

# INTERNATIONAL STANDARD

ISO  
19445

Second edition  
2022-06

---

---

## Graphic technology — Metadata for graphic arts workflow — XMP metadata for image and document proofing

*Technologie graphique — Métagdonnées pour le flux de travail des  
arts graphiques — Métagdonnées XMP pour la relecture de document  
et d'image*

STANDARDSISO.COM : Click to view the full PDF of ISO 19445:2022



Reference number  
ISO 19445:2022(E)

© ISO 2022

STANDARDSISO.COM : Click to view the full PDF of ISO 19445:2022



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

## Contents

	Page
<b>Foreword</b>	<b>iv</b>
<b>Introduction</b>	<b>v</b>
<b>1 Scope</b>	<b>1</b>
<b>2 Normative references</b>	<b>1</b>
<b>3 Terms, definitions and abbreviated terms</b>	<b>1</b>
3.1 Terms and definitions	1
3.2 Abbreviated terms	2
<b>4 Requirements</b>	<b>2</b>
4.1 General	2
4.2 Namespace	2
4.3 XMP packet structure	2
4.4 ImageApprovals property	2
4.5 ProofingApprovals property	3
4.6 ProofPrinter record	4
4.7 ProofingDevice record	5
<b>5 Soft-Proofing PDF specifications</b>	<b>6</b>
5.1 Encoding PDF/X output conditions	6
5.2 Using digital signatures	6
<b>Annex A (informative) XMP examples</b>	<b>7</b>
<b>Bibliography</b>	<b>10</b>

STANDARDSISO.COM : Click to view the full PDF of ISO 19445:2022

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 130, *Graphic technology*.

This second edition cancels and replaces the first edition (ISO 19445:2016), of which it constitutes a minor revision. The changes are as follows:

- the references in [Clause 2](#) and the Bibliography have been updated.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

This document describes a set of metadata that can be used to communicate the approval status for images or documents that are used for Graphic Arts print production workflow.

It is based on the soft-proofing ticket defined by the Ghent PDF Workgroup which uses XMP. This specification includes the specification of the Ghent PDF Workgroup soft-proofing ticket and extends it to include metadata required for the image preparation stage of the workflow.

The intent of this metadata is to track who has approved the image or document, how the proof was prepared, and what the viewing conditions were during the approval. To achieve this, the approver is identified along with the document output conditions, the software used for the approval and details of the device configuration.

STANDARDSISO.COM : Click to view the full PDF of ISO 19445:2022

STANDARDSISO.COM : Click to view the full PDF of ISO 19445:2022

# Graphic technology — Metadata for graphic arts workflow — XMP metadata for image and document proofing

## 1 Scope

This document specifies the set of metadata to be used to communicate the approval status, proof preparation and viewing parameters for images and documents that are used in the graphic arts print production workflow.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 15076-1, *Image technology colour management — Architecture, profile format and data structure — Part 1: Based on ICC.1:2010*

ISO 16684-1, *Graphic technology — Extensible metadata platform (XMP) — Part 1: Data model, serialization and core properties*

ISO 32000-1, *Document management — Portable document format — Part 1: PDF 1.7*

## 3 Terms, definitions and abbreviated terms

### 3.1 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

#### 3.1.1

##### **ICC CMYK Characterization Data Registry**

central registry for CMYK print characterisation data maintained by the ICC

#### 3.1.2

##### **ICC Profile**

set of colorimetric transforms prepared according to ICC.1 or ISO 15076-1

#### 3.1.3

##### **PDF/X**

file format for reliable exchange of print-ready data defined in ISO 15930

#### 3.1.4

##### **XMP**

##### **Extensible Metadata Platform**

standard format for the creation, processing, and interchange of metadata as defined by ISO 16684-1

## 3.2 Abbreviated terms

GWG	Ghent PDF Workgroup (see <a href="http://www.gwg.org">www.gwg.org</a> )
ICC	International Color Consortium (see <a href="http://www.color.org">www.color.org</a> )
URI	Uniform Resource Identifier (defined in IETF RFC 3986)

## 4 Requirements

### 4.1 General

XMP shall be used to store information about the image and document preparation and approval and shall conform to the requirements of ISO 16684-1 and additional requirements as defined by this document.

This metadata shall be added, as described in ISO 16684-1, as an XMP packet to the image or document to which it refers.

### 4.2 Namespace

The namespace URI for XMP properties and fields defined in this document shall be <http://gwg.org/spt/xmlns/>.

The preferred namespace prefix is **spt**.

### 4.3 XMP packet structure

An XMP packet conforming to this document shall include either the **ImageApprovals** property or the **ProofingApprovals** property but not both. An XMP packet conforming to this document may contain other XMP properties.

### 4.4 ImageApprovals property

The **ImageApprovals** property shall be a non-empty ordered array of **ImageApproval** records as specified in [Table 1](#).

The **ImageApprovals** record shall contain entries for all fields marked as *Required* and where appropriate should contain entries for those fields marked as *Optional*.

**NOTE** There is currently no defined purpose to the **ImageApprovals** order. An ordered array is used for compatibility with earlier GWG specifications.

The fields of the **ImageApproval** record are shown in [Table 1](#).

**Table 1 — ImageApproval record**

Name	Type	Field content
PrintingConditionIdentifier	open Choice of Text	<i>Required.</i> The Reference Name for the printing condition that was used when the image was approved. This is an open choice - preferred options are those indicated in the ICC CMYK Characterization Data Registry (see <a href="http://www.color.org">www.color.org</a> ).
PrintingConditionDescription	Text	<i>Required.</i> A non-empty human readable string that describes the printing condition.

**Table 1 (continued)**

Name	Type	Field content
PrintingConditionProfileID	Text	<p><i>Required.</i> The ICC Profile ID of the printing condition profile used when the image was approved. Note that if the ICC Profile ID was not set (i.e. is zero) the profile ID shall be calculated as described in ISO 15076 (ICC profile format specification).</p> <p>The 16 byte ICC profile ID shall be expressed as a hexadecimal text string with dash separators between every 8 characters (4 bytes) making a total string length of 35 characters.</p>
RenderingIntent	closed Choice of Text	<p><i>Required.</i> The rendering intent used when approving the image; closed choice of <i>AbsoluteColorimetric</i>, <i>RelativeColorimetric</i>, <i>Perceptual</i> or <i>Saturation</i>.</p> <p>NOTE If using BlackPoint Compensation as defined in ISO 18619, then <i>RenderingIntent</i> cannot be <i>AbsoluteColorimetric</i>.</p>
BlackPointCompensation	Boolean	<p><i>Required.</i> Indicates whether BlackPoint Compensation was used when the image was approved. BlackPoint Compensation should be performed as described in ISO 18619.</p>
ApproverName	ProperName	<i>Required.</i> A human readable name.
ApprovalDevice	closed Choice of Text	<i>Required.</i> Closed choice of <i>Monitor</i> or <i>Printer</i> .
ApprovalStatus	closed Choice of Text	<i>Required.</i> The status of approval; closed choice of <i>Approved</i> or <i>Rejected</i> .
ApprovalDate	Date	<i>Required.</i> The date and time of approval.
ProofPrinters	ordered array of ProofPrinter records	<i>Required when hard copy proofing is performed.</i> One or more ProofPrinter records defined in <a href="#">4.6</a> describing the hard copy proof
ProofingDevices	ordered array of ProofingDevice records	<i>Required when soft proofing is performed.</i> One or more ProofingDevice records defined in <a href="#">4.7</a> describing the proofing device(s)

#### 4.5 ProofingApprovals property

The *ProofingApprovals* property shall be a non-empty ordered array of *ProofingApproval* records as specified in [Table 2](#).

The *ProofingApprovals* record shall contain entries for all fields marked as *Required* and where appropriate should contain entries for those fields marked as *Optional*. When writing the *ProofingApprovals* record entries for those fields indicated as *Deprecated* should not be used – fields marked in this way indicate past usage and are provided in this document for information only.

**NOTE** There is currently no defined purpose to the *ProofingApprovals* order. An ordered array is used for compatibility with earlier GWG specifications.

The fields of the *ProofingApproval* record are shown in [Table 2](#).

**Table 2 — ProofingApproval record**

Name	Type	Field content
UsePDFXOutputCondition	Boolean	<i>Required.</i> A flag that indicates that the output conditions used for proofing are exactly the one found in the OutputIntent of PDF/X, TIFF or JPEG.
OldOutputConditionIdentifier	Text	<i>Deprecated.</i> A string identifying the intended output device or production condition in human- or machine-readable form that was formerly used in PDF/X.
OldDestOutputProfile	Text	<i>Deprecated.</i> The ICC Profile data converted to Base64 notation (according to section 6.8 of RFC 2045) defining the transformation from the PDF document's source colors to output device colorants that was formerly used in PDF/X.
UseSimulation	Boolean	<i>Deprecated.</i> A flag that indicates that the document was approved using a simulation profile.
SimulationConditionIdentifier	Text	<i>Deprecated (was Required if UseSimulation is True).</i> A string identifying the simulation profile.
SimulationProfile	Text	<i>Deprecated (was Required if UseSimulation is True).</i> An ICC profile used for simulation. The ICC Profile data converted to Base64 notation (according to section 6.8 of RFC 2045).
ProofingUserName	ProperName	<i>Optional.</i> A human readable name.
ProofingUserLogin	Text	<i>Required.</i> A (non-empty) user identification used by the user to connect on the proofing software. <sup>a</sup>
ProofingSoftwarePlatform	open Choice of Text	<i>Required.</i> A (non-empty) human readable identification of the OS of the platform on which the proofing was performed. This is an open choice whose values include <i>MacOS</i> , <i>Windows</i> and <i>Linux</i> .
ProofingSoftwareVendor	Text	<i>Required.</i> A (non-empty) human readable identification of the vendor company that made the proofing solution.
ProofingSoftwareMake	Text	<i>Required.</i> A (non-empty) human readable name describing the proofing solution used.
ProofingSoftwareVersion	Text	<i>Optional.</i> The version number of the solution used to proof the file.
ProofingApprovalStatus	closed Choice of Text	<i>Required.</i> The status of approval; closed choice of <i>Approved</i> or <i>Rejected</i> .
ProofingApprovalDate	Date	<i>Required.</i> The date and time of approval.
ProofingDevices	ordered array of ProofingDevice records	<i>Required if soft proofing is performed.</i> One or more ProofingDevice records defined in <a href="#">4.7</a> describing the proofing device(s)
ProofPrinters	ordered array of ProofPrinter records	<i>Required if hard copy proofing is performed.</i> One or more ProofPrinter records defined in <a href="#">4.6</a> describing the hard copy proof printer

<sup>a</sup> When hard copy proofs are used, this should identify the person responsible for reflecting the status of the proof in the electronic version of the proof.

## 4.6 ProofPrinter record

The use of the ProofPrinter record is optional. When used, the ProofPrinter record shall contain entries for all fields marked as *Required* in [Table 3](#) and where appropriate should contain entries for those fields marked as *Optional*.

The fields of the ProofPrinter record are shown in [Table 3](#).

**Table 3 — ProofPrinter record**

Name	Type	Field content
ProofingDeviceCalibrated	Boolean	<i>Required.</i> A flag that describes whether the output device was calibrated or not when the user approved the document.
ProofingDeviceCalibrationDate	Date	<i>Optional.</i> Date and Time when the proof printer was last calibrated.
PrintDate	Date	<i>Required.</i> Date and Time when the proof was printed.
ProofProfileID	Text	<i>Required.</i> The ID of the ICC profile of the proof printer used when making the proof. The 16 byte ICC profile ID shall be expressed as a hexadecimal text string with dash separators between every 8 characters (4 bytes) making the total string length 35 characters.
SoftwareName	Text	<i>Required.</i> A (non-empty) human readable identification of the proofing software used for proofing.
SoftwareVersion	Text	<i>Required.</i> The software version of the proofing software used (non-empty string).
ProofingDeviceName	Text	<i>Optional.</i> A human readable identification of the manufacturer of the device used for proofing. In case of soft-proofing, this is the identification of the monitor used.
ProofingDeviceSerialNumber	Text	<i>Optional.</i> The serial number of the device used.

#### 4.7 ProofingDevice record

The ProofingDevice record shall be used when approval is performed on a monitor.

NOTE While it is more meaningful to name this a DisplayDevice record, the name ProofingDevice record has been used to maintain backwards compatibility with the original GWG specification.

The fields of the ProofingDevice record are shown in [Table 4](#).

The ProofingDevice record shall contain entries for all fields marked as *Required* and where appropriate should contain entries for those fields marked as *Optional*.

**Table 4 — ProofingDevice record**

Name	Type	Field content
ProofingDeviceCalibrated	Boolean	<i>Required.</i> A flag that describes whether the output device was calibrated or not when the user approved the document.
ProofingDeviceCalibrationDate	Date	<i>Optional.</i> Date / Time when monitor was last calibrated.
ProofProfileID	Text	<i>Required.</i> The ID of the ICC profile of the output device used when making the proof. The 16 byte ICC profile ID shall be expressed as a hexadecimal text string with dash separators between every 8 characters (4 bytes) making the total string length 35 characters.
ProofingDeviceLuminance	Real	<i>Optional.</i> Measured value of the display's luminance (cd/m <sup>2</sup> ) after calibration.
ProofingDeviceColorTemperature	Real	<i>Optional.</i> Value of the display's color temperature (Kelvin) after calibration.
ProofingDeviceWhitePointX	Real	<i>Optional.</i> CIE_X chromaticity value of the device white point.
ProofingDeviceWhitePointY	Real	<i>Optional.</i> CIE_Y chromaticity value of the device white point
ProofingDeviceName	Text	<i>Optional.</i> A human readable identification of the manufacturer and model name of the device used for proofing. In case of soft-proofing, this is the identification of the monitor used.
ProofingDeviceSerialNumber	Text	<i>Optional.</i> The serial number of the device used.

## 5 Soft-Proofing PDF specifications

### 5.1 Encoding PDF/X output conditions

In order to conform with the existing PDF/X standard, the output conditions, as specified in ISO 15930 should match the condition in which a user has soft-proofed the file.

The reference printing conditions and ICC profile in the output intent of a PDF/X file should be modified, if necessary, to match the conditions used for approval. This is consistent with the requirements of ISO 15930 and is recommended by the GWG best practices.

Multiple approvals may be stored in the file provided they are all ProofingApprovals or all ImageApprovals. The PDF/X output conditions apply to the last approval made (the last entry in the ProofingApprovals array or the ImageApprovals array).

### 5.2 Using digital signatures

When approving PDF documents, in order to identify the person making the approval, the approver shall digitally sign the PDF as specified in ISO 32000-1.

## Annex A (informative)

### XMP examples

#### A.1 Example XMP for image preparation and approval

Example 1 shows the metadata used to record a single approval of an image on a single hard copy proof printer.

##### Example 1 Single approval, single proof printer

```

<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#">
  <rdf:Description rdf:about="" xmlns:spt="http://gwg.org/spt/xmlns/">
    <spt:ImageApprovals>
      <rdf:Seq>
        <rdf:li rdf:parseType="Resource">
          <spt:PrintingConditionIdentifier>FOGRA39</spt:PrintingConditionIdentifier>
          <spt:PrintingConditionDescription>Offset commercial and specialty printing
            according to ISO 12647-2, gloss or matte coated offset, 115 g/m2,
            screen frequency 60/cm</spt:PrintingConditionDescription>
          <spt:PrintingConditionProfileID>fcfc0110-14da-77bf-28e1a620-12edcfdb
            </spt:PrintingConditionProfileID>
          <spt:RenderingIntent>Perceptual</spt:RenderingIntent>
          <spt:BlackPointCompensation>True</spt:BlackPointCompensation>
          <spt:ApproverName>W Craig Revie</spt:ApproverName>
          <spt:ApprovalDevice>Printer</spt:ApprovalDevice>
          <spt:ApprovalStatus>Approved</spt:ApprovalStatus>
          <spt:ApprovalDate>2007-06-30T00:00:00Z</spt:ApprovalDate>
          <spt:ProofPrinter>
            <rdf:Seq>
              <rdf:li rdf:parseType="Resource">
                <spt:ProofingDeviceCalibrated>True</spt:ProofingDeviceCalibrated>
                <spt:ProofingDeviceCalibrationDate>2007-06-24T06:42:23Z
                  </spt:ProofingDeviceCalibrationDate>
                <spt:ProofProfileID>12345678-abcdefef-87654321-fefedcba
                  </spt:ProofProfileID>
                <spt:SoftwareName>Fujifilm XMF</spt:SoftwareName>
                <spt:SoftwareVersion>4.2</spt:SoftwareVersion>
              </rdf:li>
            </rdf:Seq>
          </spt:ProofPrinter>
        </rdf:li>
      </rdf:Seq>
    </spt:ImageApprovals>
  </rdf:Description>
</rdf:RDF>

```

#### A.2 Example XMP for PDF document proofing and approval

Example 2 shows the metadata used to record approval from two approvers. The first approval was made based on viewing on a single display and the second approval was made based on viewing on two displays.

##### Example2 Approval from two approvers

```

<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#">
  <rdf:Description rdf:about="" xmlns:spt="http://gwg.org/spt/xmlns/">
    <spt:ProofingApprovals>
      <rdf:Seq>
        <rdf:li rdf:parseType="Resource">
          <spt:UsePDFXOutputCondition>True</spt:UsePDFXOutputCondition>

```

<spt:ProofingUserName>Jeremy Long</spt:ProofingUserName>  
 <spt:ProofingUserLogin>jeremy.long</spt:ProofingUserLogin>  
 <spt:ProofingSoftwarePlatform>MacOS</spt:ProofingSoftwarePlatform>  
 <spt:ProofingSoftwareVendor>ICS</spt:ProofingSoftwareVendor>  
 <spt:ProofingSoftwareMake>Remote Director</spt:ProofingSoftwareMake>  
 <spt:ProofingSoftwareVersion>1.0</spt:ProofingSoftwareVersion>  
 <spt:ProofingApprovalStatus>Approved</spt:ProofingApprovalStatus>  
 <spt:ProofingApprovalDate>2007-06-30T00:00:00Z</spt:ProofingApprovalDate>  
 <spt:ProofingDevices>  
     <rdf:Seq>  
         <rdf:li rdf:type="Resource">  
             <spt:ProofingDeviceCalibrated>True</spt:ProofingDeviceCalibrated>  
             <spt:ProofingDeviceCalibrationDate>2007-06-24T06:42:23Z  
                 </spt:ProofingDeviceCalibrationDate>  
             <spt:ProofingDeviceLuminance>183</spt:ProofingDeviceLuminance>  
             <spt:ProofingDeviceColorTemperature>4997  
                 </spt:ProofingDeviceColorTemperature>  
             <spt:ProofingDeviceWhitePointX>0.9642  
                 </spt:ProofingDeviceWhitePointX>  
             <spt:ProofingDeviceWhitePointY>0.8249  
                 </spt:ProofingDeviceWhitePointY>  
             <spt:ProofingDeviceName>Apple Cinema Display 21"  
                 </spt:ProofingDeviceName>  
             <spt:ProofingDeviceSerialNumber>AB0484674BC  
                 </spt:ProofingDeviceSerialNumber>  
         </rdf:li>  
     </rdf:Seq>  
 </spt:ProofingDevices>  
</rdf:li>  
<rdf:li rdf:type="Resource">  
 <spt:UsePDFXOutputCondition>True</spt:UsePDFXOutputCondition>  
 <spt:ProofingUserName>Stephane Georges</spt:ProofingUserName>  
 <spt:ProofingUserLogin>stephaneg</spt:ProofingUserLogin>  
 <spt:ProofingSoftwarePlatform>MacOS</spt:ProofingSoftwarePlatform>  
 <spt:ProofingSoftwareVendor>Dalim Software</spt:ProofingSoftwareVendor>  
 <spt:ProofingSoftwareMake>DALIM Dialogue</spt:ProofingSoftwareMake>  
 <spt:ProofingSoftwareVersion>4.0</spt:ProofingSoftwareVersion>  
 <spt:ProofingApprovalStatus>Rejected</spt:ProofingApprovalStatus>  
 <spt:ProofingApprovalDate>2007-07-01T00:00:00Z</spt:ProofingApprovalDate>  
 <spt:ProofingDevices>  
     <rdf:Seq>  
         <rdf:li rdf:type="Resource">  
             <spt:ProofingDeviceCalibrated>True</spt:ProofingDeviceCalibrated>  
             <spt:ProofingDeviceCalibrationDate>2007-06-26T07:22:21Z  
                 </spt:ProofingDeviceCalibrationDate>  
             <spt:ProofingDeviceLuminance>161</spt:ProofingDeviceLuminance>  
             <spt:ProofingDeviceColorTemperature>5012  
                 </spt:ProofingDeviceColorTemperature>  
             <spt:ProofingDeviceWhitePointX>0.9640  
                 </spt:ProofingDeviceWhitePointX>  
             <spt:ProofingDeviceWhitePointY>0.8252  
                 </spt:ProofingDeviceWhitePointY>  
             <spt:ProofingDeviceName>EIZO CG210</spt:ProofingDeviceName>  
             <spt:ProofingDeviceSerialNumber>FF1323274CD  
                 </spt:ProofingDeviceSerialNumber>  
         </rdf:li>  
     </rdf:Seq>  
 </spt:ProofingDevices>  
</rdf:li>  
<rdf:li rdf:type="Resource">  
 <spt:ProofingDeviceCalibrated>True</spt:ProofingDeviceCalibrated>  
 <spt:ProofingDeviceCalibrationDate>2007-06-26T07:29:39Z  
     </spt:ProofingDeviceCalibrationDate>  
 <spt:ProofingDeviceLuminance>159</spt:ProofingDeviceLuminance>  
 <spt:ProofingDeviceColorTemperature>5008  
     </spt:ProofingDeviceColorTemperature>  
 <spt:ProofingDeviceWhitePointX>0.9640  
     </spt:ProofingDeviceWhitePointX>  
 <spt:ProofingDeviceWhitePointY>0.8252  
     </spt:ProofingDeviceWhitePointY>  
 <spt:ProofingDeviceName>EIZO CG210</spt:ProofingDeviceName>  
 <spt:ProofingDeviceSerialNumber>FF1327274CD  
     </spt:ProofingDeviceSerialNumber>  
</rdf:li>