INTERNATIONAL STANDARD

ISO/IEC 24727-3

First edition
2008-12-01

AMENDMENT 1
2014-04-01

Identification cards — Integrated circuit card programming interfaces —

Part 3: Application interface

AMENDMENT 1

Cartes d'identification — Interfaces programmables de cartes à puce —

Partie 3: Interface d'application

AMENDEMENT 1

Reference number
ISO/IEC 24727-3:2008/Amd.1:2014(E)

© ISO/IEC 2014

COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2014

All rights reserved. Unless otherwise specified, 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
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword ..... **iv**

Annex D (normative) Web Services Interface Description **1**
D.1 Contents of Annex D **1**
D.2 Connection handling for web service based communication **1**
D.3 XML-based CardInfo-Structure for support of legacy cards **3**
D.4 Complete XML-Schema Definition (CardInfo.xsd) **27**

Annex E (informative) XML Binding for Selected Authentication Protocols **41**
E.1 PIN Compare **41**
E.2 Mutual authentication **51**
E.3 RSA Authentication **58**
E.4 XML binding for generic digital signature operation **66**
E.5 Modular Extended Access Control Protocol (M-EAC) **74**

Annex F (normative) XML Service Access Layer Interface **87**
F.1 XML-based Service Access Layer Interface **87**
F.2 XML-Schema definitions for Service Access Layer functions (ISO24727-3.xsd) **89**
F.3 WSDL definitions for Service Access Layer functions (ISO24727-3.wsdl) **115**
F.4 XML-Schema definitions for selected authentication protocols (ISO24727-Protocols.xsd) **139**
F.5 WSDL definitions for connection establishment (ISO24727-Protocols.wsdl) **164**

© ISO/IEC 2014 – All rights reserved