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(22) 2002 04 15

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(72) () 230 1503

118 204

1 103 805

110 203

487-302

64-2716/4 201

(74)

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(54) , ,

ASP , PACS

, PACS

가

가

1

1

가

1,2 , , PACS 1,2 2 ,
 , (HIS), PACS OSC, EMR ,
 PACS , , 가 가 ,
 PACS , , 가 . ,
 , 가 . ,

4

, 1,2 , 1,2 , , , .

1

2 ASP , ,
 ASP ,
 3 가 (Full) PACS ,
 4 PACS ASP
 ,
 5 PACS , , ,

< >

- 10 : (OSC : Order Communication System)
- 10a: (OIT : Order Input Terminal)
- 100 :
- 200 : PACS (PACS : Picture Archiving amp; Communication System)
- 210 : (Picture Archiving amp; Communication System Modality)
- 220 : 1 (Viewing Station)
- 230 : (Temp Server)
- 240 : 1 (Monitor)(Client PC)

300 : (IDC : Internet Data Center)

310 : (ASP : Application Service Provider System)

311 : (Storage) 312 : (DB Server)

313 : 314 : (Terminal Server)

320 : 2 (Viewing Station)

330 : 2 (Monitor)(Home PC)

400 : 410 : ()

420 : (ACS : Addittional Charges Sever)

Provider) PACS(Picture Archiving amp; Communication System) , , ASP(Application Service PACS

(Picture Archiving amp; Communication System 가 PACS)

(MRI), (CT)

PACS (PULL) PACS (MINI)PACS

가

(Conference)

가

가

가

가

2000

60373

2002

2946

PACS

가

가

62535

(DICOM)

2000

58430

62534

62535

PACS

가

PACS

(Hospital)

PACS

(1)

1

가 (S110), 가 (10:Order Cmmunication System)

(S120), (DB : Data Base) (20)

(S130), (30)

(S140). (DICOM)

(10)

(Modality)

(40) (S150a).

(S150),

PACS

, S110 S150,150a

5 6

PACS

(1) (S210), (40)

(60)

PACS

(50)

(S220). PACS

(40) (20)

(S240).

(60)

(S230),

PACS

, S210 S240

4 5

가

PACS

1

가

가

가

PACS

가

PACS

(DOWN)

가 (Application Service Provider ASP) PACS

ASP 가

ASP

2 ASP (80) , ASP 가 (90) IDC(70) (70:IDC, Internet Data ASP Center) ASP (80)

가 ASP

ASP 가 ASP

P 가 PACS PACS AS

ASP PACS 가

CS ASP PACS PA

, ASP PACS , PACS

, PACS

, PACS 가 PACS

, ASP PACS

가

1 , 1

가

1,2 , 1,2 2 ,
 , 가 ,
 , , ,
 , 1 1 가 ,
 1 , ,
 가 , ,
 , 2 2 가 ,
 2 , 2 ,
 , , ,
 3 가 (Full) PACS , 4 ASP
 PACS ,
 3 4 가 PACS (200) , (400) , (100) (IDC)(30
 0)
 PACS (200) (OCS) (OIT)
 (210) , 1 (Viewing Station)(220) , 2 (Client PC)(330) ,
 (Temp Server)(230)
 (210) (OCS) (OIT)
 (DICOM)
 1 (220) (210)
 1 (240) 1 (220) 가
 (230) 1 (220)
 (IDC) (ASP)(310)
 (IDC)(300) 가

(IDC)(300) (ASP) (310) , 2 (Vie
wing Station)(320) , 2 (Home PC)(330)
(ASP)(310) (IDC)(300)
(400)
312) , (Network)(313) , (310) (Storage)(311) , (DB Server)(
(Terminal Server)(314)
(311) (400)
(312) (400)
(313) (311) (312)
(314) (313)
(240)(330)
(Additional Charges Server (310) PACS (200)
ACS)(420)가
(400) (230) (300)(IDC
) (310)
2 (320) (IDC)(300) (310)
2 (330) 2 (320) 가
, 3 4 가 , ,
, PACS (200), , (Full
) PACS (1) , 3 가 가 , (Full
(DICOM) (10), 가
(Modality) , (30) (70),
(70) (40), (40)
(10) (50) (80) (Viewing Station)(90)
(Monitor)(91)
(Full) PACS (1) PACS (200) , 4 ,
PACS (200) (210) (ASP)(310) (210) (400)
(Gateway) , (210) (IDC)(300)
.(
2000-58430, 2000-62535 .)
(210) 1 (220)

240) 1 (220) 가 1 (

) 가 PACS (200) (Temp Server)(230) (210)
 (IDC)(300)

DICOM receiver), 1 (220) 1 (240) (

(DICOM sender), (Net meeting), m-view-ps, SQL2000

(400) (IDC)(300)

(Temp Server)(230) (400)
 (ASP)(310)

(310) (311)

(400) (312)

(311) (312) (313) (314)

(313) 가 (314)

2 (320)

2 (320)

2 (320) 2 (330)
 가

(210)

(Gateway)

(210) 가 가
 가 (IDC)(300) 가
 가 PACS (200) (210) (ASP)(310)

(ASP)(310)

12) (ASP)(310) 2 (314) (311) (3)

(330)

(ASP)(310)

(410)가

PACS (200) 3 (Full) PACS (1), 4 PACS (200),

4 가 (Full) PACS (1)
 4 PACS

가

5

5 PACS

가

1.

(ASP) 가 가 (300)(IDC), (310)
 가 (S1),
 (230) (210) (S2)
 (S3), (230)
 (S4) (230) (ASP)(310) (312)
 11) (S5) (312) (ASP)(310) (3

2.

1 (230) 1 (240) (S6),
 (240) (400) (314) (S7)
 가 (ASP)(310) (312) (314)
 (S9), (311) (312) 1 (314)
 (S10) (240)
 11), 1 (210) 1 (220) 가 1 (S
 240) (220) (S12)
 2 (330) (314) (S7), (ASP
)(310) (312) (S8), 가 (
 S9), (311) 2 (312) (314)
 2 (320) (S13)
 (330) (S14).

3. ASP

(ASP)(310) PACS (200)
 (ASP)(310) (Additional Cha
 rges Server:ACS) (312)
 (S15)
 가 (ASP)(310)
 (S16)
 ASP (ASP)(310)
 / 가

가 ASP

가 가

(300)
PACS

(200)

가

가

가

가

PACS

(HIS), PACS

OSC, EMR

PACS

가

가

가

PACS

, ASP

PACS

가

(57)

1.

가

가

1

1

가

2

1,2

1,2

1 2.

3.

가 가

1

가

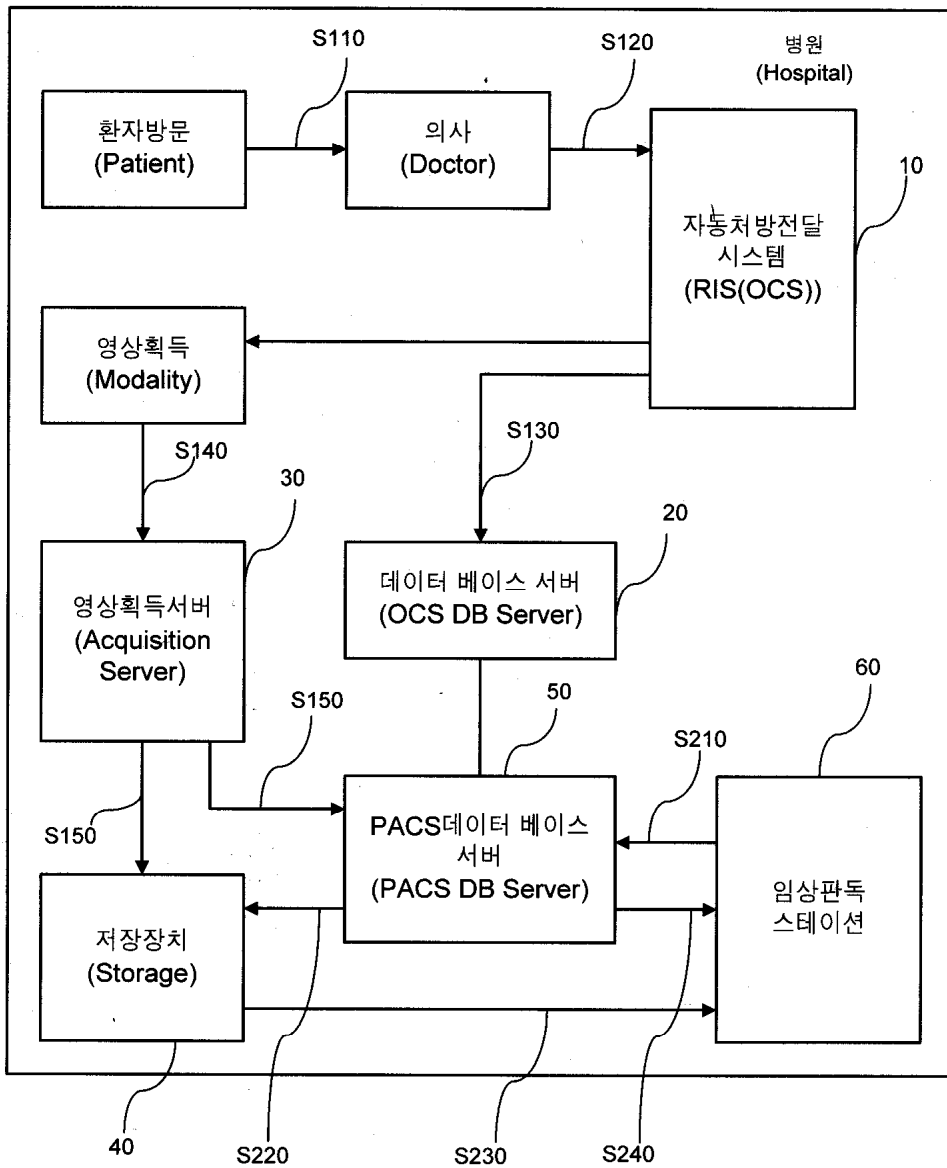
1

가

2

가

2



2

