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

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



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## 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>

## 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)).

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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).

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## 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.