



1999 9 16



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1

가 .

SFA(Sales Force Automation)

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2

가 / 가 .

2.1



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-
-
-



가



가

가

	가 32bit pre-emptive multi-thread Windows 32 thread 22	Windows 95 DOS, 16bit
	가 Windows NT	
Communication	MS 가 가 Windows Socket API subset - connection IrDA	Windows CE Winsock and IrSock APIs TCP/IP and IrDA protocols NDIS4.0 support for local area networking PPP and SLIP via serial or modem connections Remote file access (WNet API) Remote Access Client (RAS API) Browser support (WinInet API)
Windows	DOS, 16 bit Windows Java VMs	MFC, ATL(Active template library) Visual Basic,
	Window CE	MS hard real-time
	Windows CE mobile device	,
	Keyboard, mouse, stylus	가
	Screen Display 256x64(Auto PC), 240x320(Palm PC), 640x240(Handheld PC)	가

PC

[illegible]

3

3.1



Multi Tier

WEB Based Transaction



3.2



GIS/GPS



3.3

Athens Internal Medicine



Shell International Exploration and Production



Application Access



가



Union Gas of Canada



 Hankel Iberica, SA

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-
-
-

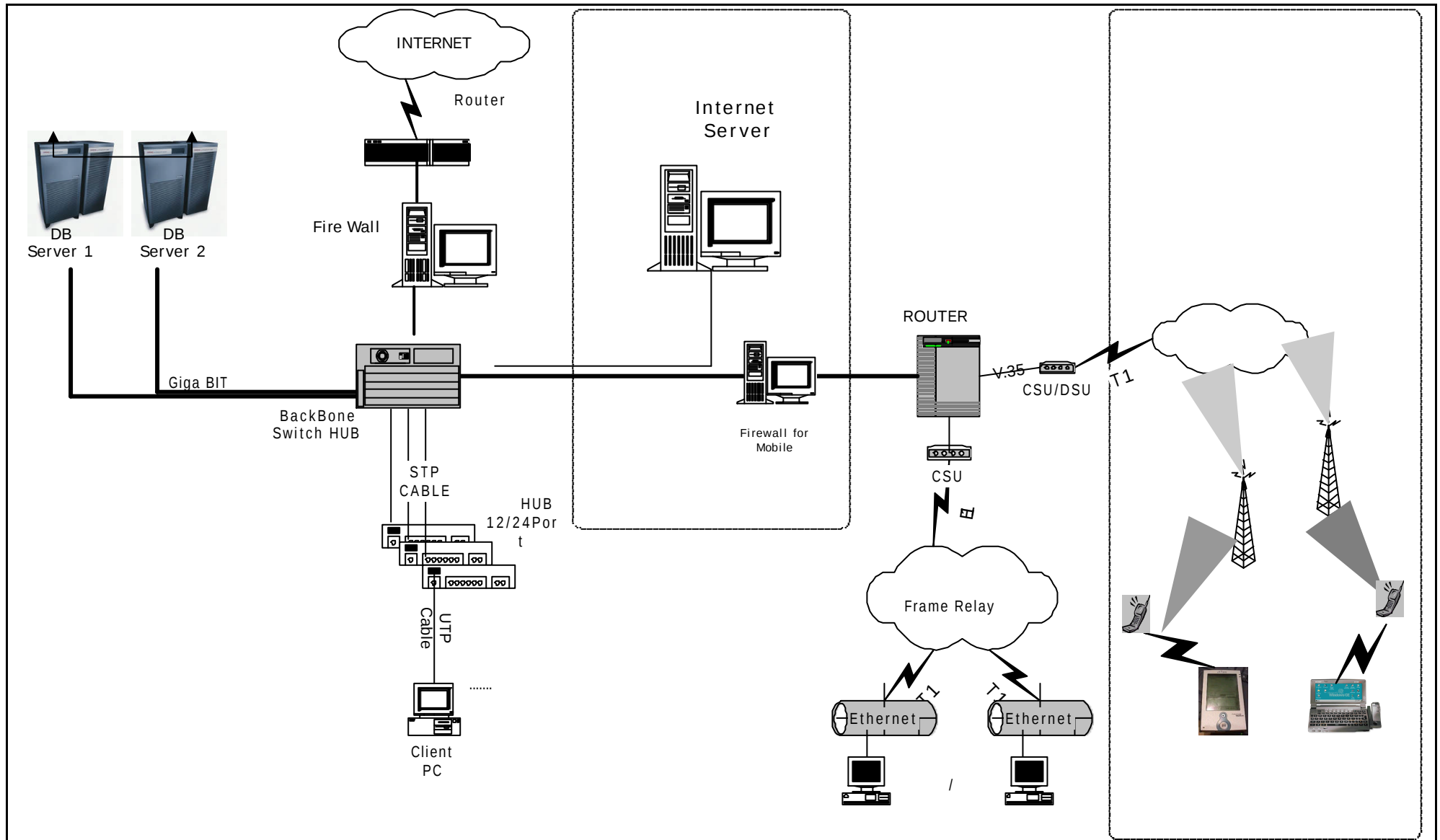
 Hamburg-Mannheimer Versicherrungs AG

 American Family Insurance

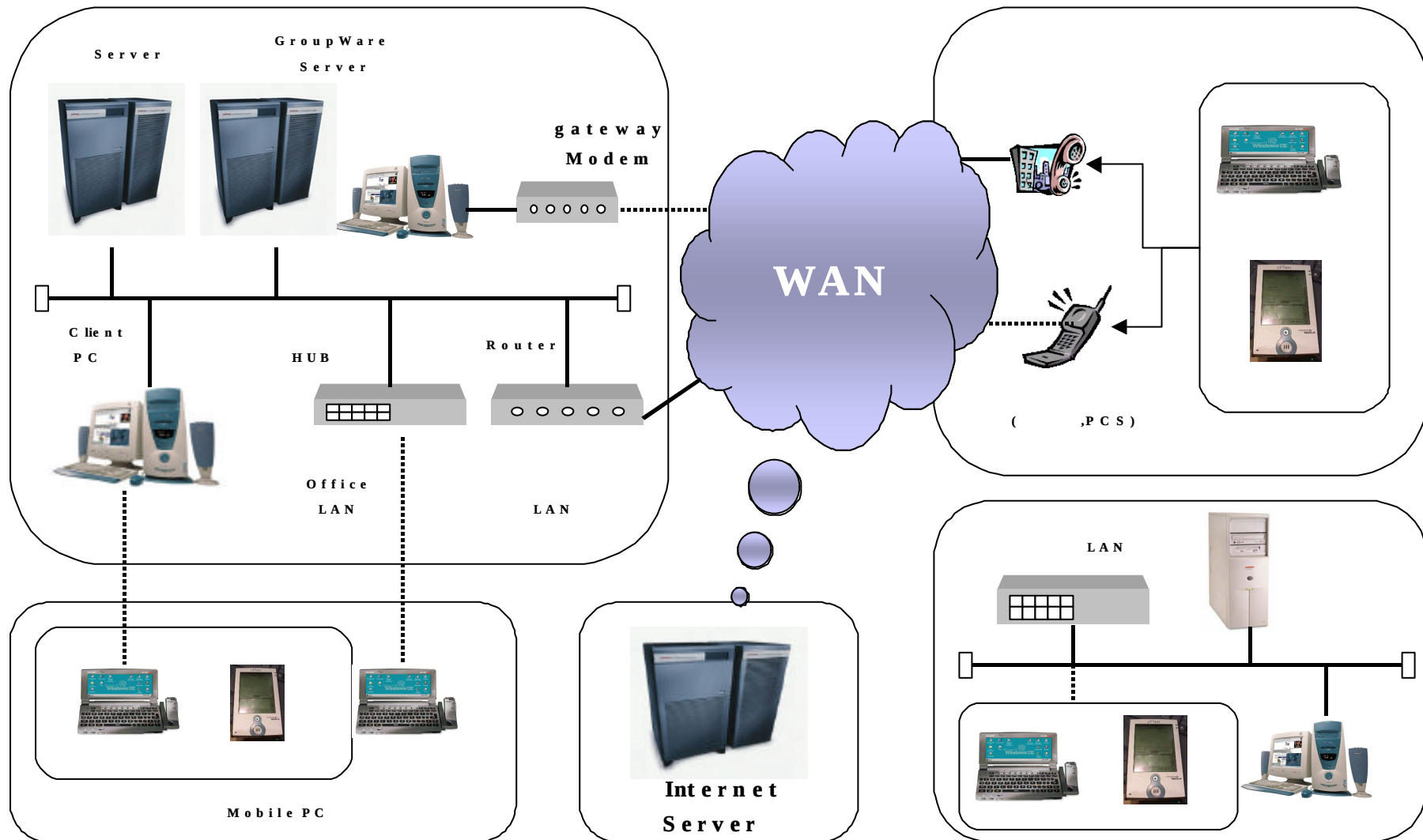
 British Telecom

4

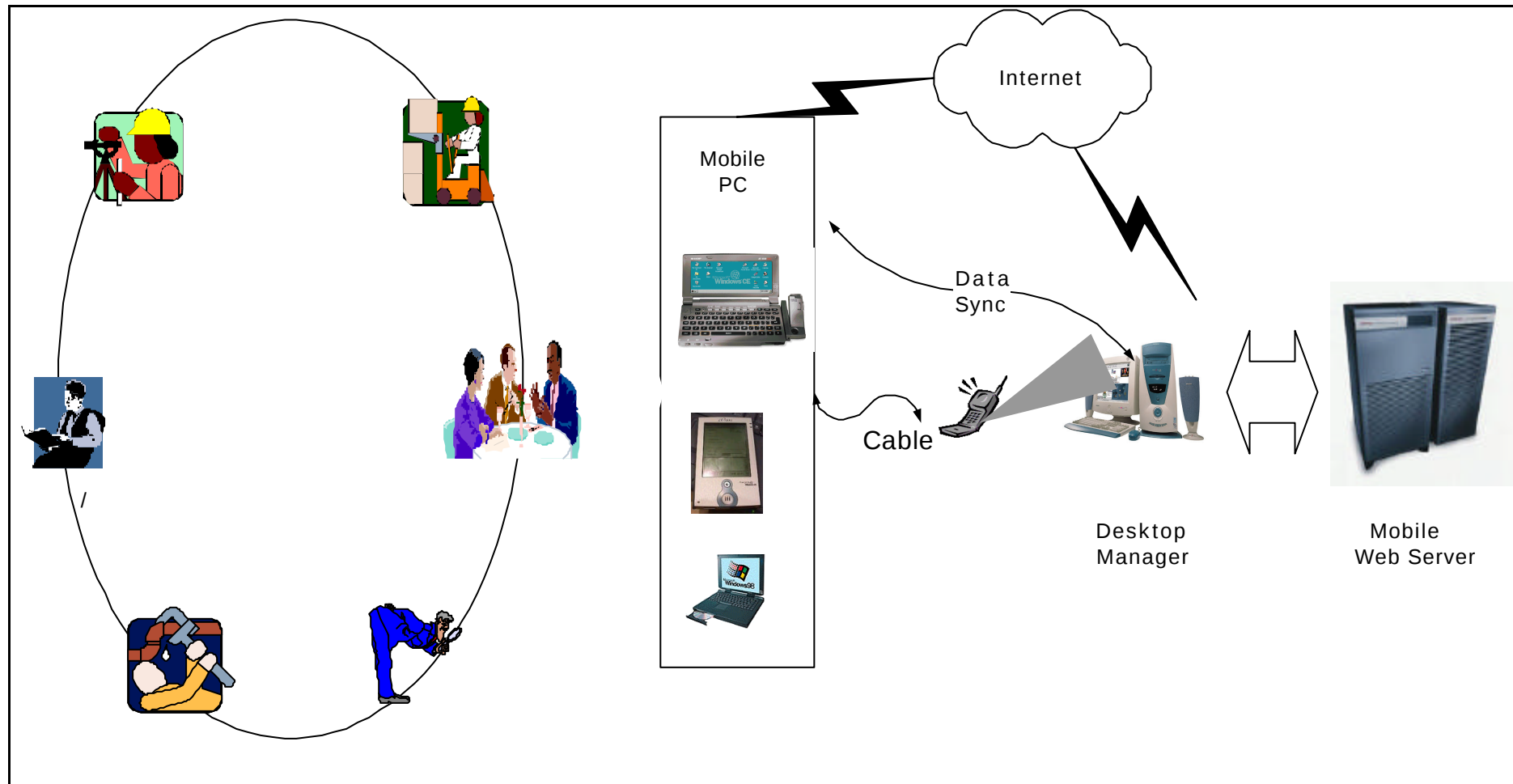
4.1



4.2



4.3



4.4

		Car navigation	GIS Engine GPS Interface
A/S	A/S		
		/	
		/	
		/	
		Retail Support Merchandising Cycle	
	/	(Location)	GIS Engine GPS Interface
	/	EDI	

PC

	/		GIS Engine GPS Interface
(ERP)		ERP Add-on	
	/		GIS / EDMS
	가		
	가 Auto PC	Windows CE Java / C++	

5

5.1

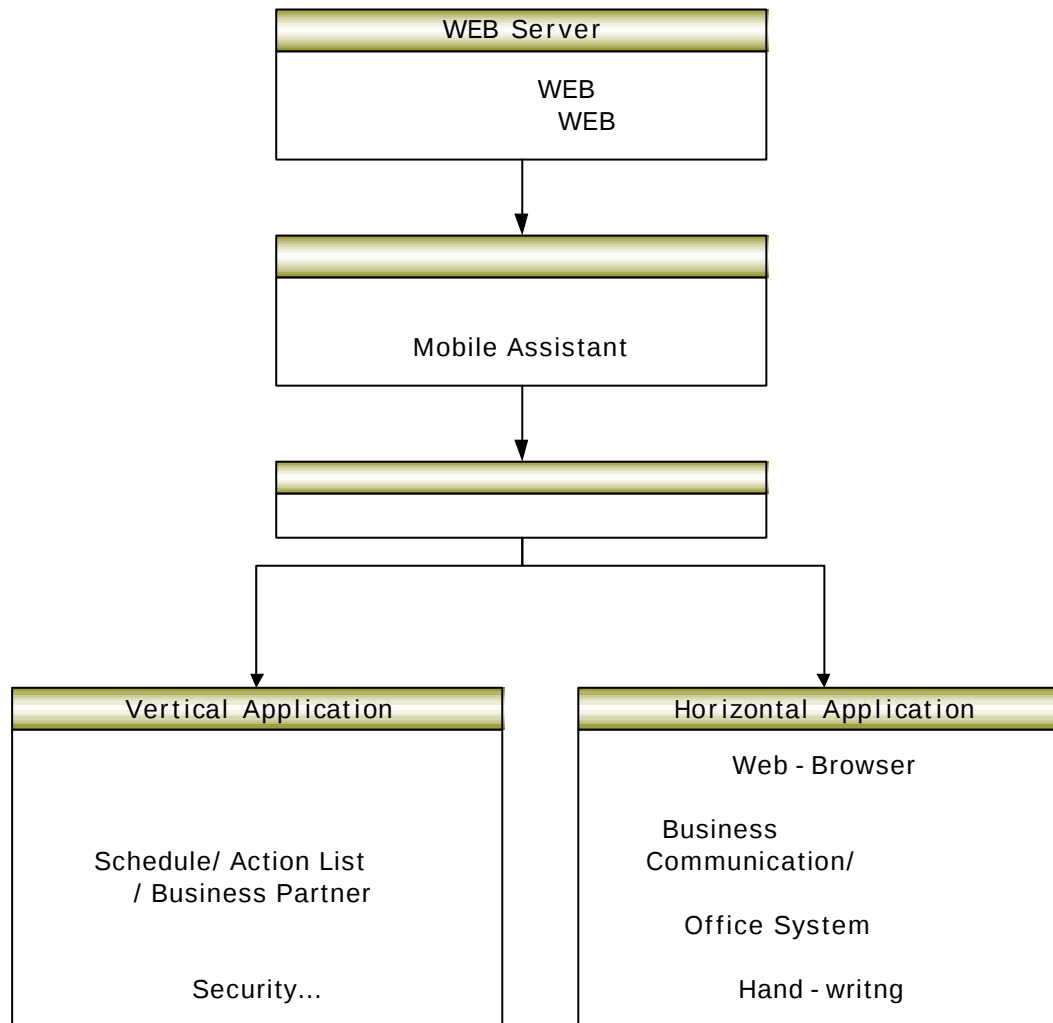
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-
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5.2

(correctness)	.
(reliability)	.
(efficiency)	.
(integrity)	.
(usability)	.
(maintainability)	가 .
(testability)	.
(flexibility)	가 가 .
(portability)	가 .
(reusability)	가
(interoperability)	가 .

6

6.1

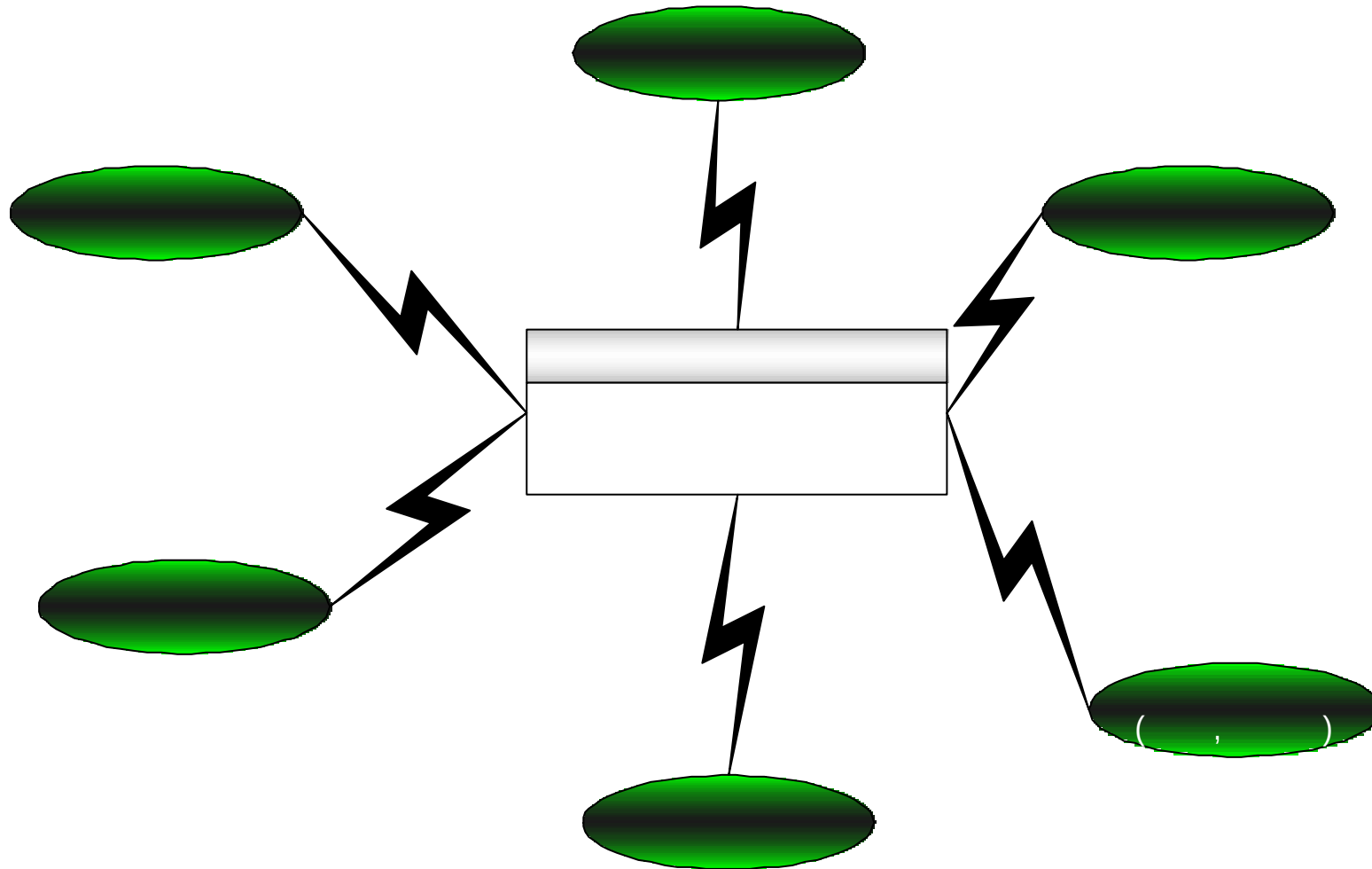


6.2

		Device	/	
S/W	Vertical Application ()	(A/S)	Desktop WEB	Homepage
			WEB	CGI
				On-Line Transaction
				Batch
			Schedule/ Action List	
			/ Business Partner	
				WEB /
				,
			Security	,
				PC
			Mobile Assistant	(HPC)
	Horizontal Application ()		Web-Browser	HPC/PPC Windows CE
			Business	
			Communication/	
			Office System	

PC

		Device	/	
H/W	O.S	WindowsCE 2.11		
	Mobile Device	HPC(Hand held PC)		
				PPC(Palm sized PC)
	Additional Device		Flash Memory	
			Digital Camera	Data Gathering
			Portable Printer	
			Modem for HPC	()
			GPS Receiver for HPC	



Office

Office, , .



, 가 Simulation, .



Communication

, DB , Internet, Intranet, Schedule , Groupware .

Presentation

Presentation.(PDA)

System



14400bps , . Data .



Access 가 Access Cost 가 . WAN



Application 가 . Agent .