

Content

Editorial

- 1 **Passport: licence to fraud?**

Practical experience

- 3 **From policing to passport control**
The limitations of photo ID

State & legal

- 9 **UN Security Council Resolution 2178**
Implications for global border control arrangements

Innovation

- 13 **Attributes and credentials**
Two promising building blocks for electronic identity documents

Column

- 17 **Documented thoughts**

Practical experience

- 18 **US Biometric and identity intelligence programme**
Part 3: The electronic border and the biometric passport

General interest

- 22 **e-Passport authentication**
Using crowdsourced information to establish the authenticity of e-Passports

Innovation

- 28 **Voice recognition**
How speech can open doors

General Interest

- 32 **Designing identity documents**
Part 1: The science of security

Cases analysed

- 41 **A challenging step in the right direction**
Counterfeit detection by professional cash handlers
- 44 **Future events**

Colophon

Keesing Journal of Documents & Identity is a bimonthly English-language magazine that provides professional information to all parties active in the document security industry.

Advisory Board:
Tom Kinneging, John Mercer, Charles Stevens,
Peter Warner, Raymond Wong

Editorial Affiliate:
Sjef Broekhaar

Publishing Team:
Mike Krechting, publisher (m.krechting@keesingtechnologies.com)
Douwe Brongers, editor-in-chief (douwe@brongers.org)
Conny Kreinz, final editor (c.kreinz@keesingtechnologies.com)
Marlies Yedema, editor

Contributors to this issue:
Julian Ashbourn, A. Mike Burton, René Clerc, Ravi Das,
Ross Greenwood, Russ Middleton, Nick Nugent,
David J. Robertson, Klaus Schmech, Steffen Scholze,
Joshua Steinhauer, Yves Timmermans

Contributions:
The publisher welcomes contributions; please contact
Douwe Brongers (douwe@brongers.org). Planning of subsequent
regular issues: June 2015 (47) and October 2015 (48). Final dates
for delivering contributions: 1 April 2015 and 1 August 2015
respectively.

Design: Sander Mierdink (s.mierdink@keesingtechnologies.com)
Lay-out: Joy Eijkhoudt (j.eijkhoudt@keesingtechnologies.com)

Published by:
Keesing Reference Systems
Hogehilweg 17, 1101 CB Amsterdam-Zuidoost
The Netherlands (kjdi@keesingtechnologies.com)
tel.: +31207157800; fax: +31207157888
www.keesingtechnologies.com

Advertisements and sponsoring:
Stephen Troll
(s.troll@keesingtechnologies.com)
tel.: +31207157812
Advertising space is available from € 1950
For more information please download
the Media Pack at www.keesingjournal.com

Subscriptions and information:
info@keesingsystems.com
www.keesingjournal.com
tel.: +31207157800
Price: per year € 337; single copy € 60
Please be advised that subscriptions (i) are tacitly renewed
after one year and (ii) must be cancelled in writing, no later than
two months before the expiry/renewal date.

Disclaimer:
The publisher shall not be liable for inaccuracies in the text.
The views expressed are those of the authors. The articles are
not intended to be definitive and should not be relied upon as
a substitute for specialist advice.

ISSN: 1571-0564
Printed by Nefli, Haarlem, The Netherlands

© Keesing Reference Systems B.V.
All rights reserved. No part of this publication may be republished,
systematically reproduced or transmitted in any form or by any
means, including photocopying, recording, or by any information
storage or retrieval system, without permission in writing from
Keesing Reference Systems B.V., Amsterdam, The Netherlands.