



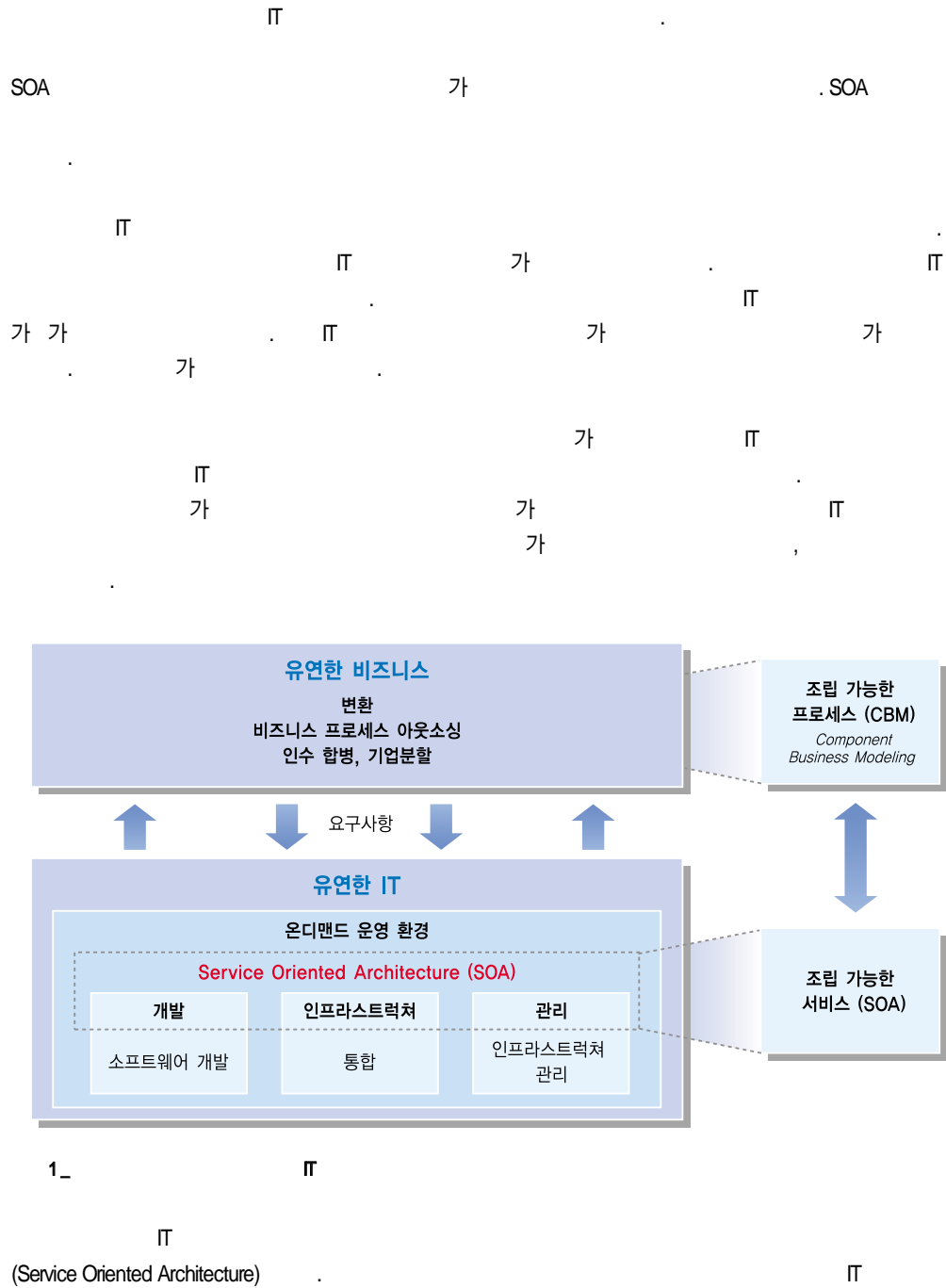
**IBM SOA**

O . N . T . E . N . T . S

3				(Service Oriented Architecture)
4				(SOA)
5				(SOA)
6	SOA			
6		(Model)		
6		(Assemble)		
7		(Deploy)		
7		(Manage)		
7				
8	IBM SOA			
8				
9				
9				
11				
12	IBM SOA			
13	IBM SOA			SOA
14	SOA		IBM	
16	SOA			
17	SOA			
17	SOA			
18	SOA			
18	SOA			
18	SOA		가	
19	SOA			
19		SOA		
19				
19				
20	SOA		IBM	
20	SOA			
21	SOA			
22	SOA			
23	SOA		가	
24	IBM			SOA
24	SOA			
24	SOA			
26	SOA			
27	SOA		가	
28	IBM SOA			&
29	IBM SOA			

# 1

## (Service Oriented Architecture)



(SOA)

“ ” “ 가 ”

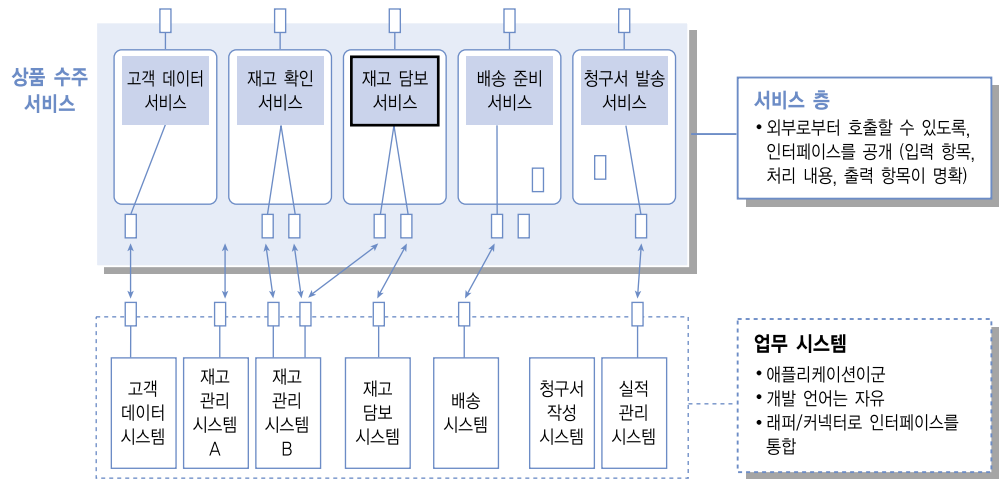
“ ”

(SOA) “ ” IT

(composite) ”

(Composite)

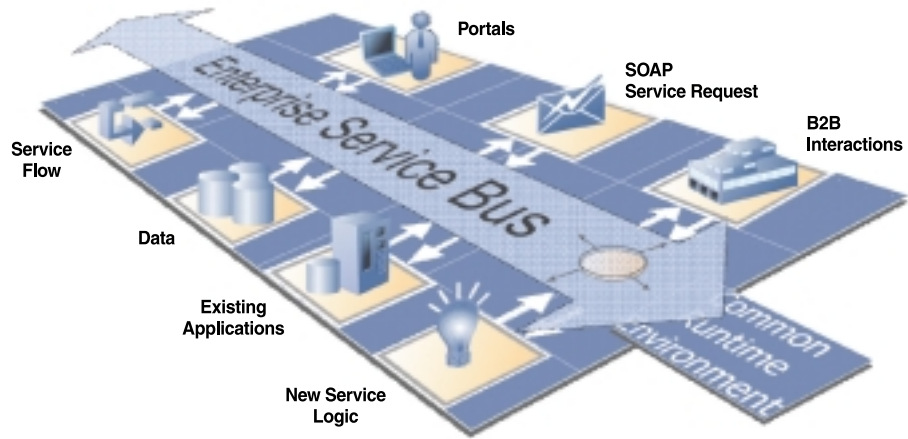
2\_



가

ESB(Enterprise Service Bus)  
(loosely coupled)

ESB  
(Broker & Mediate)



3\_

(SOA)

(SOA) 4

- 1 -
- 2 -
- 3 - ESB(Enterprise Service Bus)
- 4 -

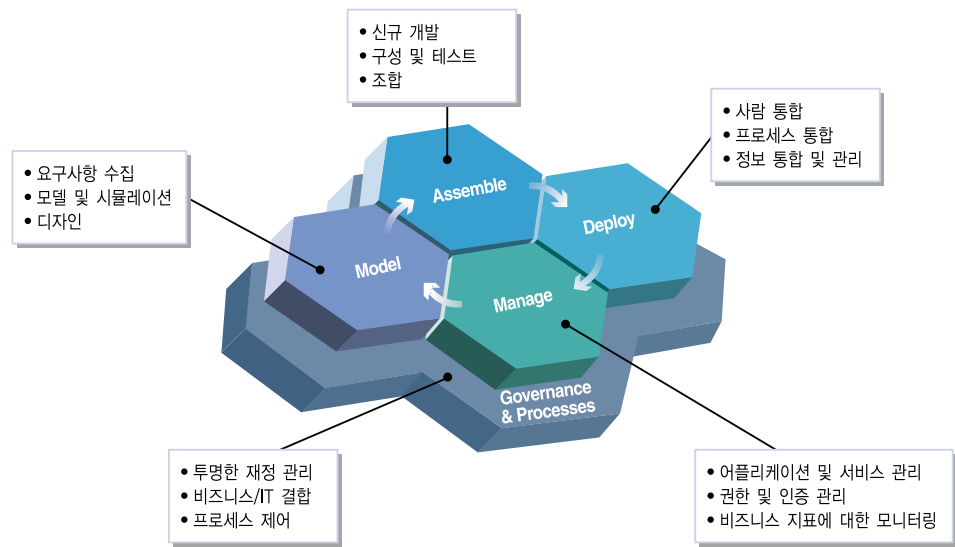
가

WSDL(Web Services Description Language)

XML

ESB(Enterprise Service Bus)

SOA (Service Oriented Architecture) 가 (Model) (Assemble) (Deploy) (Manage) (SOA) 가



### 4\_SOA

**(Model)**

(Model) 가

SOA

IT 가가

가

가

**(Assemble)**

(Assemble) 가

가

가

**(Deploy)**  
(Deploy)

가

Point - to - Point

**(Manage)**  
(Manage)

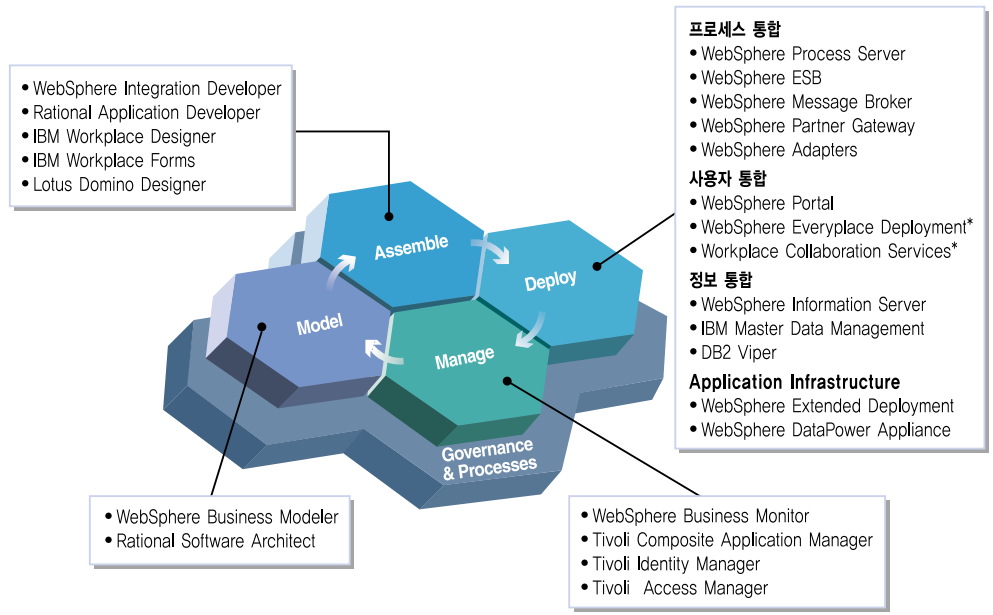
가 가

(Model) 가

# 3

## IBM SOA

IBM SOA SOA IBM  
 IBM SOA SOA IBM  
 IBM SOA SOA /  
 IBM SOA SOA  
 IBM SOA SOA



5\_ IBM SOA : SOA IBM

IBM WebSphere Business Modeler -

IT 가

가

IBM Rational Software Architect - UML

Model - driven Development



**IBM WebSphere Integration Developer** - EJB, , COBOL, C++ IT WebSphere Business  
 Modeler 가

**IBM Rational Application Developer** - , SOA , J2EE , J2EE  
 UML

**IBM Workplace Designer** - , Visual Basic , IBM Lotus Domino  
 가 IBM Workplace SOA . IBM  
 Workplace IBM SOA Front - end

**IBM Workplace Forms** - SOA Front - end XML

**IBM Lotus Domino Designer** - IBM Workplace  
 Domino

**IBM WebSphere Process Server** - WebSphere Process Server SOA  
 WebSphere Enterprise Service Bus(ESB) SOA  
 가 Back - bone IT IT  
 , BSM(business - state machine),  
 (selector),

**IBM WebSphere ESB** - WebSphere ESB , JMS SOA가 가  
 Back - bone  
 ESB

**IBM WebSphere Message Broker** - WebSphere Message Broker /  
 ESB SOA Back - bone

**IBM WebSphere Partner Gateway** - WebSphere Partner Gateway B2B

**IBM WebSphere Adapters** - WebSphere Adapters ERP, HR, CRM SCM IT SOA  
 IT 가 IT SOA WebSphere Adapter ESB  
 SOA

**IBM WebSphere Portal** - WebSphere Portal SOA  
 WebSphere Portal  
 가가

**IBM WebSphere Extended Deployment** - WebSphere Extended Deployment SOA  
 가 SOA  
 SOA

**IBM WebSphere DataPower Appliance** - SOA XML 가 XML  
 SOA  
 WebSphere DataPower Appliance XML  
 SOA

**IBM Master Data Management** - ( , , , )  
 IBM WebSphere Product Center(WPC) , WPC

**WebSphere Information Server** - IBM WebSphere Information Server

**DB2 Viper** - DB2 Viper XML DB2  
 RDBMS XML RDB XML  
 XML , XML  
 SOA

**IBM WebSphere Business Monitor** - WebSphere Business Monitor

**IBM Tivoli Composite Application Manager for SOA** - IBM Tivoli Composite Application Manager for SOA IT

가 가  
 IBM Tivoli Composite Application Manager for SOA  
 가 가

**IBM Tivoli Composite Application Manager for WebSphere** - IBM Tivoli Composite Application Manager for WebSphere SOA

가 . SOA  
 IBM Tivoli  
 Composite Application Manager for WebSphere 가 J2EE

**IBM Tivoli Identity Manager** - IBM Tivoli Identity Manager SOA

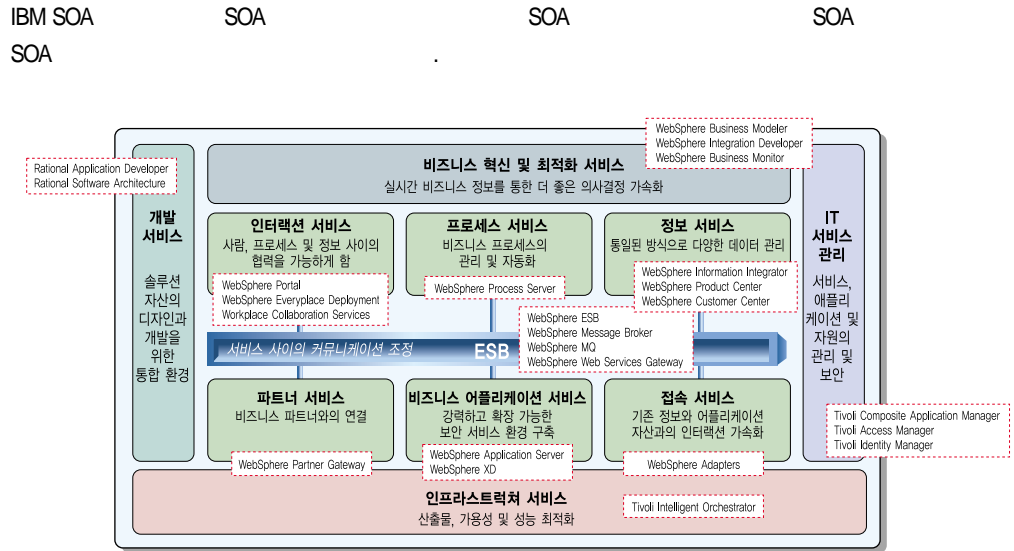
, 2가  
 , 가  
 가

**IBM Tivoli Access Manager** - Tivoli Access Manager SOA

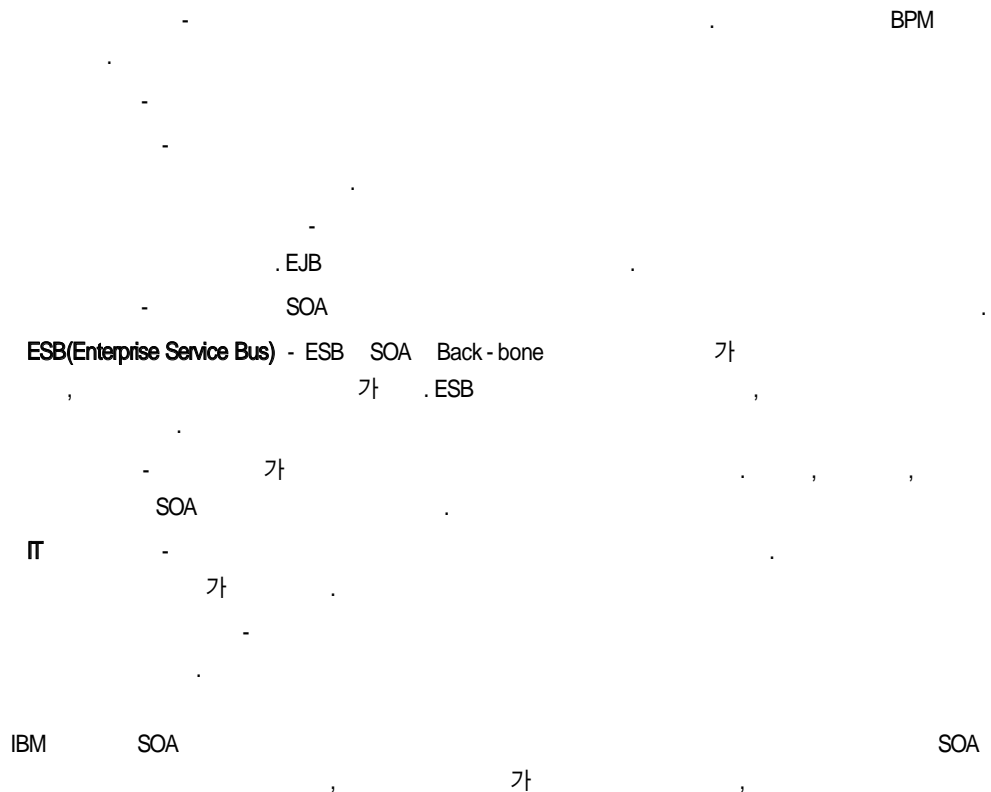
가 , Tivoli Access Manager SOA  
 SOA API , J2EE  
 (SSO: Single Sign - On) Access Manager  
 SSO , SAML(Security Assurance Markup Language)

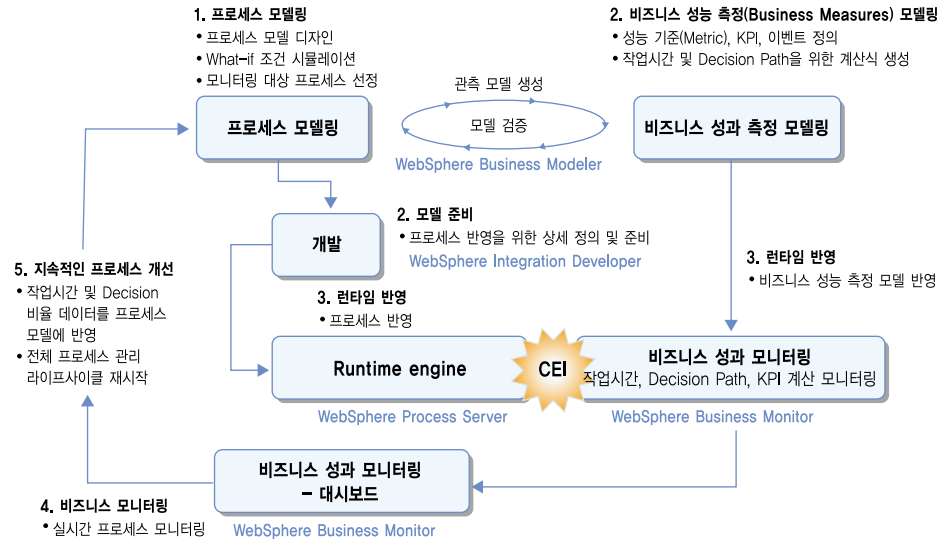
# 4

## IBM SOA



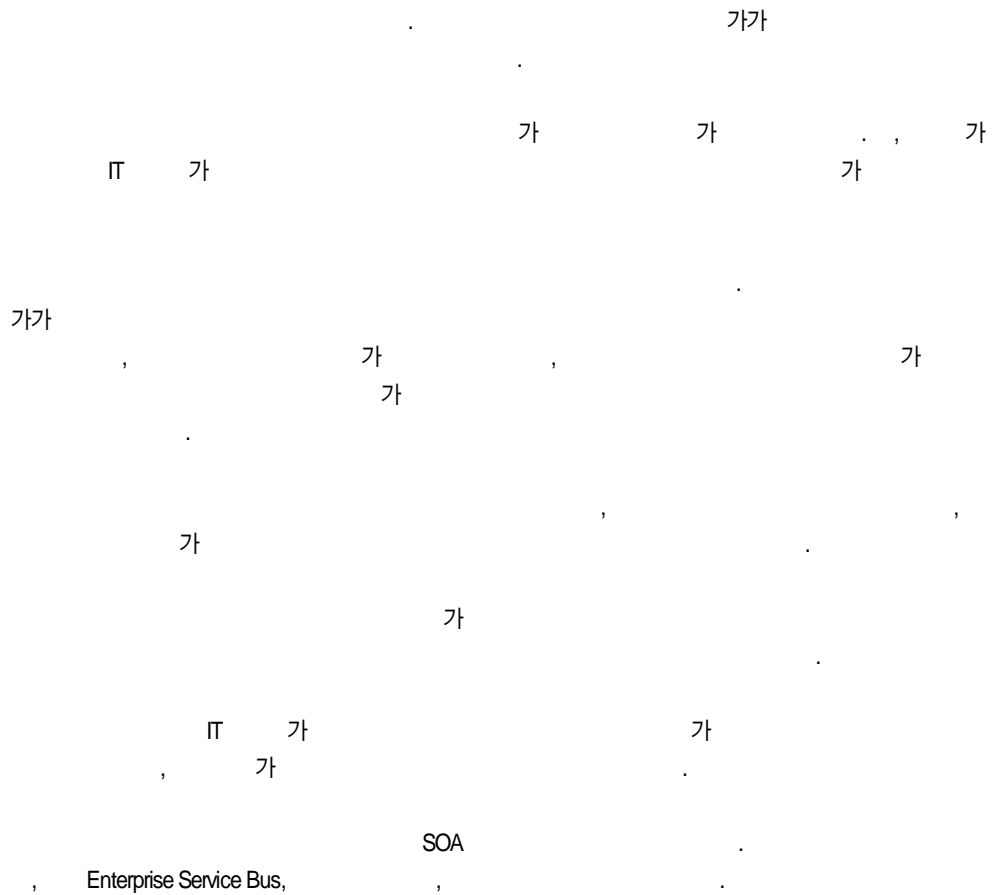
6\_ IBM SOA





### 7\_SOA

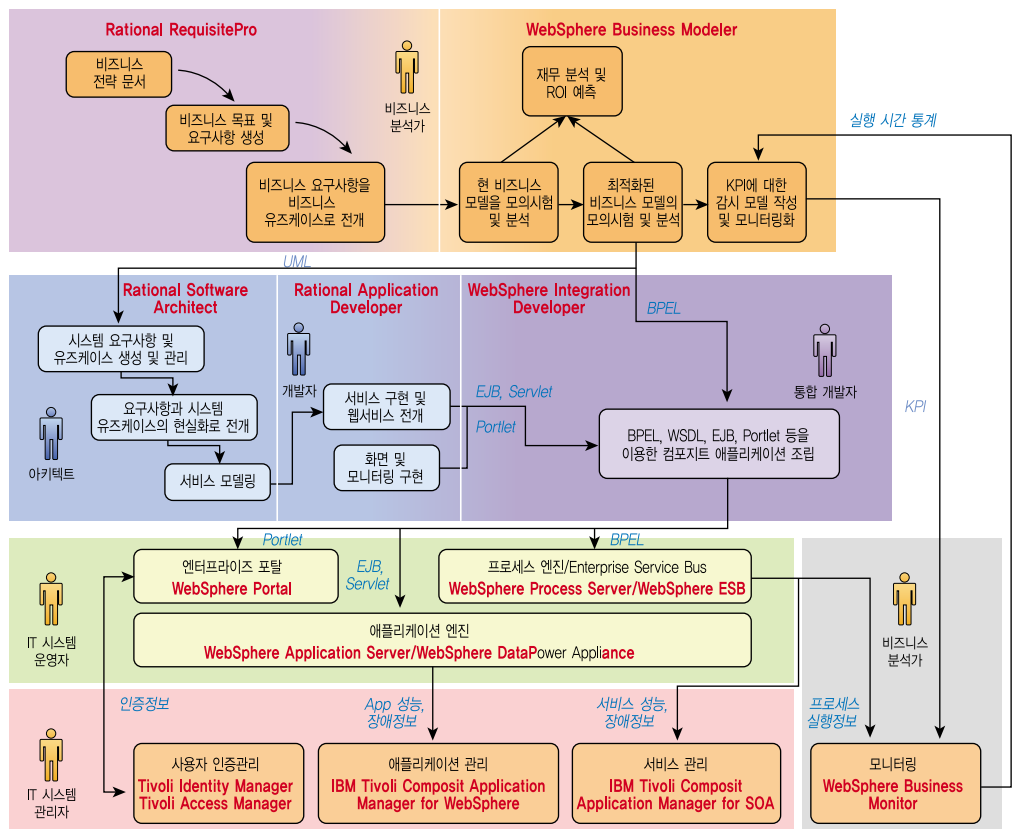
SOA



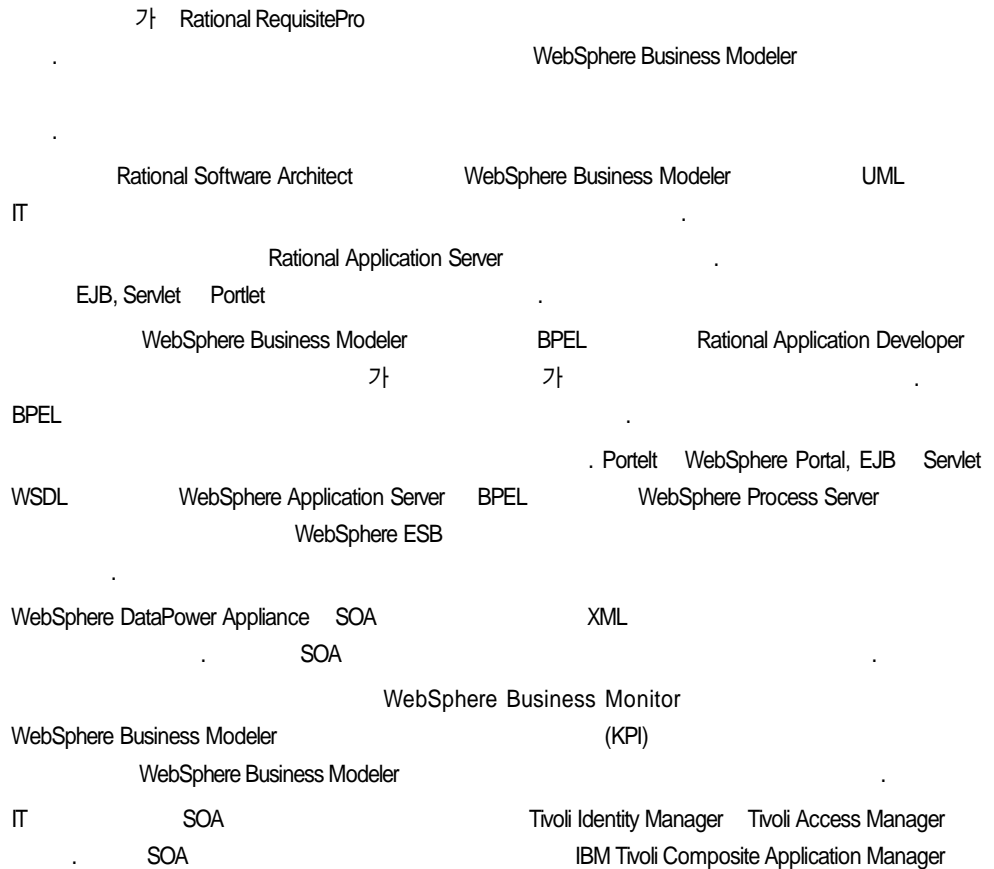
SOA IBM 가 SOA

IBM SOA IBM SOA

SOA



8 IBM SOA



# 6

## SOA

SOA SOA

SOA

“ SOA SOA 가  
SOA SOA ROI  
SOA ”

*Service - Oriented Architecture Craves Governance, Gartner, Inc., Paolo Malinverno, January 20, 2006*

“ 2006 ( 50 ) SOA  
가 . (0.8 probability). ”

*Management Update: Predicts 2006: The Strategic Impact of SOA Broadens, Gartner, Inc., Jess Thompson, Yefim V. Natis, Massimo Pezzini, Paolo Malinverno, November 23, 2005*

SOA

가, ,

IT

IT

SOA

SOA

IT

가

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IT

SOA

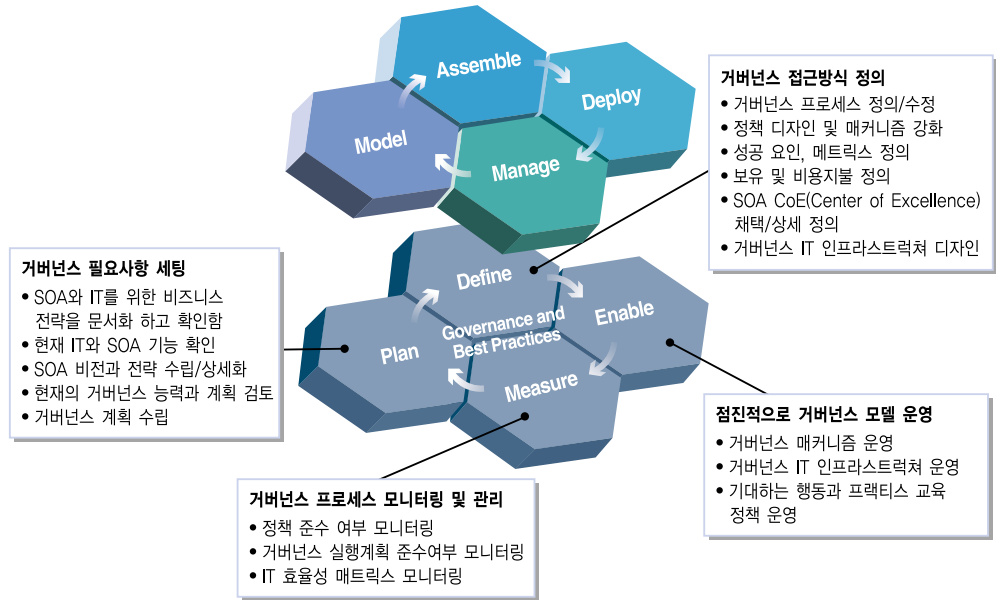
IT

IT

SOA

&	SOA
가 가	SOA
가	SOA
가	SOA IT





### 9\_SOA

SOA (Plan), (Define), (Enable) 가(Measure) 4

SOA

SOA

SOA

“ ”

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IT SOA

IT SOA

SOA

SOA

SOA

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IT 가

SOA Center of Excellence(COE)

IT

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SOA

SOA

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IT

SOA

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SOA

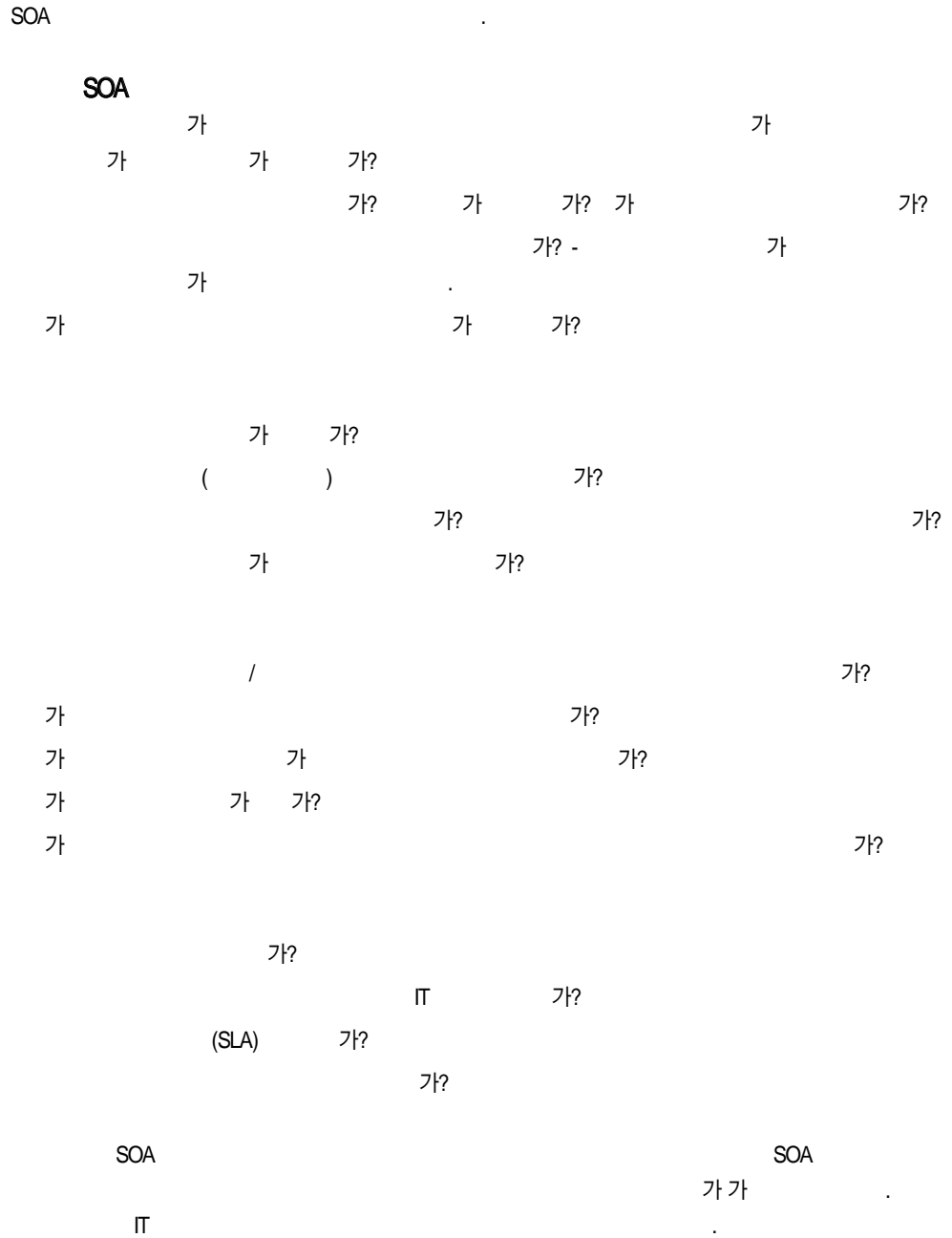
가

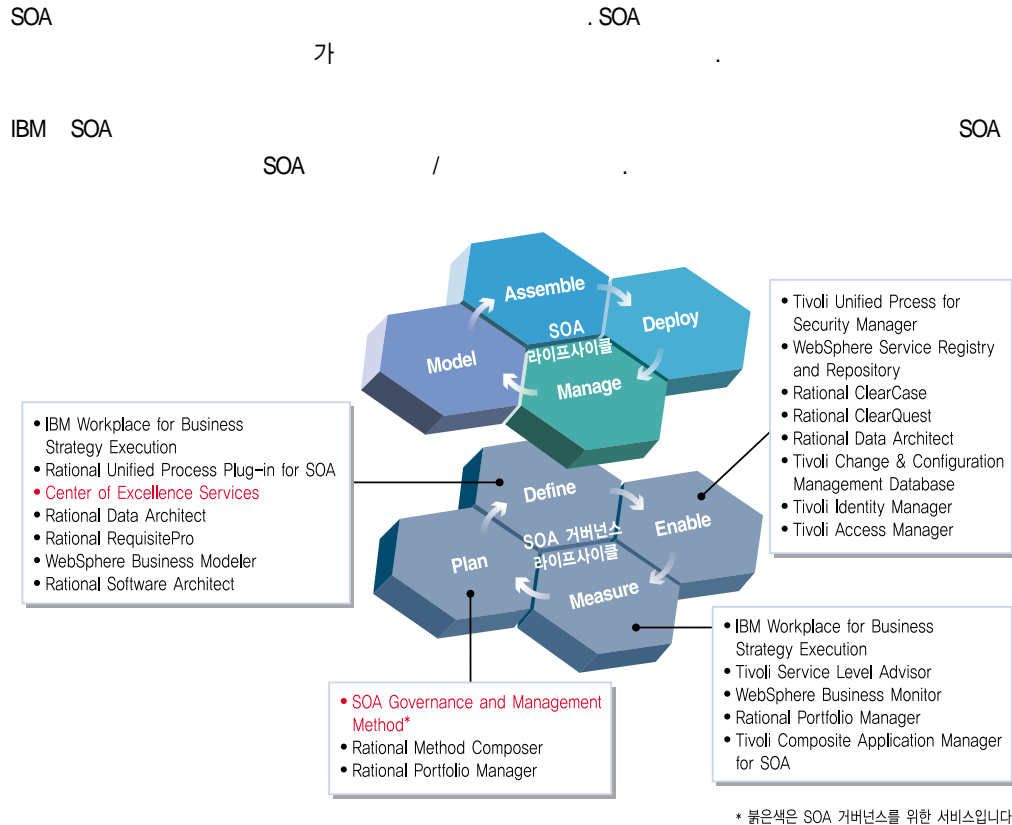
.SOA

SOA

IT

(SLA),





10\_SOA IBM

SOA  
**SOA Governance and Management Method** - SOA  
 ,  
 SOA Center of Excellence(COE) 가  
**Rational Method Composer** - Rational Method Composer  
 RUP(Rational Unified Process) 가  
 , RPM , SOA  
 가  
**Rational Portfolio Manager** - Rational Portfolio Manager  
 ,  
 /  
 가가

**SOA**

**IBM Workplace for Business Strategy Execution** -

- 
- 
- 
- 
- 
- 

**Rational Unified Process Plug - in for SOA** - Rational Unified Process

SOA . RUP Plug - in for SOA SOA RUP  
 ,가 , Rational Software Architect

**Center of Excellence Services** - Center of Excellence SOA SOA  
 . Center of Excellence SOA

- SOA 가
- SOA
- 
- 
- 가가
- 
- SOA

**Rational RequisitePro** - Rational RequisitePro

**IBM WebSphere Business Modeler** -

IT 가 가

**IBM Rational Software Architect** - UML Model - driven Development

**Rational Data Architect** - Data

- 
- 
- 
- 가

SOA

**Tivoli Unified Process for Security Management** - Tivoli Unified Process for Security Management

IT IT

**WebSphere Service Registry and Repository** -

- SOA 가

- IT SOA

**Rational ClearCase** - Rational ClearCase &

**Rational ClearQuest** - Rational ClearQuest

**Rational Data Architect** - Rational Data Architect

SOA

**Tivoli Change & Configuration Management Database** - Tivoli CCMDB IT

가

**Tivoli Federated Identity Manager** - Tivoli Federated Identity Manager

**Tivoli Access Manager** - Tivoli Access Manager

SOA 가

IBM Workplace for Business Strategy Execution -

- 
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IBM WebSphere Business Monitor - WebSphere Business Monitor

Rational Portfolio Manager - Rational Portfolio Manager

Tivoli Service Level Advisor - Tivoli Service Level Advisor

OLA

(SLA) , IT

SLA 가

IBM Tivoli Composite Application Manager for SOA - IBM Tivoli Composite Application Manager for SOA IT

가 가

IBM Tivoli Composite Application Manager for SOA

가 가

IBM SOA  
SOA

SOA

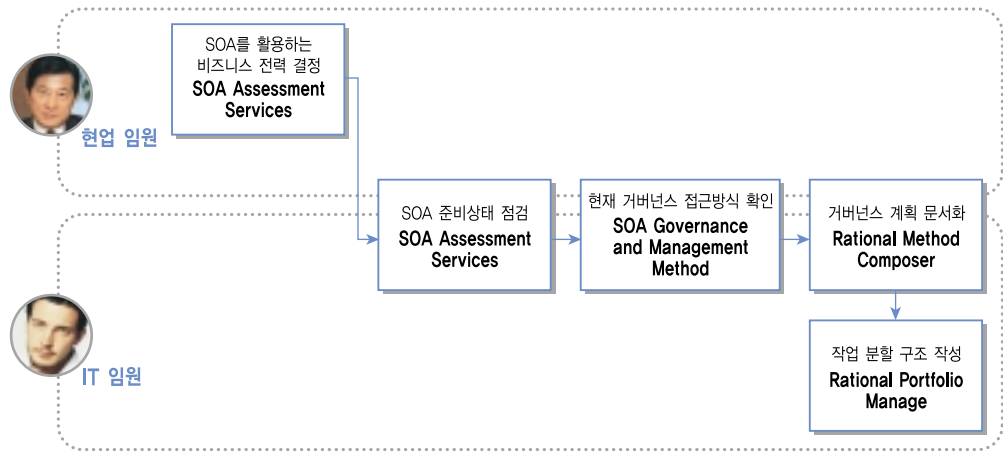
SOA

SOA가

가

QoS

SOA



11\_SOA

IBM SOA

SOA

1. SOA IBM SOA Assessment Services
2. SOA Assessment Services SOA가
3. SOA IBM SOA Governance and Management Method
4. Rational Method Composer SOA
5. Rational Portfolio Manager SOA

SOA

SOA

가

SOA

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IT

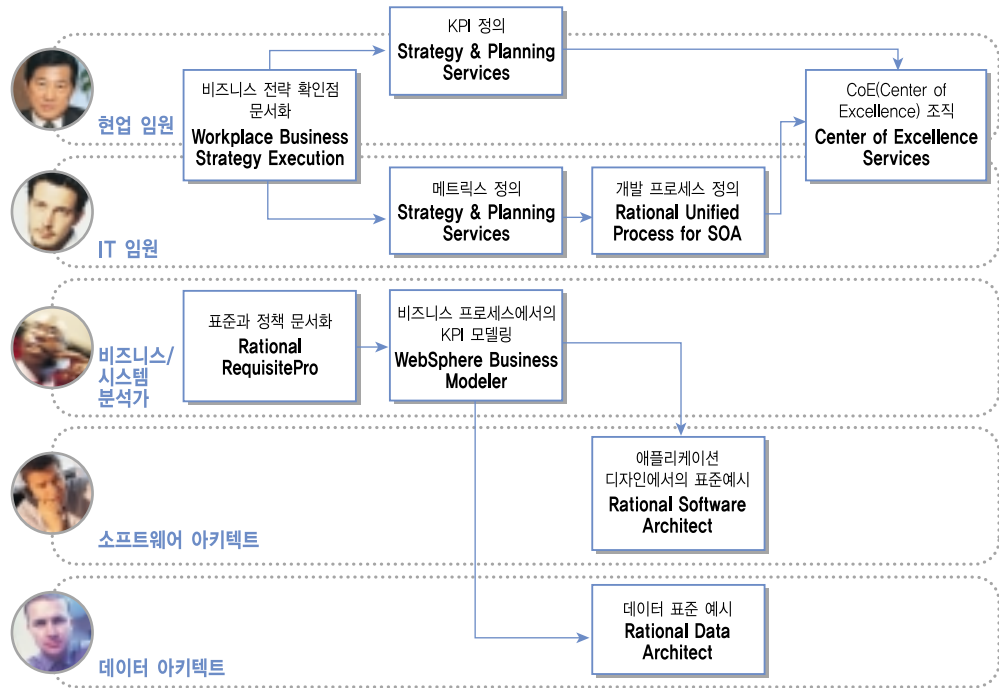
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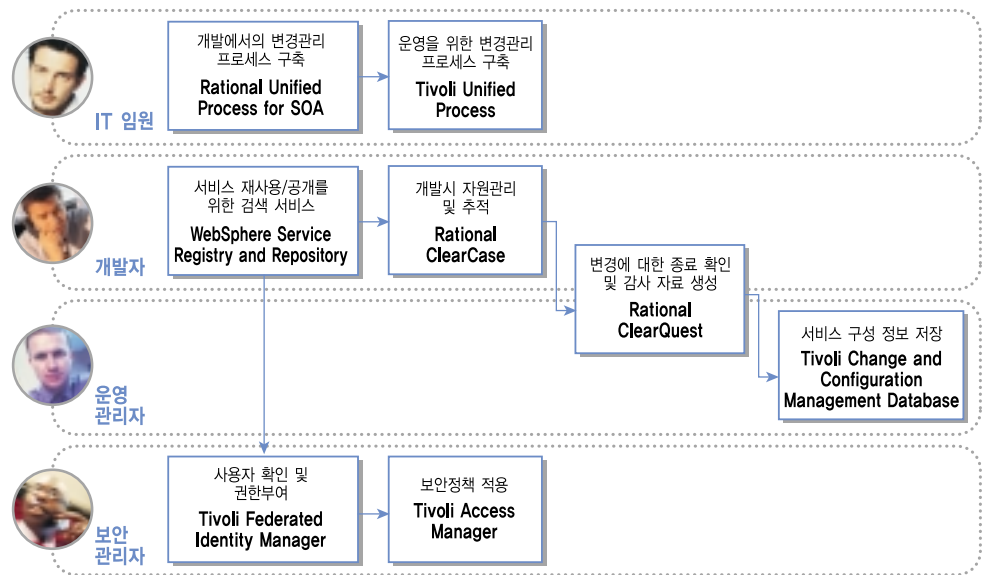
12\_SOA

IBM SOA

SOA

1. IT가 IBM Workplace Business Strategy Execution
2. IBM Strategy & Planning Services 가 KPI
3. IT Rational Unified Process for SOA
4. KPI 가 Center of Excellence Services
5. SOA 가 Rational RequisitePro
6. WebSphere Business Modeler KPI
7. 가 Rational Software Architect
8. Rational Data Architect

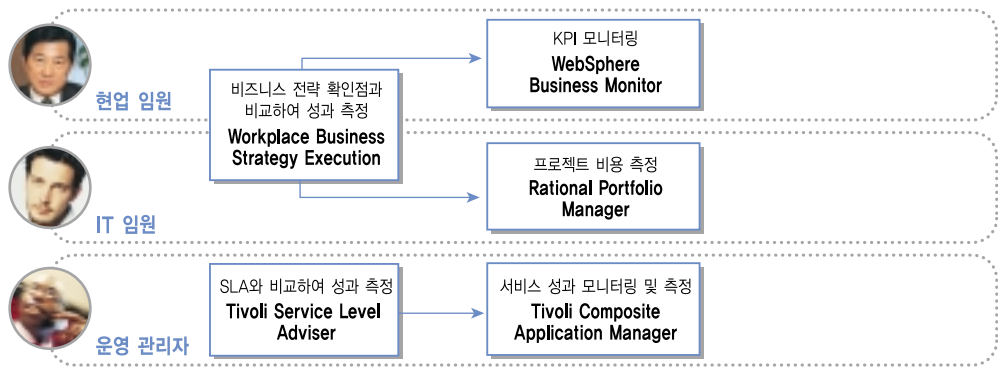
SOA  
 SOA 가  
 SOA 가  
 SOA 가



13\_SOA

- IBM SOA
1. Rational Unified Process for SOA
  2. Tivoli Unified Process
  3. WebSphere Service Registry and Repository
  4. Rational ClearCase 가 가
  5. Rational ClearQuest
  6. 가 Tivoli Change and Configuration Management Database
  7. Tivoli Federated Identity Manage
  8. Tivoli Access Manager

SOA 가  
 SOA 가  
 IT가 , 가 가 가 가  
 가  
 SOA 가 가 , 가 가 가 IT  
 가



14\_SOA 가

- SOA 가
1. IT가 Workplace Business Strategy Execution 가
  2. WebSphere Business Monitor KPI
  3. Rational Portfolio Manager
  4. Tivoli Service Level Adviser (SLA)
  5. Tivoli Composite Application manager

**IBM SOA &**

	Plan	Define	Enable	Measure
SOA Governance Practice	✓	✓	✓	✓
SOA Governance & Management Method	✓	✓	✓	✓
SOA Assessment	✓			✓
SOA Center of Excellence	✓	✓	✓	
IBM Organizational Design Services	✓	✓		
IBM Infrastructure Services			✓	
Rational Method Composer Content	✓			
Rational Portfolio Manager	✓			✓
Rational Unified Process		✓	✓	
Rational Software Architect		✓	✓	
Rational ClearCase			✓	
Rational ClearQuest			✓	
Rational Data Architect		✓	✓	
WebSphere Business Modeler		✓	✓	
WebSphere Service Registry and Repository			✓	
WebSphere Business Monitor				✓
Tivoli Unified Process for Security Management		✓		
Tivoli Change & Configuration Management Database			✓	
Tivoli Federated Identity Manager			✓	
Tivoli Access Manager			✓	
Tivoli Composite Application Manager for SOA				✓
Tivoli Service Level Advisor				✓
IBM Workplace for Business Strategy Execution				✓

\* SOA

IBM

(SOA)



**비즈니스와 IT 프로세스를 결합하는 전문가**

- SOA 컨설턴트, 아키텍트 및 IT 전문가
- 다수의 SOA 적용 비즈니스 솔루션

**수많은 비즈니스 파트너 에코 시스템 (ISV, SI, Reseller)**

- SOA 커뮤니티에서 1200개 이상의 파트너

**확장 가능한 산업별 경험과 베스트 프랙티스**

- 전세계 1800개 이상의 고객군
- SOA 엔트리 포인트

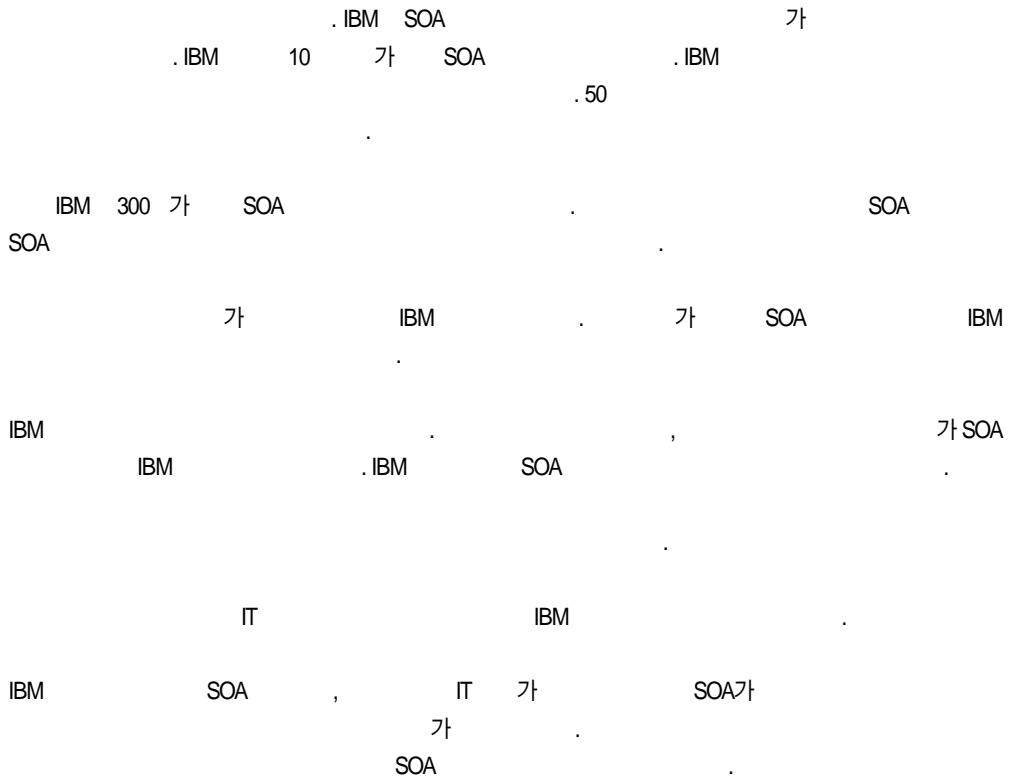
**비교할 수 없는 넓이와 깊이를 가지는 제품군**

- SOA에 연간 \$1B 투자
- 개방형 표준에서의 리더십과 300개 이상의 SOA 관련 특허 보유

**검증된 거버넌스 및 베스트 프랙티스**

- 서비스 라이프사이클을 확장하는 IBM SOA Governance & Management Method

15\_ IBM SOA





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