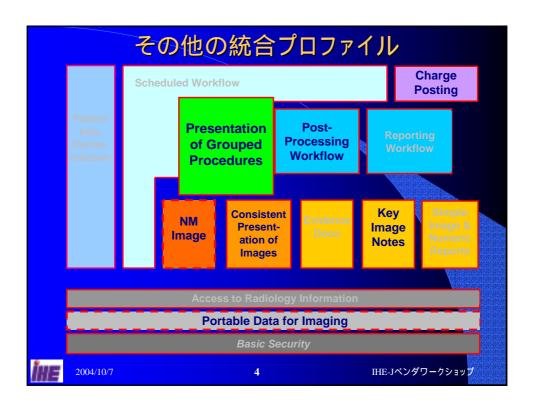
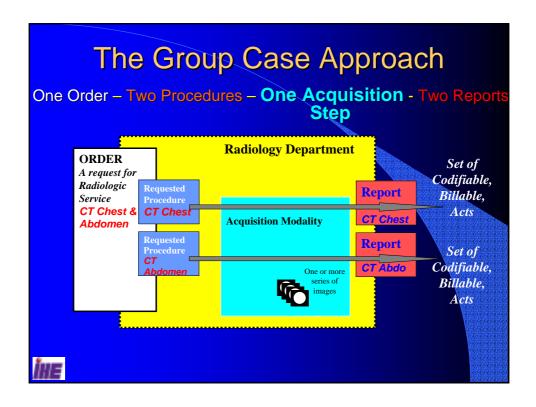
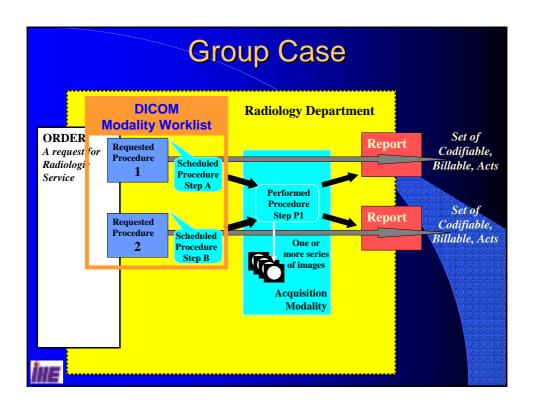


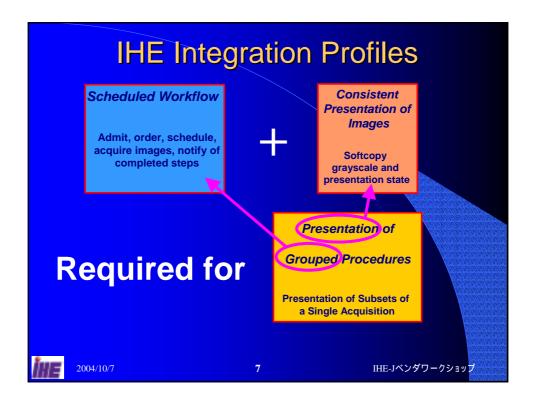


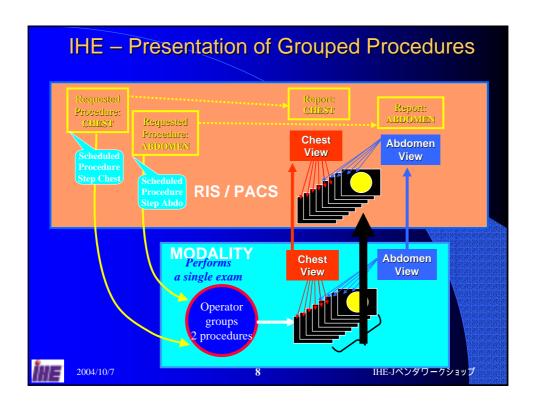
- PGP: Presentation of Grouped Procedure
- PWF: Post-Processing Workflow
- CHG: Charge Posting
- KIN: Key Image Notes

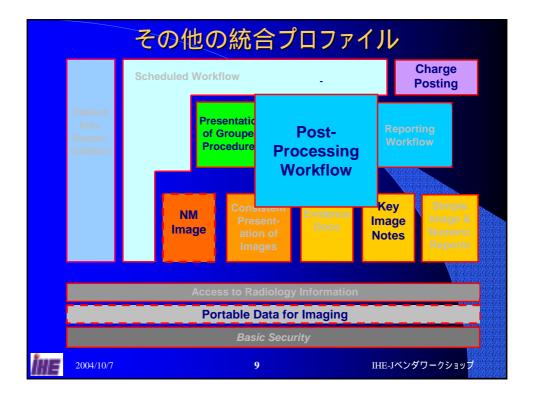


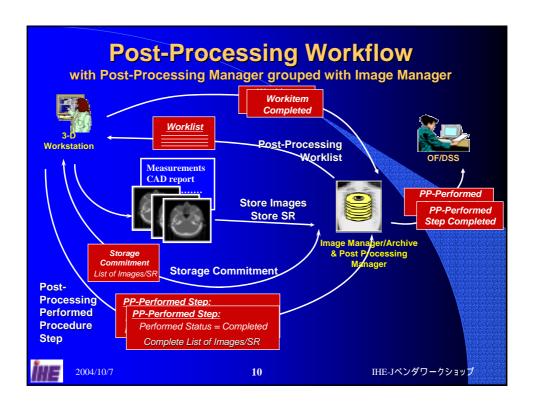


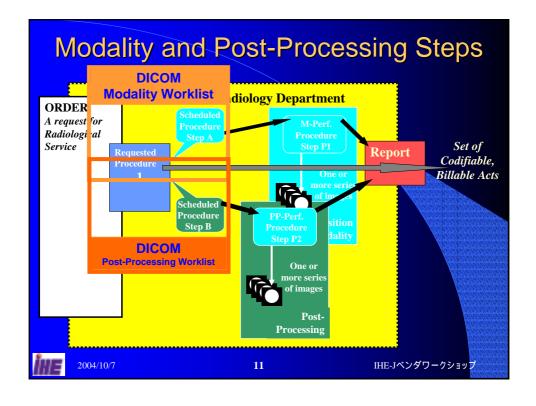


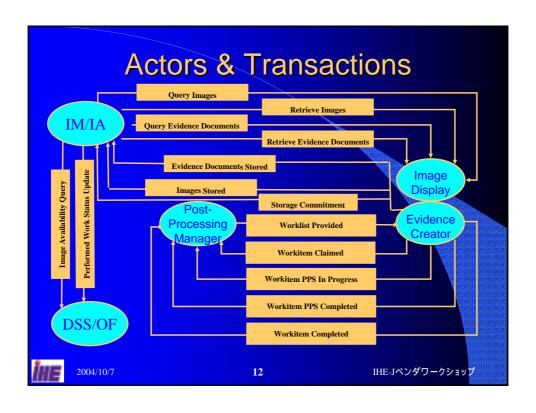


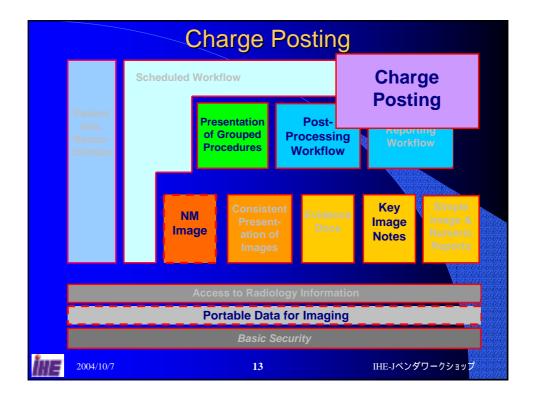


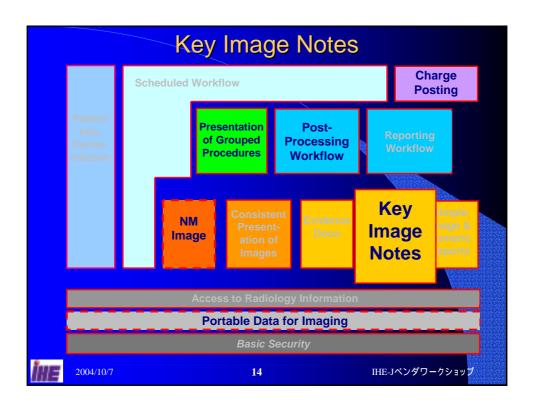




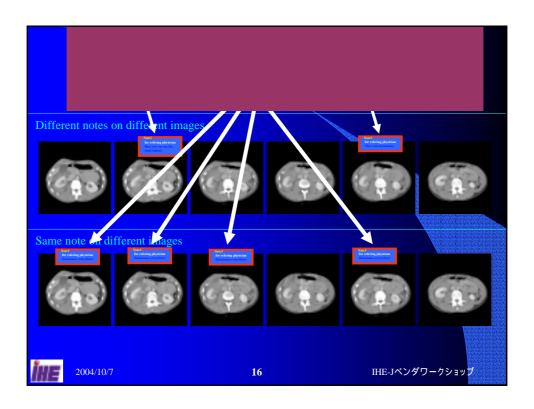






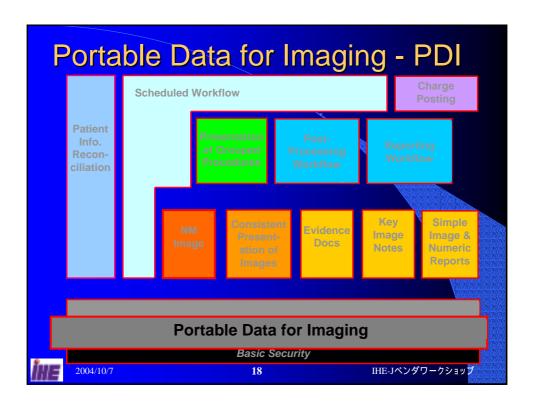


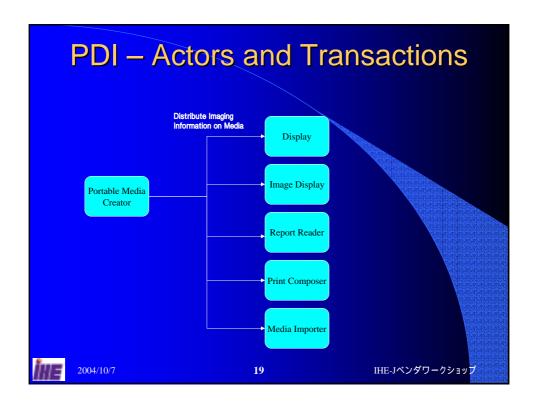


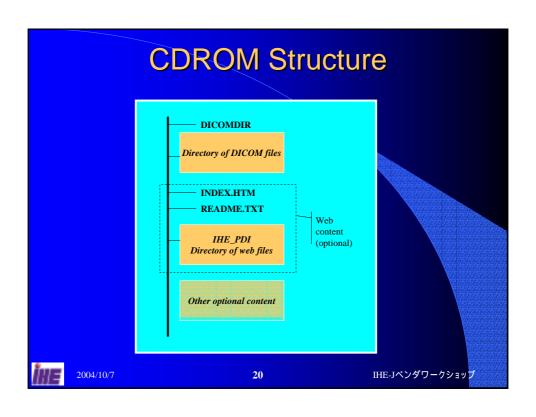


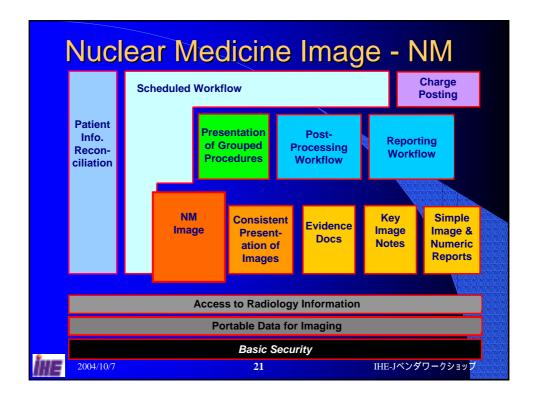


- PDI: Portable Data for Imaging
- NM: NM Image
- Notification Options for Scheduled Workflow
 - Departmental Appointment Notification
 - Instance Availability Notification









NM Image - The Problem

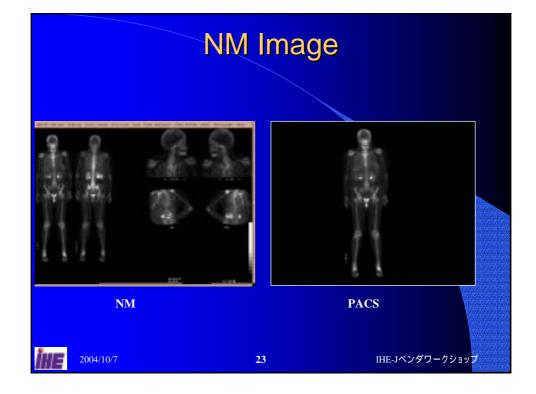
- DICOM NM objects are different and support in products is inconsistent
- NM clinical display practices are different and support in products is inconsistent
- Clinical Analysis Programs are used extensively (particularly for Cardiology), but no support for distribution and display of those Result Screens
- NM Users are not adept at getting these requirements accurately included in RFPs
- Vendors (especially of general purpose systems) are not adept at accurately representing their support for such features

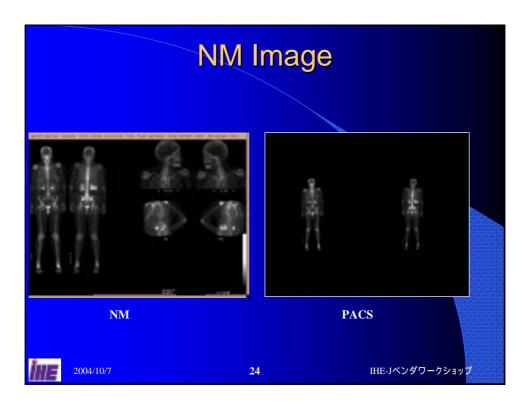


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NM Image Profile

- Acquisition Modalities (Modality Images Stored [8])
 - Create NM objects as specified (additional attribute & vector handling)
 - Include specific codes in Cardiac studies
- Evidence Creators (Creator Images Stored [18])
 - Create NM objects as specified (additional attribute & vector handling)
 - Include specific codes in Cardiac studies
- Image Manager/Archives
 - Store/Retrieve NM & Secondary Capture (SC & MFSC) Objects
- Image Displays

(Retrieve Images [16])

- Display NM and Secondary Capture (SC & MFSC) Images
- Support specified display capabilities



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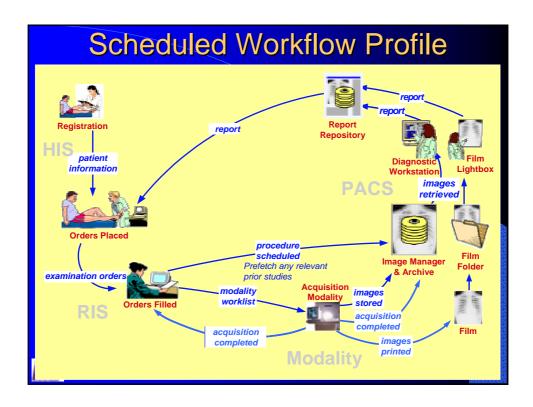
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Notification Options for Scheduled Workflow

Feedback Enhancements

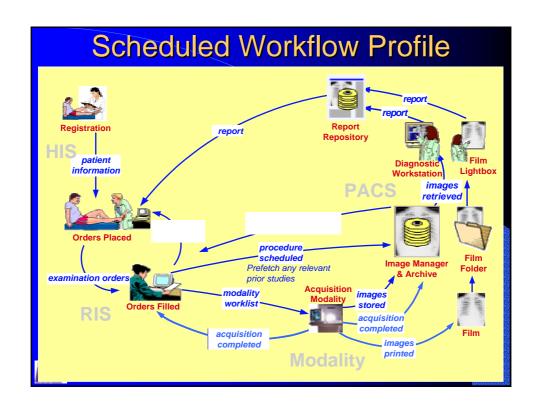


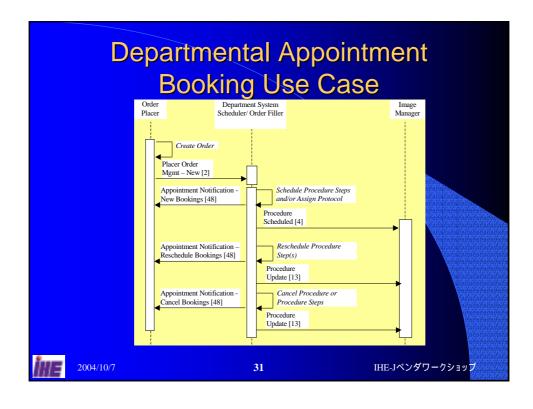
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NEW SWF Options

- Departmental Appointment Notification
 - Gives the Department System Scheduler an option to notify Order Placer of date and time of scheduled examinations.
- Instance Availability Notification
 - Gives the Image Manager an option to notify Order Filler and other workflow management actors of availability status of evidence objects.





SIU Message Structure

SIU^S12, SIU^S13, SIU^S15	Schedule Information Unsolicited	Chapter in HL7 V2.4/2.5
MSH	Message Header	2
SCH	Schedule Activity Information	10
{ RGS	Resource Group Segment	10
{ AIS	Appt Information – Service	10
[{NTE}]	Notes and Comments	2
}		
}		

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Instance Availability Notification Option

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Use Cases

- This option only addresses the use case when MPPS referencing evidence objects has been received by Image Manager.
- Image Manager generates Instance Availability Notification upon receiving of all objects referenced in particular MPPS.
- Cross-referencing of MPPS in IAN may compensate for MPPS missed by OF



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