

INTERNATIONAL  
STANDARD

ISO/IEC  
8632-1

Second edition  
1999-12-15

---

---

**Information technology — Computer  
graphics — Metafile for the storage and  
transfer of picture description  
information —**

**Part 1:  
Functional specification**

*Technologies de l'information — Infographie — Métafichier de stockage  
et de transfert des informations de description d'images —*

*Partie 1: Description fonctionnelle*

---

---

---

Reference number  
ISO/IEC 8632-1:1999(E)



© ISO/IEC 1999

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO/IEC 1999

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 734 10 79  
E-mail [copyright@iso.ch](mailto:copyright@iso.ch)  
Web [www.iso.ch](http://www.iso.ch)

Printed in Switzerland

## Contents

	Page
1 <b>Scope</b> .....	1
2 <b>Conformance</b> .....	1
3 <b>Normative references</b> .....	1
4 <b>Terms and definitions</b> .....	3
4.1 <b>Definitions</b> .....	3
5 <b>Symbols and abbreviated terms</b> .....	11
6 <b>Concepts</b> .....	12
6.1 <b>Introduction</b> .....	12
6.2 <b>Delimiter elements</b> .....	13
6.3 <b>Metafile descriptor elements</b> .....	13
6.3.1 <b>Identification</b> .....	14
6.3.2 <b>Functional capability</b> .....	14
6.3.3 <b>Default metafile state</b> .....	17
6.3.4 <b>Fonts and character sets</b> .....	17
6.3.5 <b>Picture directory</b> .....	22
6.4 <b>Picture descriptor elements</b> .....	22
6.4.1 <b>Scaling mode</b> .....	23
6.4.2 <b>Colour selection mode</b> .....	23
6.4.3 <b>Specification modes</b> .....	23
6.4.4 <b>VDC extent</b> .....	23
6.4.5 <b>CGM tailoring</b> .....	24
6.4.6 <b>Background colour</b> .....	26
6.4.7 <b>Device viewport control</b> .....	26
6.4.8 <b>Representations</b> .....	26
6.4.9 <b>Definable attributes</b> .....	27
6.4.10 <b>Application structure directory</b> .....	27
6.5 <b>Control elements</b> .....	27
6.5.1 <b>VDC space and range</b> .....	27