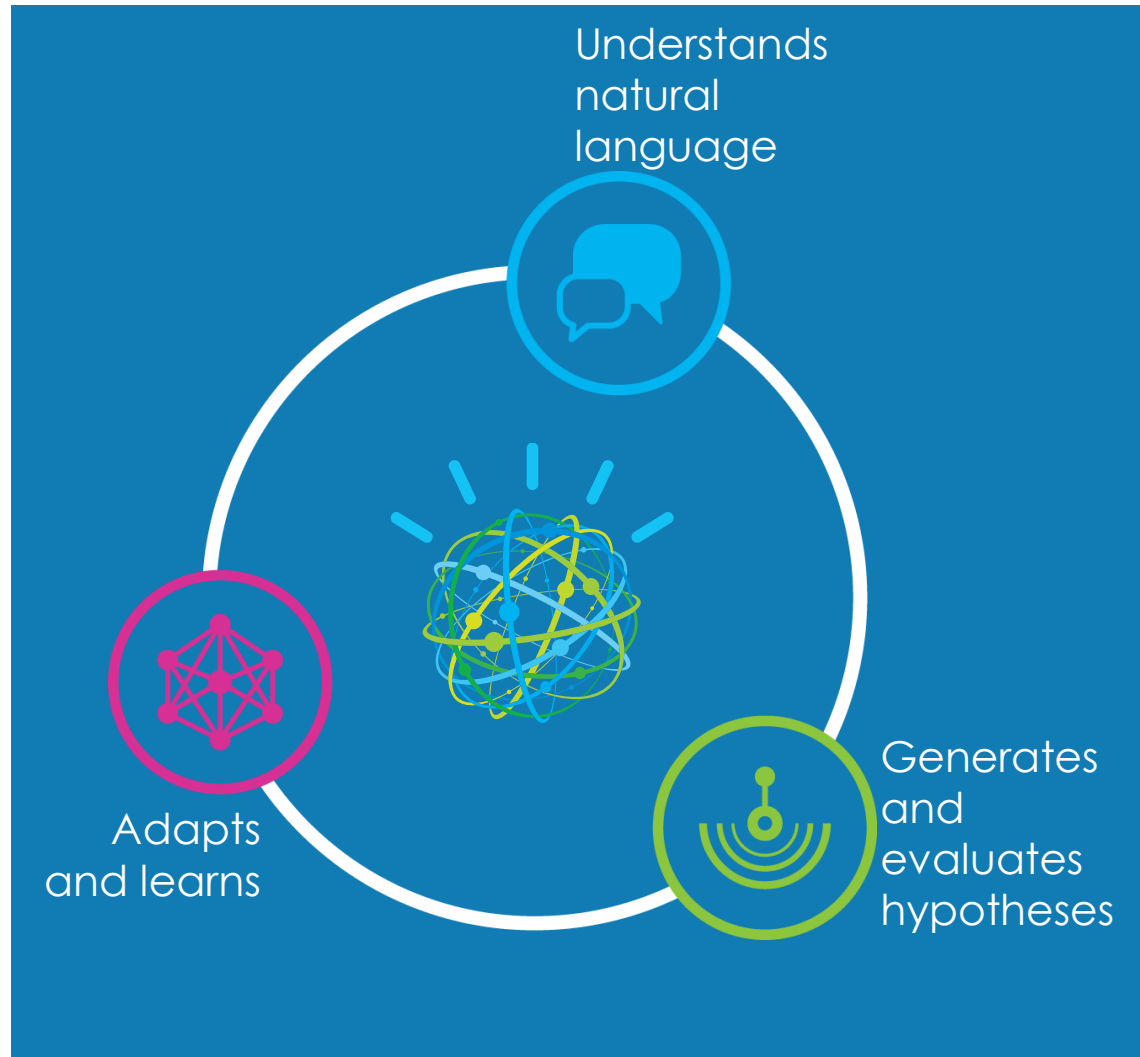
Watson learns and improves over time.

Watson helps me discover.

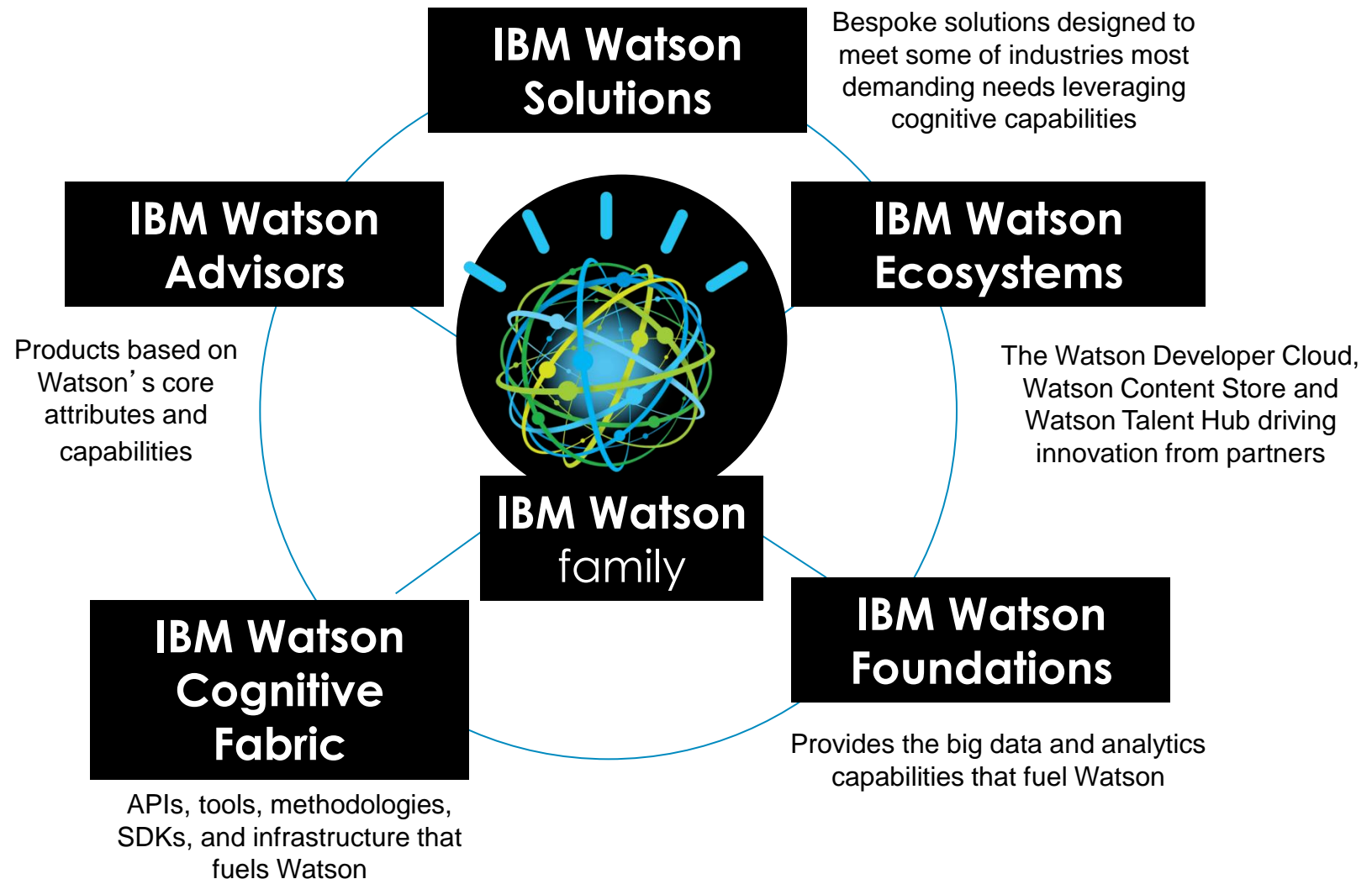
Watson establishes trust.

Watson has endless capacity for insight.

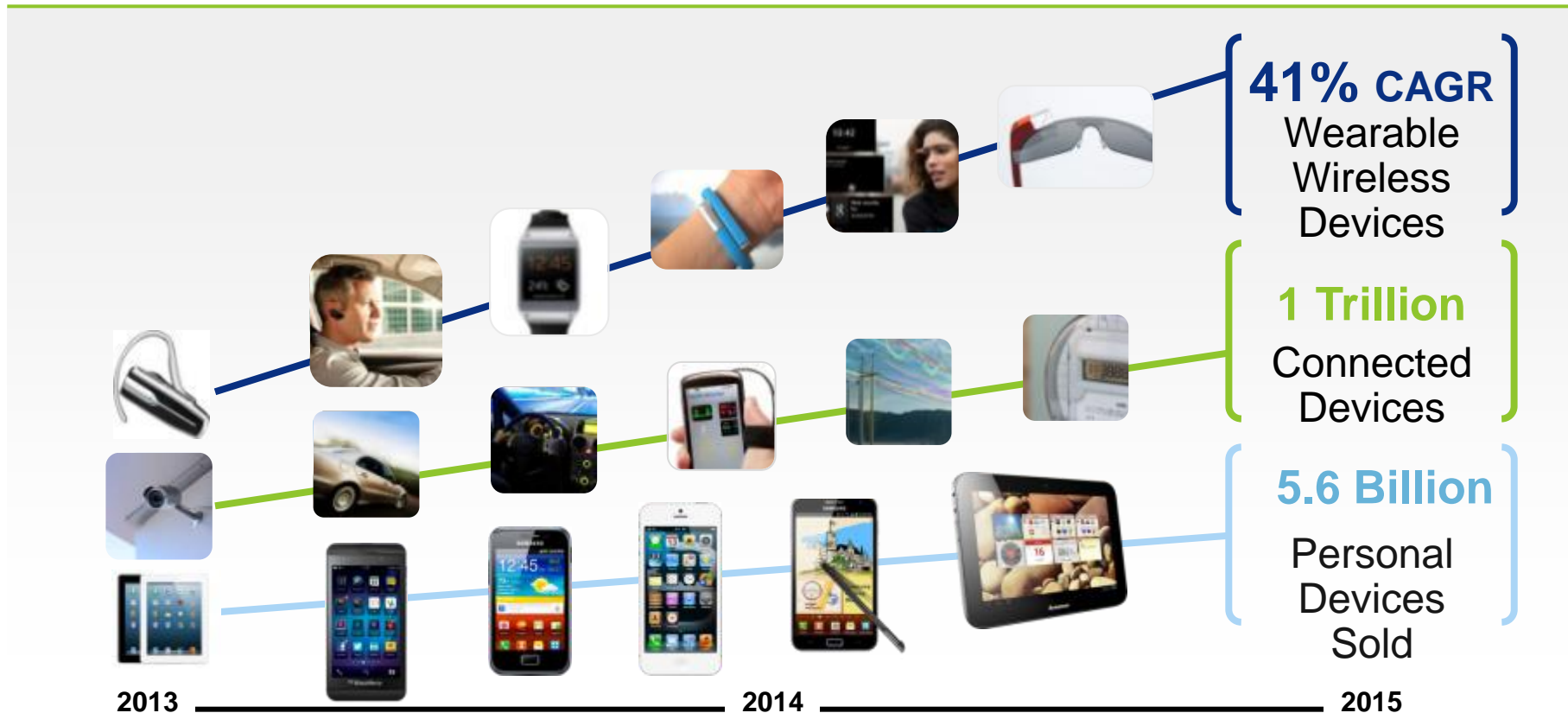
Watson operates in a timely fashion.



Announcing The Watson family



Mobile Adoption Continues to Explode



Mobile Is Changing Interactions And How Work Gets Done

People are transacting on mobile

- The average mobile phone user checks their phone 150 times a day

But the experience of mobile is not yet meeting expectations

- 80% of apps are used once then deleted

Mobile transactions are generating unprecedented amounts of data

- Global mobile data traffic will increase 26-fold between 2010 and 2015, reaching 6.3 exabytes per month by 2015



This data is helping organizations deliver new value

- By 2020, 90% of new passenger cars sold will have some form of vehicle mobile platform, up from 10% in 2012.

Mobile enterprises leverage this data, putting the right information into the right hands at the right times

- By 2015, 2/3 of the workforce will own a smartphone, and 40% of the workforce will be mobile

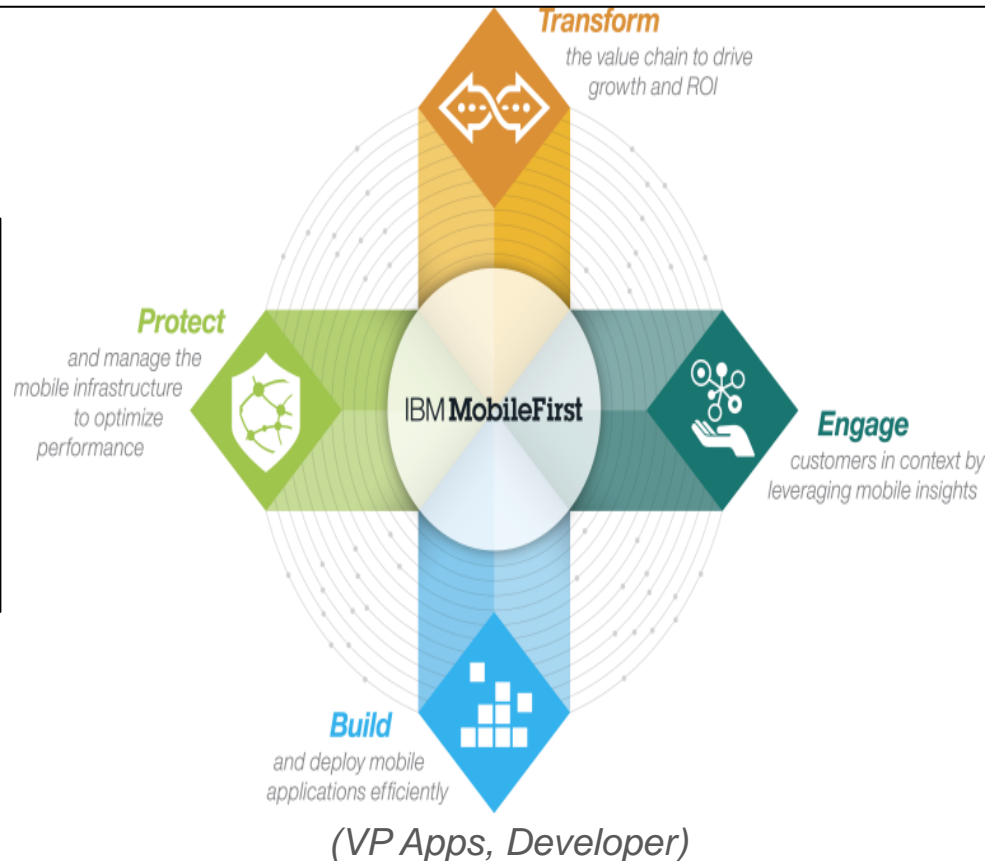
Four Part Strategic approach to helping our clients set their mobile agendas

(CxO, LOB Exec)

In order to take full advantage of these new mobile opportunities, organizations need **comprehensive business-led strategies** to maximize their return on investment in mobile capabilities.

(CISO, CIO, IT Exec)

Prioritize mobile infrastructure to support an open, secure and scalable environment while addressing the dynamic demands of the enterprise



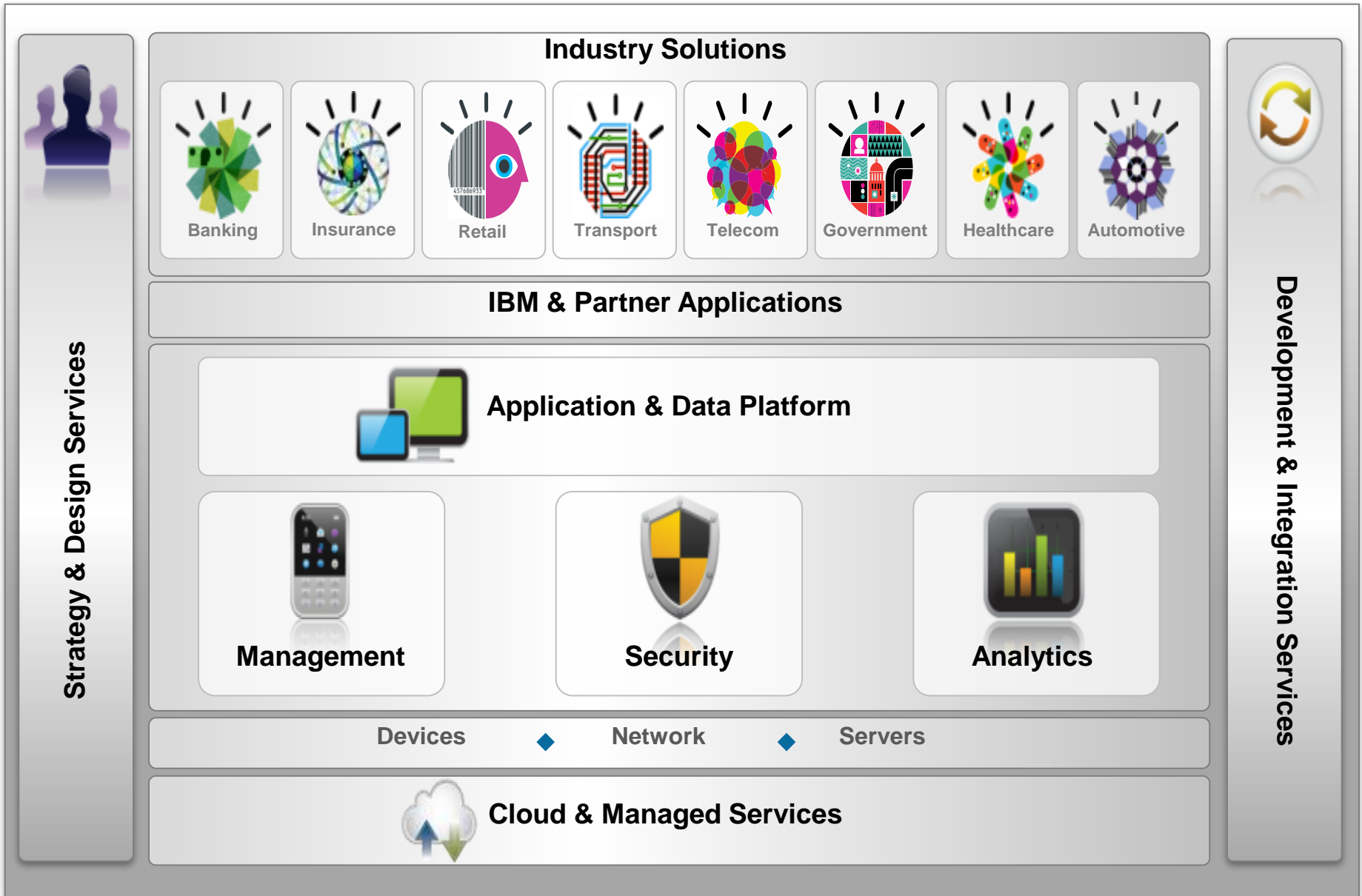
(CMO)

Gain visibility into the customer mobile experience to improve conversions and grow revenue, improving customer service resolution and drive customer loyalty

(VP Apps, Developer)

Making mobility the **critical business enabler** for future growth and competitive differentiation

IBM MobileFirst Can Help You Accomplish Your Mobile Goals



What we announced with Apple

IBM and Apple will collaborate to address these problems with a set of new offerings tailored for the iOS experience

MobileFirst
for iOS

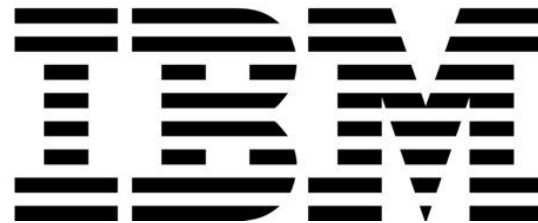
MobileFirst
Platform
for iOS

AppleCare
for Enterprise

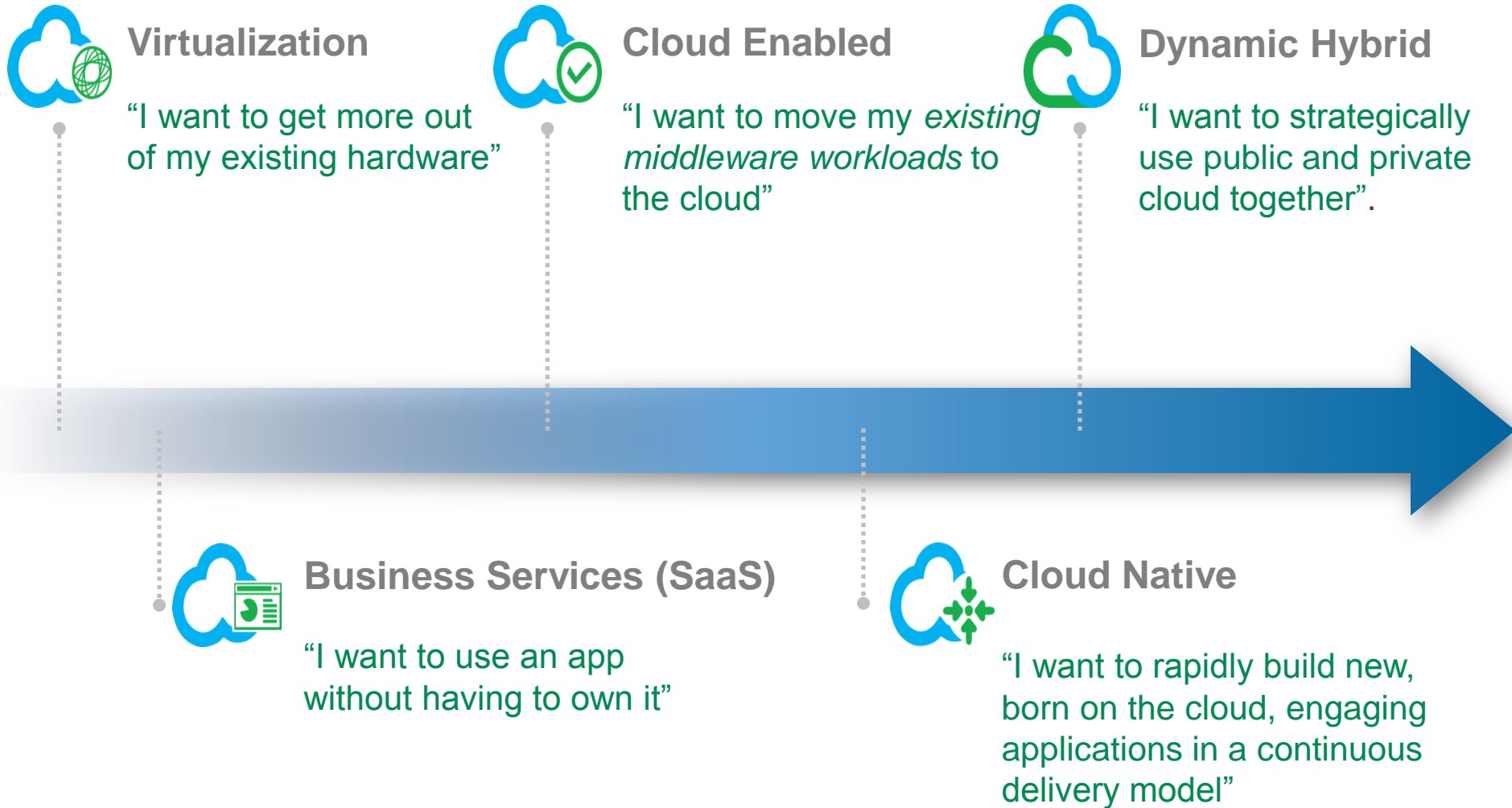
MobileFirst
Supply and
Management



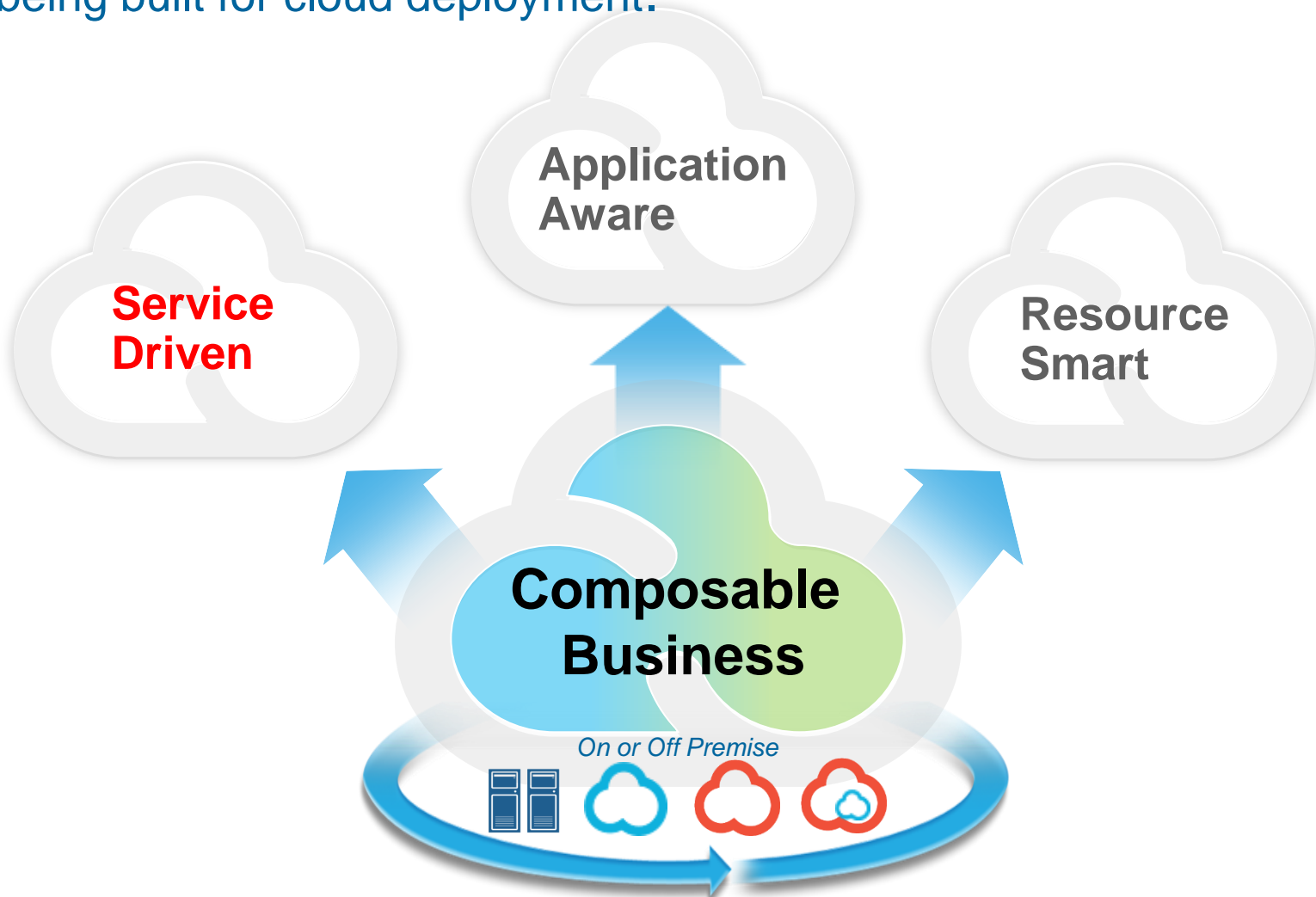
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The Evolution of Cloud Technologies

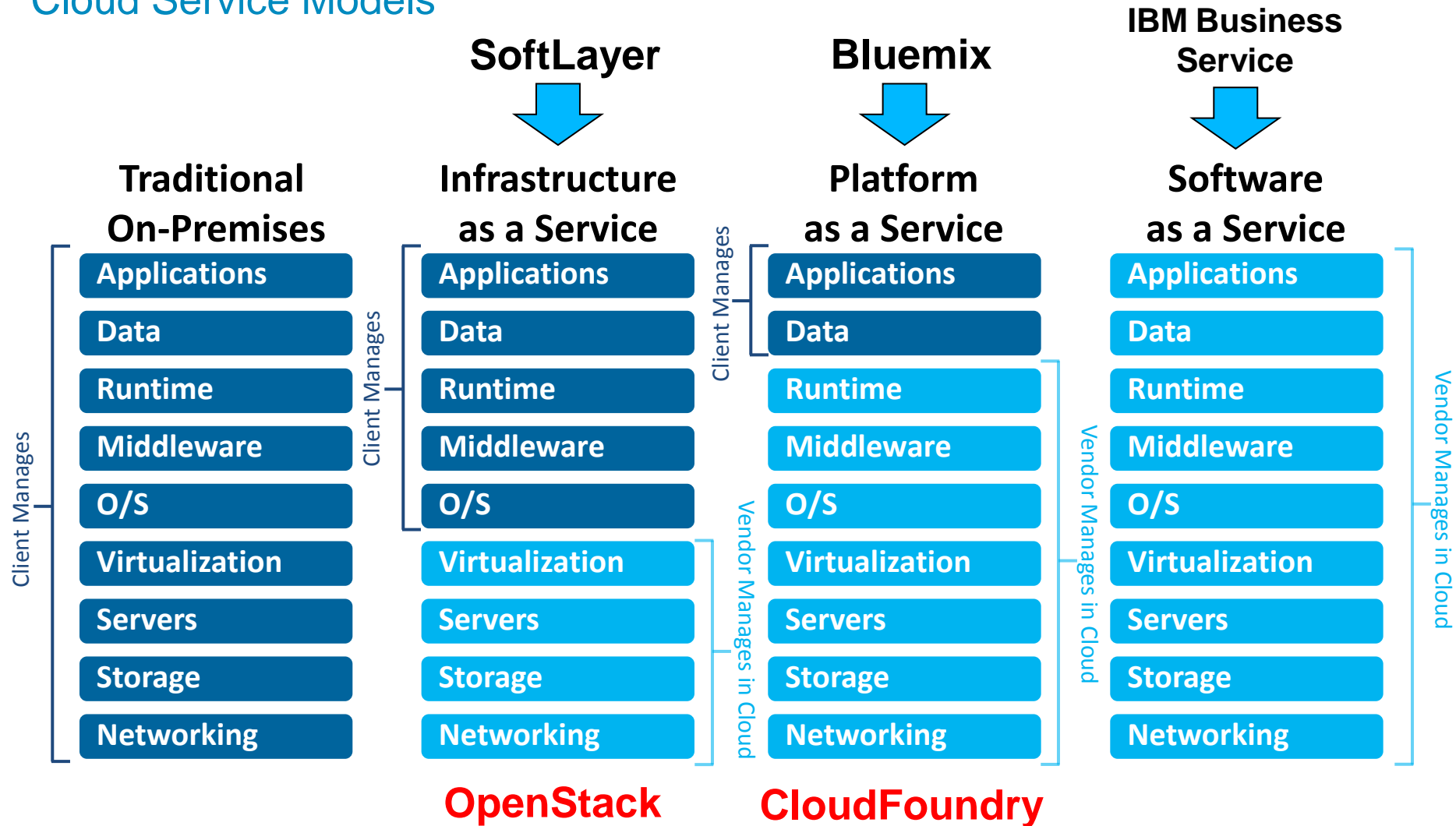


It is estimated that by 2016 more than one-fourth of the world's applications will be available in the cloud, and **85% of new software** is now being built for cloud deployment.



The Composable Business is built on the “as a Service” environment...with a goal of enabling the API economy © 2014 IBM Corporation

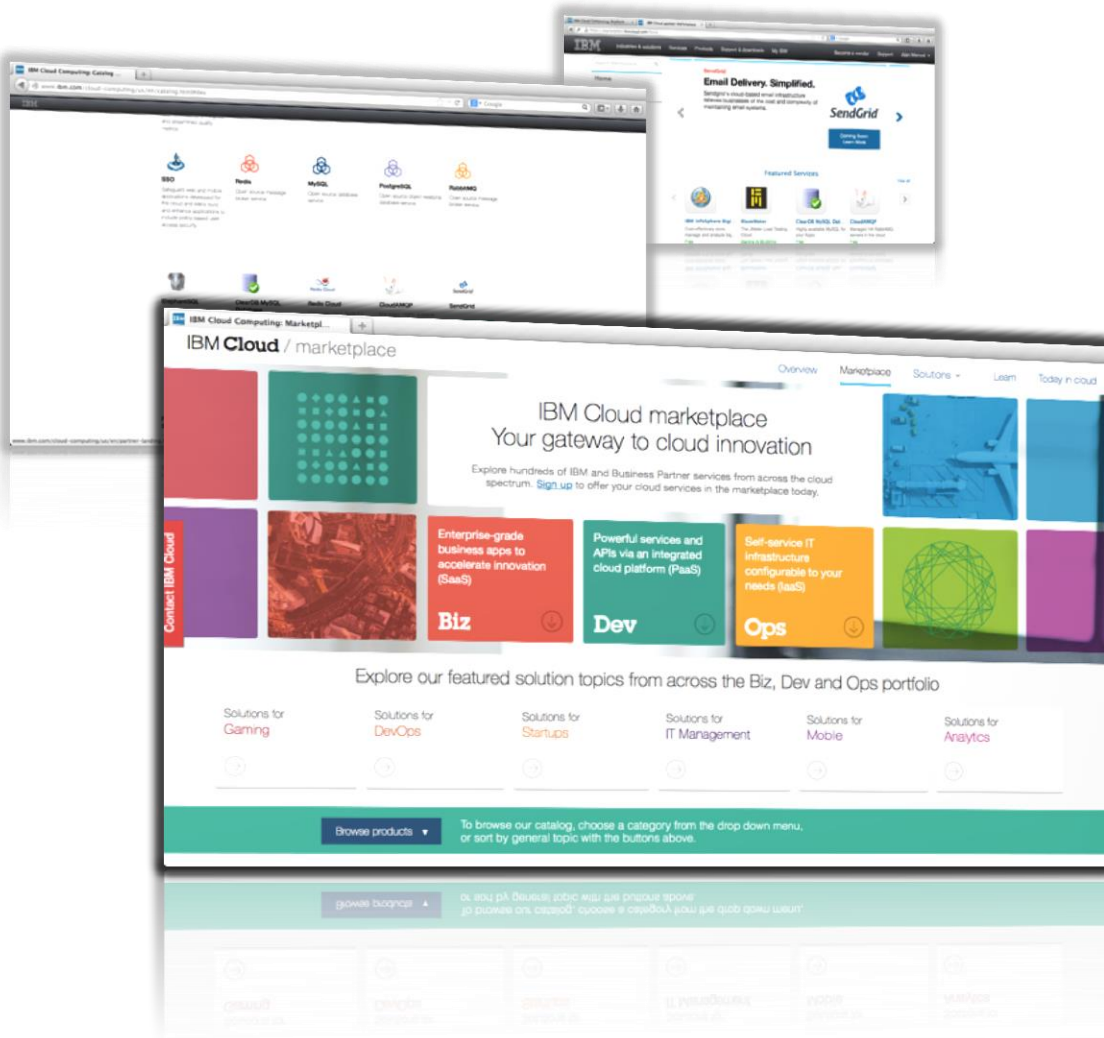
Cloud Service Models



Customization; higher costs; slower time to value

Standardization; lower costs; faster time to value

IBM Cloud marketplace features IBM and Business Partner cloud services



- Comprehensive catalog including both IBM and 3rd party offerings and supported by multi-billion dollar investments:
 - **Biz** (line of business) features IBM's world class SaaS portfolio
 - **Dev** (developer) supports traditional application styles (patterns) and new application styles (composable services / Bluemix)
 - **Ops** (IT operations) features SoftLayer's high performance infrastructure services
- Purpose built Solutions (e.g., Mobile, DevOps) help you navigate the catalog
- Enables IBM customers to discover and experiment with a broad portfolio of offerings in a consistent way

<http://ibm.com/cloud> and click on **Marketplace**

SoftLayer provides access to unique capabilities

Self-service IT infrastructure configurable to your needs (IaaS)

Ops



SOFTLAYER
an IBM Company



Infrastructure
as a Service

Enterprise class, optimized infrastructure
Built using open standards

Compute

Storage

Networking

Performance

Web

Mobile

API

Common user interface and application programming interface

Flexibility

**Bare Metal
Servers**

**Virtual Server
Instances**

**Private
Clouds**

Automation

Triple Network Architecture

seamless communication across distributed environments

Infrastructure Management System

provides orchestration and automation

**Gaming and
entertainment**



**Marketing and
digital media**



Enterprise

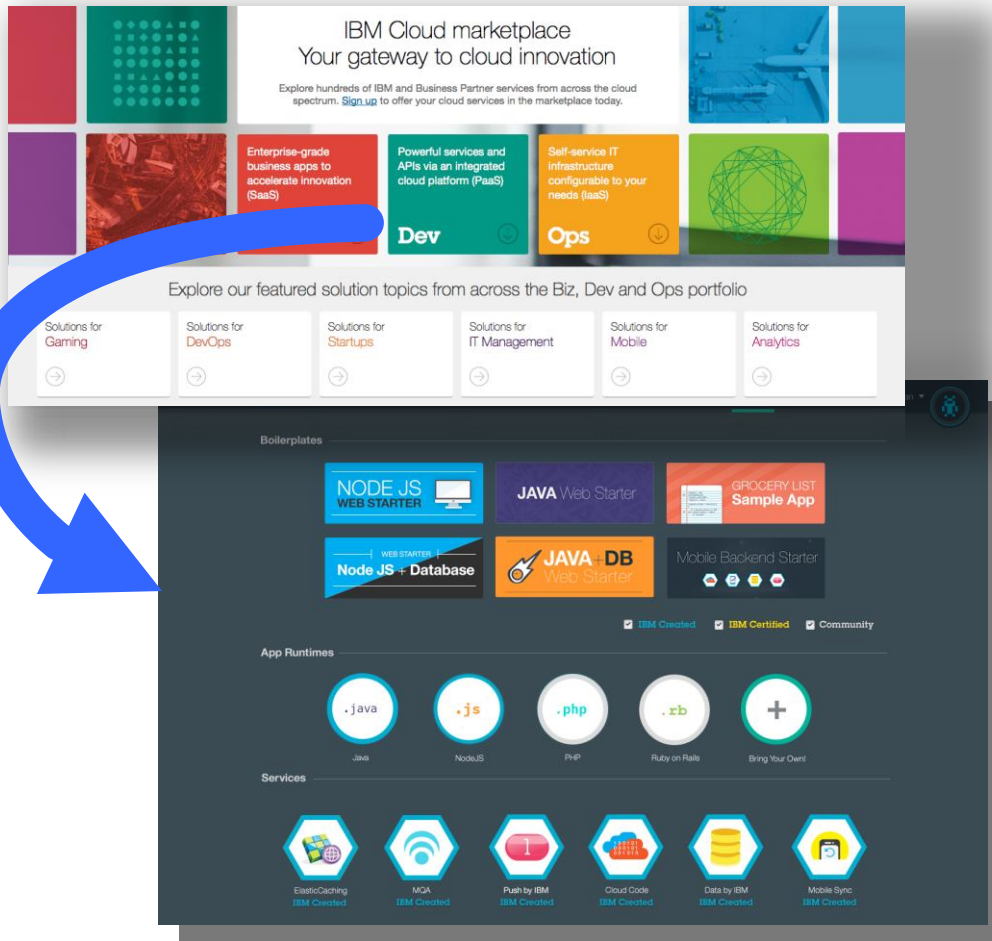


IBM Bluemix

A composable services development environment accessible from marketplace

Powerful services and APIs via an integrated cloud platform (PaaS)

Dev



Run Your Apps

The developer can choose any language runtime or bring their own. Just upload your code and go.

DevOps

Development, testing, monitoring, deployment and logging tools allow the developer to run the entire application

APIs and Services

A catalog of open source, IBM and third party APIs services allow a developer to stitch together an application in minutes.

Cloud Integration

Build hybrid environments. Connect to on-premises systems of record plus other public and private clouds. Expose your own APIs to your developers.

Extend SaaS Apps

Drop in SaaS App SDKs and extend to new use cases (e.g., Mobile, Analytics, Web)

IBM Cloud Capabilities – includes 100+ SaaS offerings , expanding fast

Enterprise-grade business apps to accelerate innovation (SaaS)

Biz



Business Process as a Service

Enabling business transformation

Business process solutions

Application

Application

Application

Application

Application



Software as a Service

Marketplace of high value consumable business applications

External ecosystem

Industry

Collaboration

Human resources

Big Data & analytics

Commerce

Marketing

IT Management



Accelerate Business Process Innovation

- E-commerce
- Customer self-service
- Public safety
- Service delivery

Deliver Business Analytics at Point of Impact

- Digital marketing optimization
- Pricing, promotion, product mix analytics
- Procurement analytics
- Business insights
- Intelligent city operations

Connect People with Collaborative Business Networks

- Employee and partner collaboration
- Strategic supply management
- Product planning and development
- Talent management

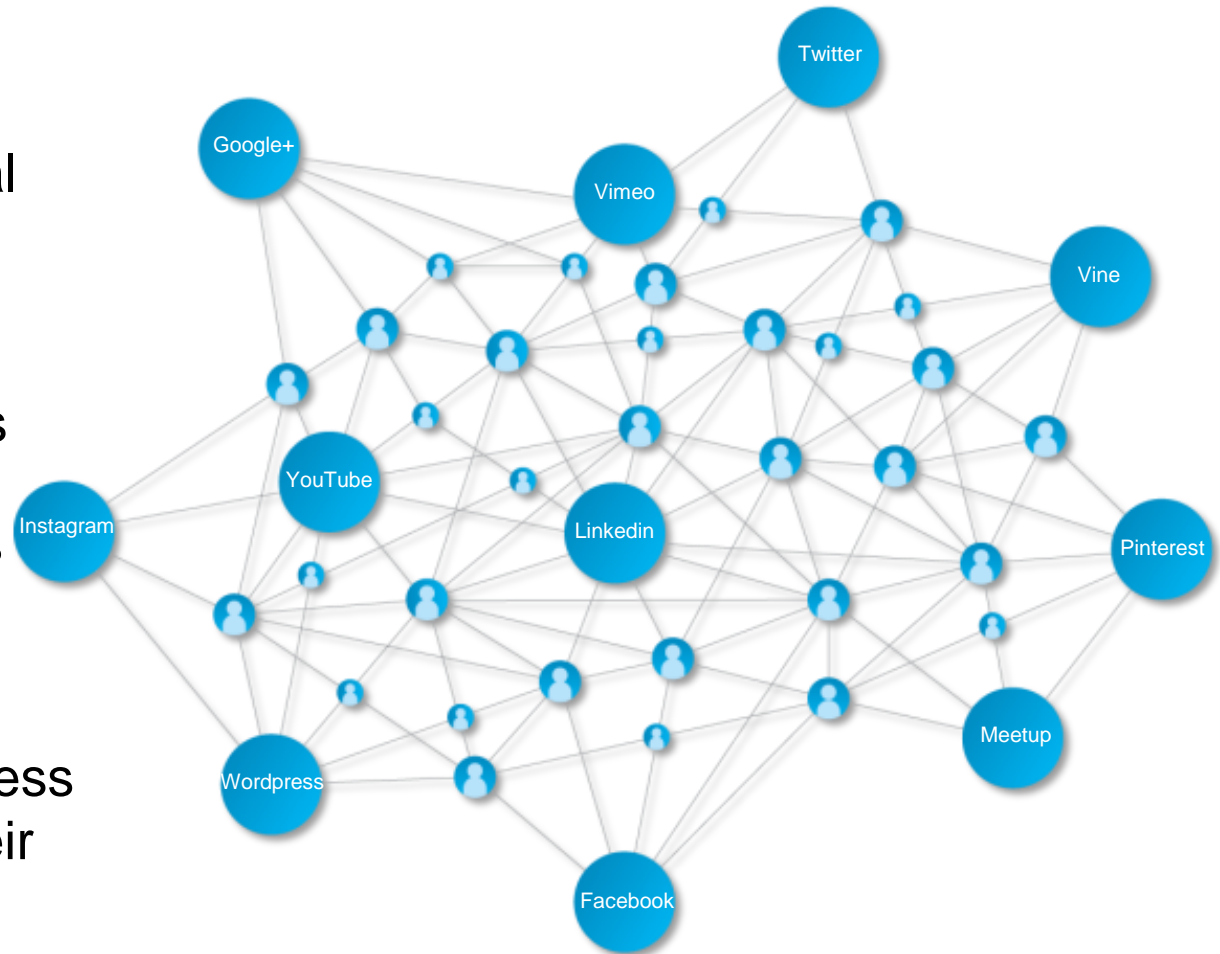


Today, the social media revolution has sparked another transformation, forever changing the way people interact and share information

>1.5 billion social networking users globally

25% of search results for the world's top 20 largest brands are links to user-generated content

50% of users access the internet with their mobile device



A new era of **human influence** is upon us



New social technologies are amplifying the innate desires of people to ...

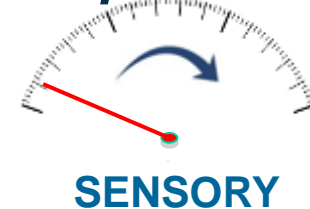
*Engage, share
knowledge and
build
relationships*



*Consume and
understand
complex
information*



*Learn from human
sensory &
instrumented
experiences*



Integrating social into core business functions is creating new opportunities for competitive advantage

Customer Service

Can achieve 5% reduction in customer defection rate increasing profits by up to 68%.²

Sales

Can increase sales manager revenue by 40% and improve efficiency by up to 50%.¹

HR

Can save \$2M in recruiting costs.⁵



Product Development

Can develop and bring new products to market in 1/3 time.³

Marketing

Can achieve 100% increase in market exposure.⁴

IBM Social Business Patterns

Repeatable methodologies to improve business processes by embedding social capabilities that create business impact



Customer
Engagement



Recruiting &
Onboarding



Innovation



Supply Chain



Mergers &
Acquisitions



Workplace &
Public Safety



Expertise &
Knowledge

Patterns represent modernized processes with dynamic, repeatable and measurable “people interactions” created by building social into **work and life**

IBM has a market leading portfolio of technology and services to help clients become social businesses

SOCIAL BUSINESS SOLUTIONS



Smarter Workforce

IBM Employee Experience Suite

Kenexa Talent Management Suite

attract . empower . motivate . deliver



Exceptional Customer Experience

IBM Customer Experience Suite



IBM Platform for Social Business



Social Networking

IBM Connections

IBM Notes & Domino Social Edition

IBM Sametime



Social Analytics

IBM Social Analytics Suite



Social Content

IBM Enterprise Content Management



Social Integration

IBM WebSphere Portal

IBM Web Content Manager

 IBM SmartCloud

 Dedicated Private Cloud

 On Premises

 Hybrid

DEPLOYMENT OPTIONS

A new security reality is here

Sophisticated attackers
break through conventional
safeguards every day

61% of organizations say
data theft and cybercrime
are their greatest threats

2012 IBM Global Reputational Risk & IT Study



\$3.5M

Average cost of a
data breach

2014 Cost of Data Breach, Ponemon Institute

Cloud, mobile, social
and big data drive
unprecedented change

70% of security
executives have **cloud and
mobile security** concerns

2013 IBM CISO Survey



614%

Mobile malware growth
in just one year

2012 - 2013 Juniper Mobile Threat Report

Yesterday's
security practices
are unsustainable

83% of enterprises
have difficulty finding the
security skills they need

2012 ESG Research

85 security tools from

45 vendors

IBM client example

Security is a board room discussion, and security leaders are more accountable than ever before



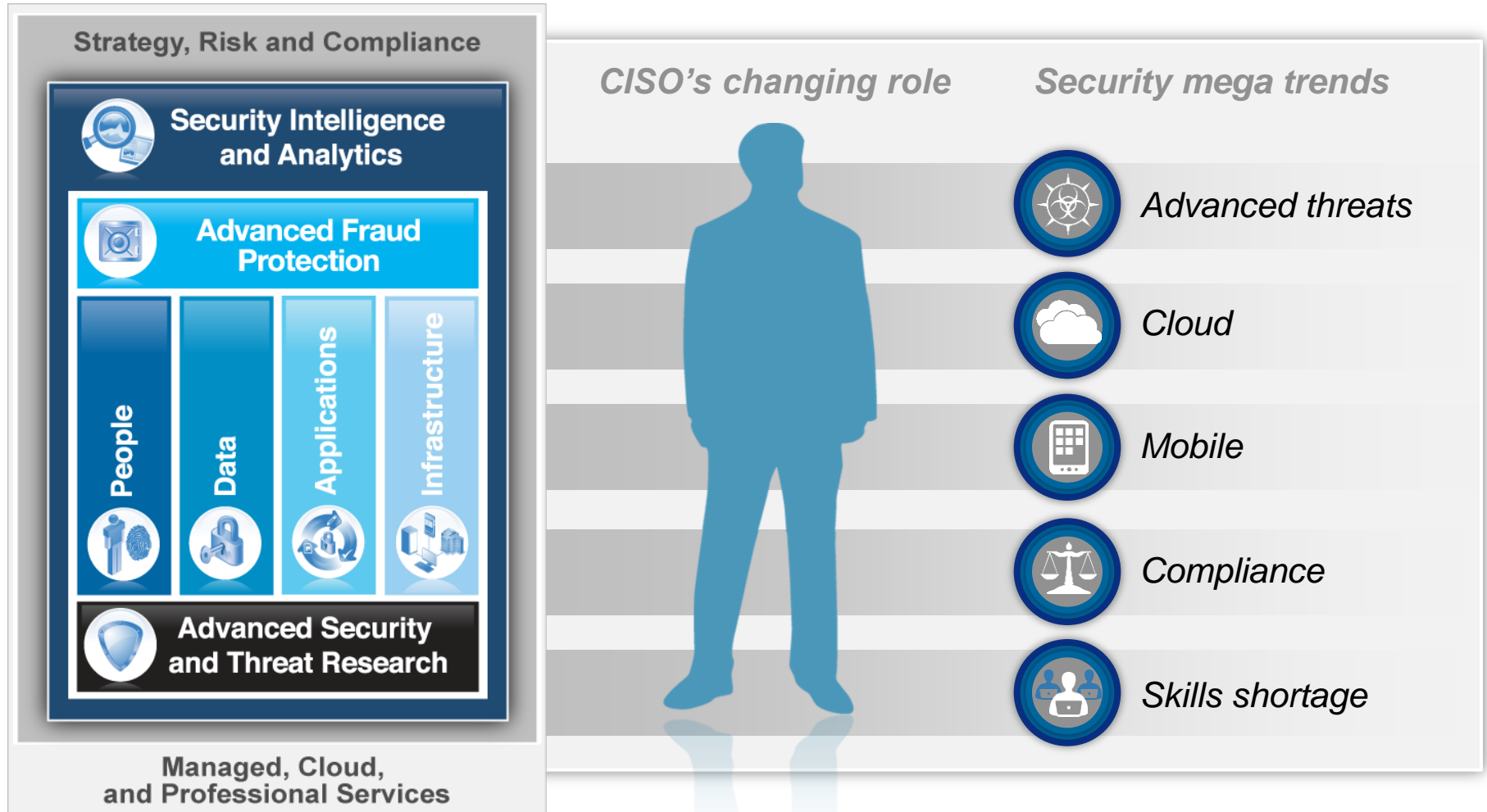
CEO	CFO/COO	CIO	CHRO	CMO
Loss of market share and reputation Legal exposure	Audit failure Fines and criminal charges Financial loss	Loss of data confidentiality, integrity and/or availability	Violation of employee privacy	Loss of customer trust Loss of brand reputation

Your Board and CEO demand a strategy

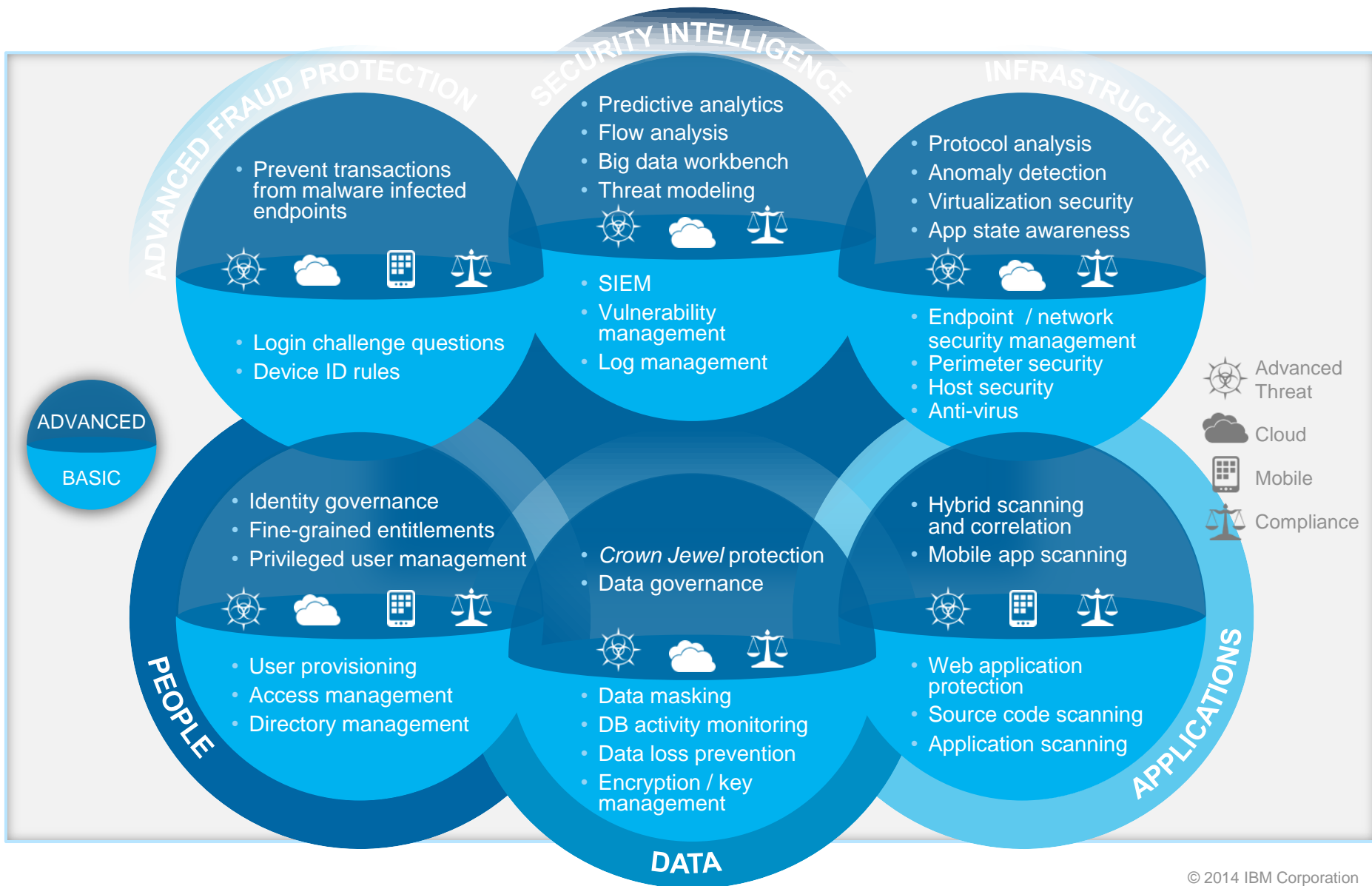
IBM Security strategy

Delivering intelligence, integration and expertise across a comprehensive framework

The IBM Security Framework



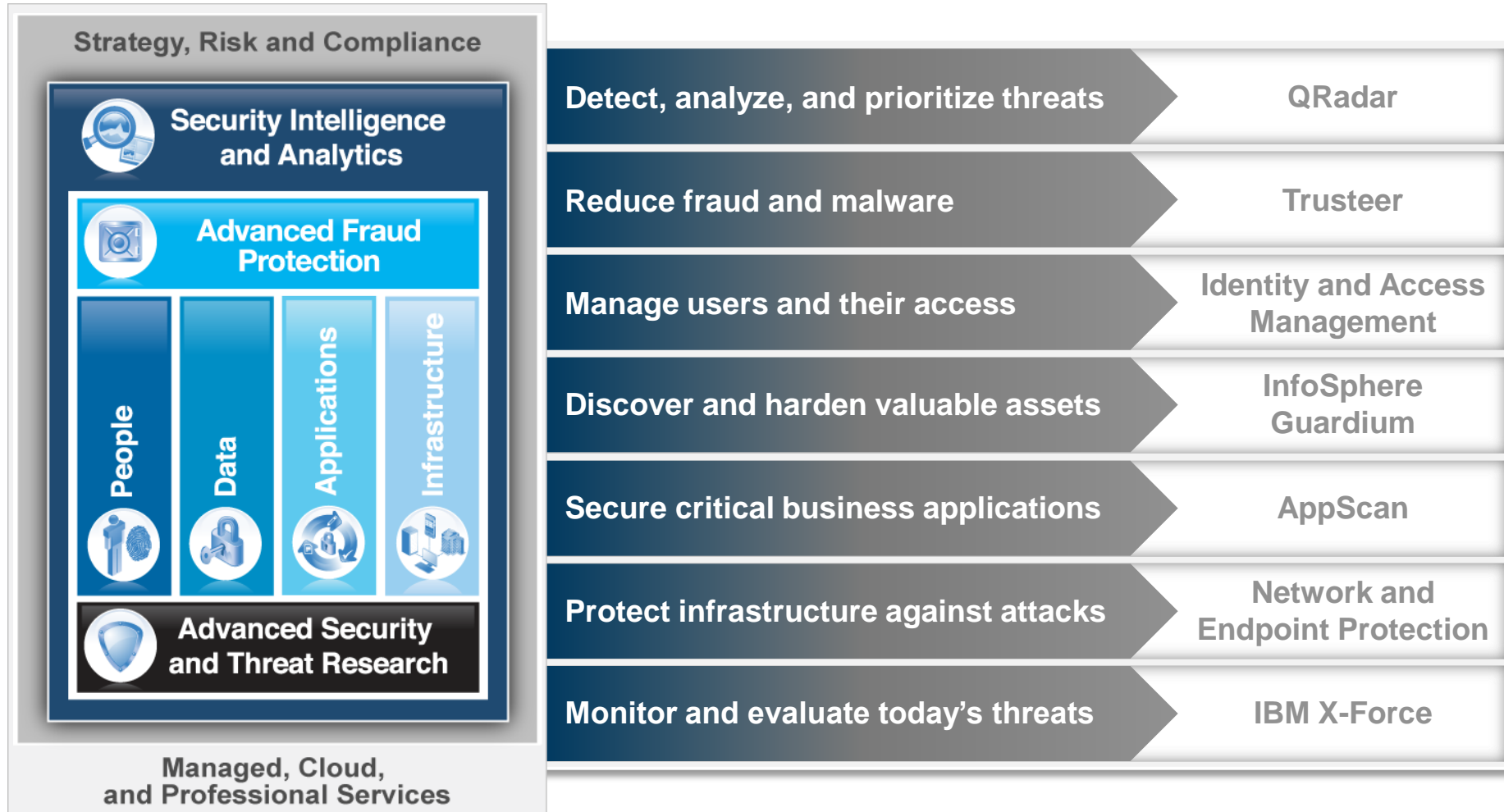
IBM Security capabilities to help reach security maturity



IBM Security

Integrated capabilities delivered across a comprehensive security framework

The IBM Security Framework



A hand is shown interacting with a digital interface. The hand's index finger is pointing at a bright, glowing point in the center of a network of icons. The icons are arranged in a circular pattern around the center, connected by thin white lines. The icons include a blue cube, a blue person icon, a blue person icon with a backpack, a blue cloud, a purple speech bubble, a purple person icon, a purple person icon, a purple person icon, an orange smartphone, a green magnifying glass over a binary code, and a green person icon. The background is a dark blue gradient with a subtle pattern of light blue circles and lines. The text "THANK YOU" is written in a large, white, serif font across the center of the image.

THANK YOU

Next : IBM Cloud Orchestrator Demonstration

Two Offerings

Cloud Orchestrator On Premise

- Need of deep customization and integration into the enterprise
- Need to control the management infrastructure
- Choice of Managed Cores and Managed Virtual Server pricing, perpetual or fixed term licensing
- Manages to on-prem and off-prem resources

Cloud Orchestrator On Cloud

- Organizations looking for a low CAPEX solution
- Cost sensitive organizations requiring an agile pricing model – monthly pricing per managed virtual server
- Need to gain early access to new capabilities
- Manages to on-prem and off-prem resources

Total Flexibility – start where you want and move when you want to the other model.