K.2.2.1.1 Matching Key Attributes

The Matching Key Attributes are Keys, which select worklist items to be included in a requested Worklist.

K.2.2.1.1.1 Required Matching Key Attributes

An SCP of one of the SOP Classes of the Basic Worklist Management SCP service class shall support matching based on values of all Required Matching Key Attributes of the C-FIND request. Multiple entities may match a given value for a Required Key.

If an SCP manages an entity with an unknown Attribute Value (i.e., zero length), the unknown value shall fail to match any Matching Key value.

Note

1. Even though there is no means to perform matching on such entities, they may be queried as a Return Key Attribute using a C-FIND request with a zero length value (Universal Match) or by a single wildcard (Wild Card Match).

2. An SCU may choose to supply any subset of Required Matching Key Attributes.

K.2.2.1.1.2 Optional Matching Key Attributes

In the Worklist Information Model, a set of Attributes may be defined as Optional Matching Key Attributes. Optional Matching Key Attributes contained in the Identifier of a C-FIND request may induce two different types of behavior depending on support for matching by the SCP. If the SCP

• does not support matching on the Optional Matching Key Attribute, then the Optional Matching Key Attribute shall be ignored for matching but shall be processed in the same manner as a Return Key Attribute.

• supports matching of the Optional Matching Key Attribute, then the Optional Matching Key Attribute shall be processed in the same manner as a Required Matching Key.
Note

1. The Conformance Statement of the SCP lists the Optional Matching Key Attributes that are supported for matching.

2. An SCU can-not expect the SCP to support a match on an Optional Matching Key.