

# PHILIPS

## Post-Processing and Reporting Workflow

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September 26, 2005

# Content

- Purpose and Abilities
- Workflow Overviews
- DICOM Protocols
- Examples

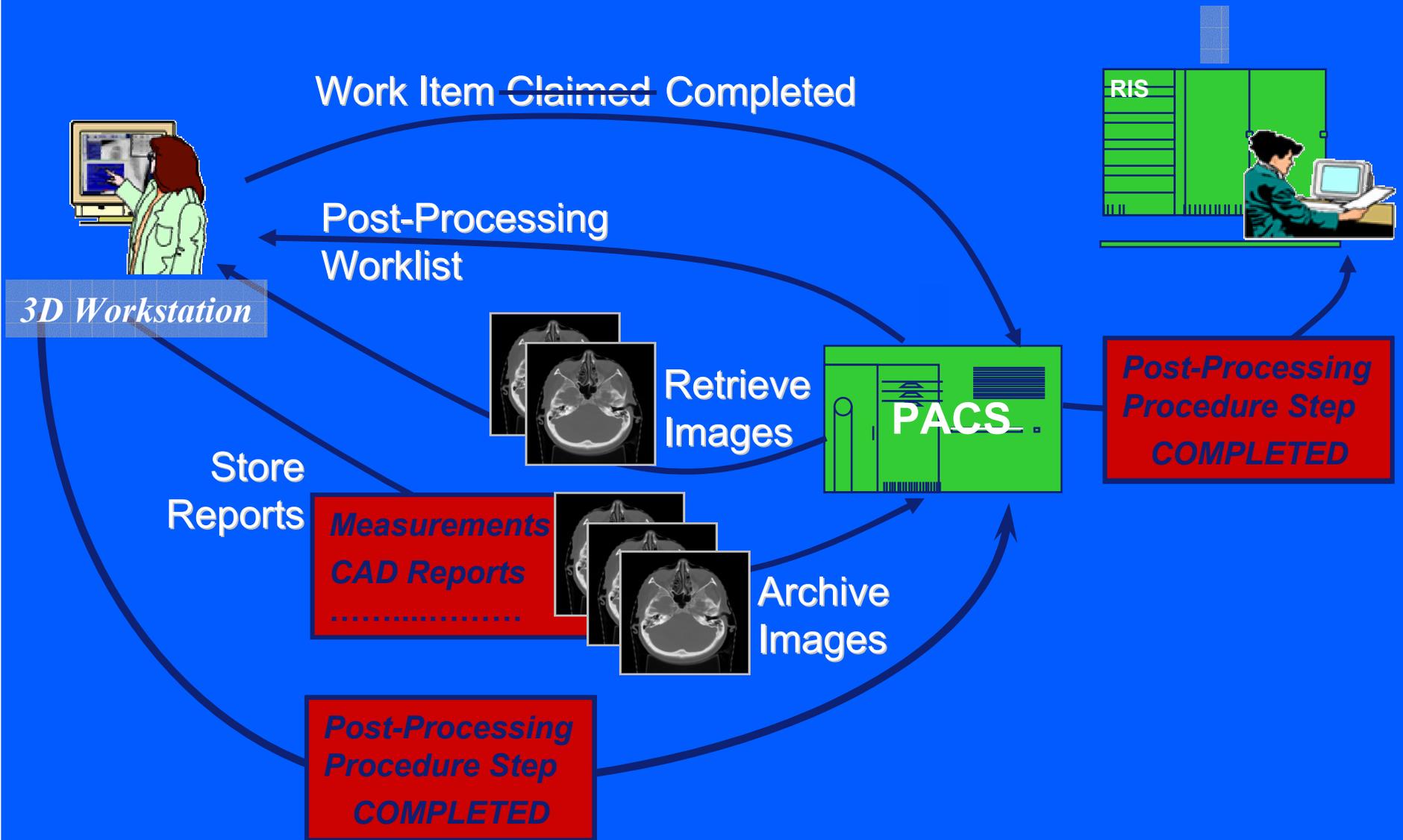
# Purpose

- Support of Post-Processing and Reporting in an integrated environment
  - Image Processing and Reconstruction
  - Computer Aided Detection
  - Interpretation, Dictation, Transcription and Verification of Report
  - Review and Comparison of Reports

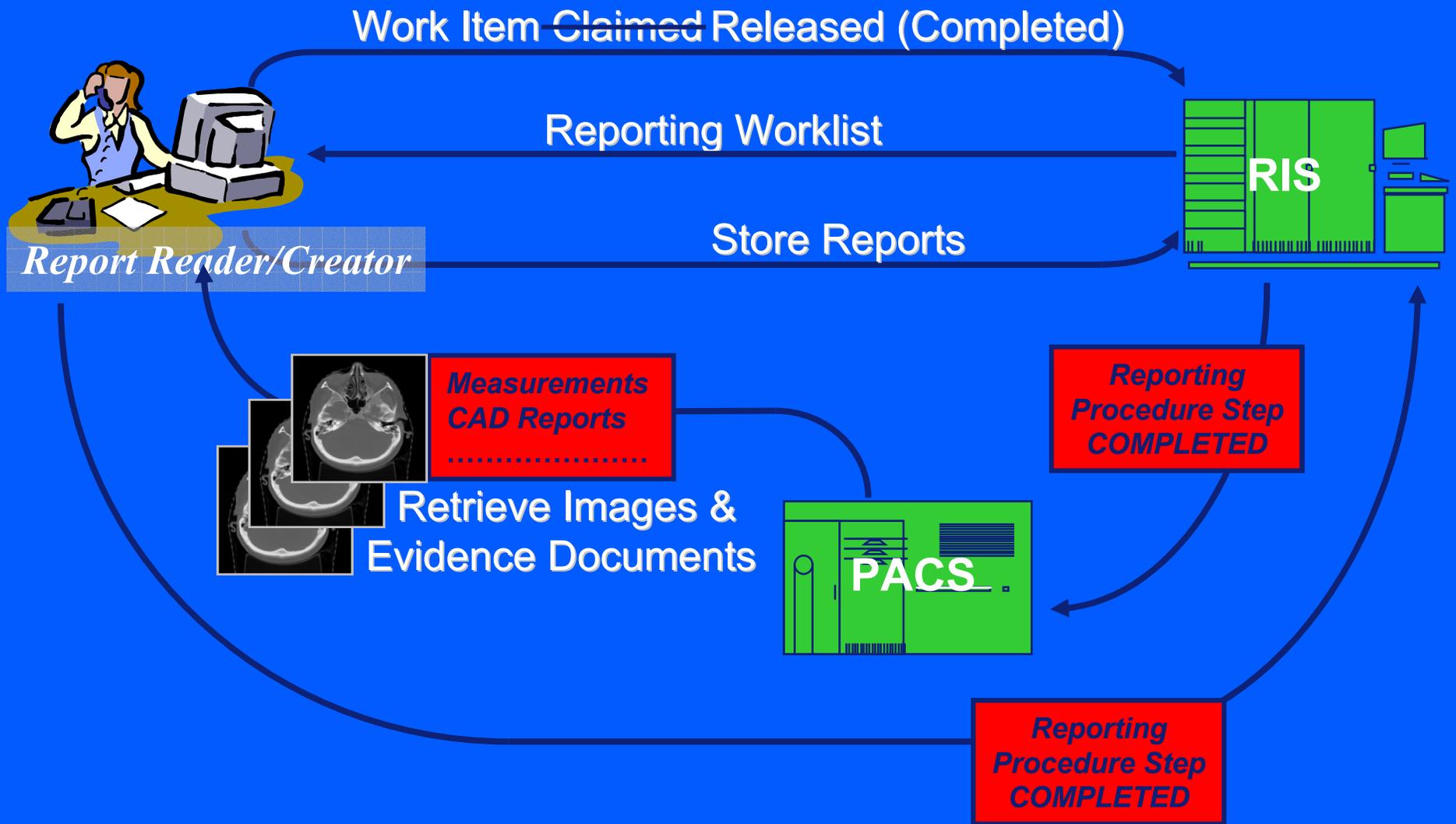
# Abilities

- To schedule and keep track of progress of Post-Processing and Reporting activities
  - Provide Worklists with General Purpose Worklist Management
  - Update status with General Purpose Performed Procedure Management
- Both are a super set of the Modality Worklist and Performed Procedure Management

# Post-Processing Workflow Overview



# Reporting Workflow Overview



# Query for Workitems



- General Purpose Worklist SOP Class
- Examples of query cases:
  - Patient Oriented Query: Worklist for a specific patient / procedure
  - Station Oriented Query: Broad Worklist for a particular workstation
  - Class Oriented Query: Broad Worklist for a class of workstations (e.g. workstations for CT 3D Reconstructions)
- Worklist provided with workitems codes, e.g., image processing or computer aided detection

# Workitem Selected and Claimed



- General Purpose Scheduled Procedure SOP Class
- Workstation takes ownership of workitem to prevent simultaneous processing of data

# Create Performed Procedure Step



- General Purpose Procedure Step SOP Class
- Notification to RIS that workitem is in progress

# Create Performed Procedure Step



- General Purpose Procedure Step SOP Class
- Notification to RIS that workitem is in completed
- Report results, material used, etc.

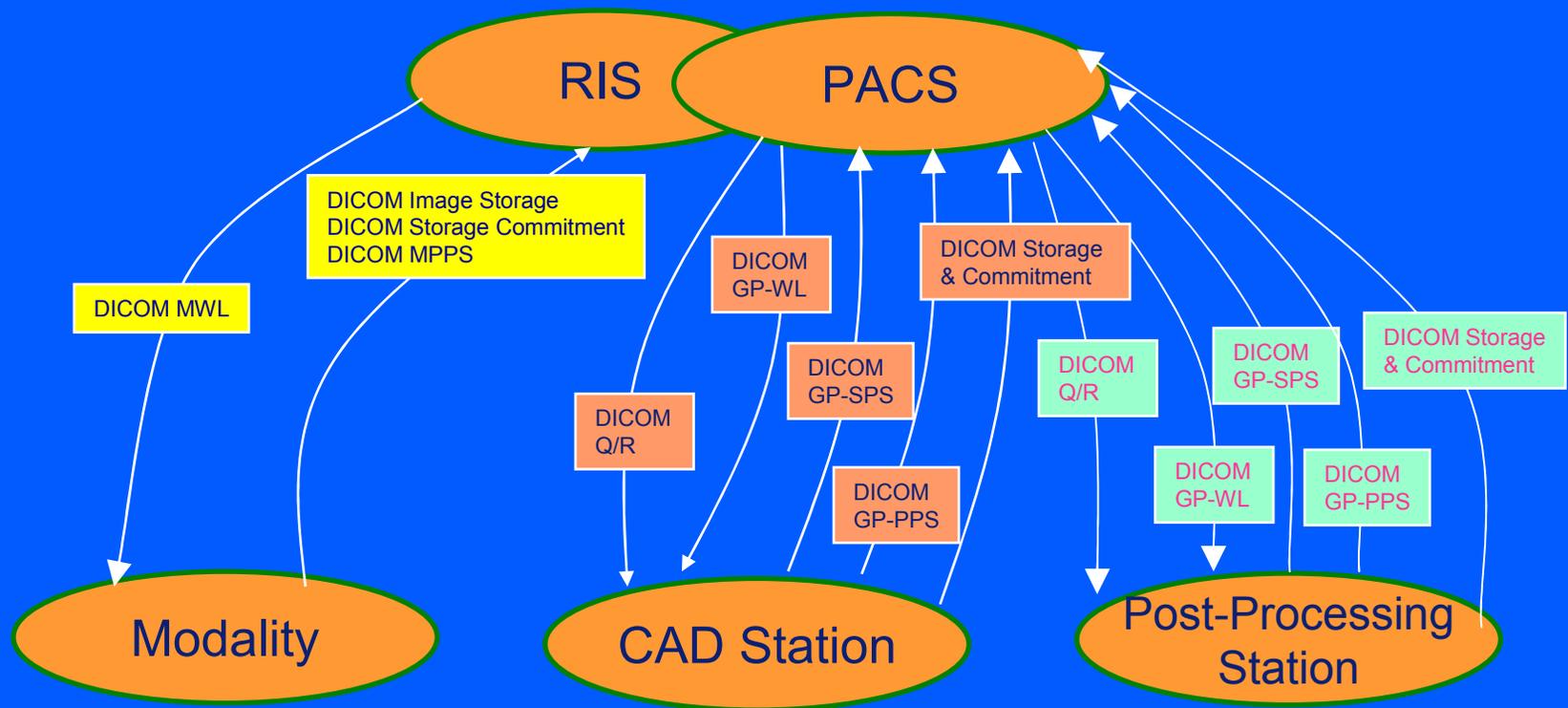
# Workitem Completed



- General Purpose Scheduled Procedure SOP Class
- Workstation report finalizing the workitem

# Wrap Up

## Post-Processing Workflow (Multiple Steps) with Post-Processing Manager grouped with Image Manager

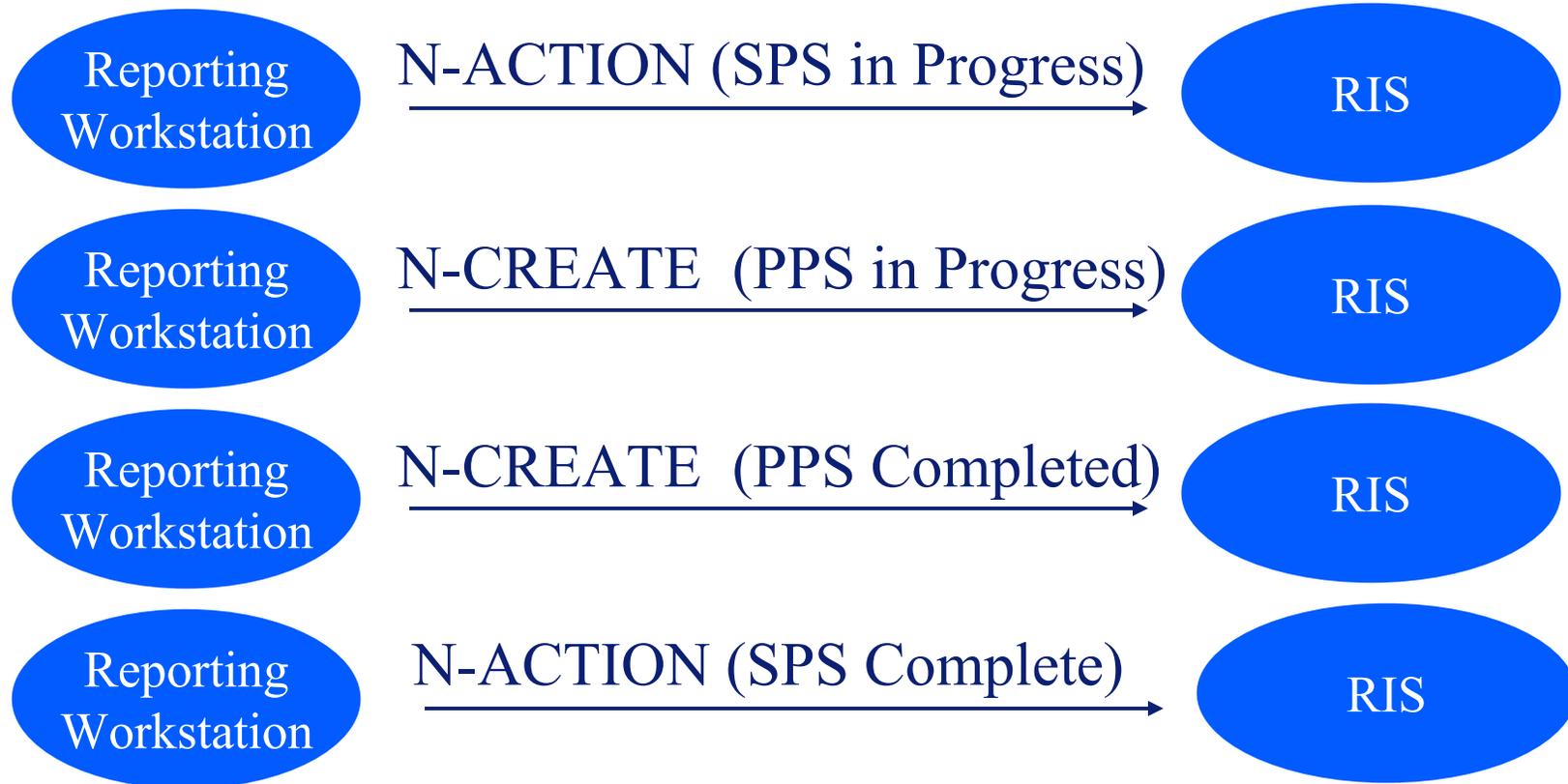


# Query for Reportitems



- General Purpose Worklist SOP Class
- Examples of query cases:
  - Patient Oriented Query: Worklist for a specific patient / procedure
  - User Oriented Query: Worklist for a particular user
- Worklist provided with workitems codes for:
  - Interpretation
  - Transaction
  - Verification

# Same Messages as with Post Processing



# Workflow Example

