


Combining Opto-Digital Technology for Smart Authentication and Traceability



Corinne Murcia Giudicelli
International Tax Stamp Association



INTERNATIONAL
TAX STAMP
ASSOCIATION

ITSA

16 Members



Our Mission

**Better
understanding
tax stamp
benefits**

**Promote high
professional
standards**

**Develop best
practice**

Active Role in Developing Tax Stamp Standard



ISO 19998

Requirements for the content, security, issuance and examination of excise tax stamps

Advocate Tax Stamps EU-Wide Level



Tax Stamps Are Coming of Age



Examples of Physical Stamps



Examples of Holographic Stamps



Modern Tax Stamps



Is the Future Digital?





Digital Alone is Not Enough

Digital Only Is Not Enough

- Serialised codes in themselves authenticate nothing
- Could be valid codes copied from genuine product onto a fake
- Unsuitable for high-risk situations
- Need augmenting with physical security features



Seal at High Security

A Security Seal

- To prove product originality
- Tamper evident by design
- Avoiding refilling and manipulations



Authenticate at High Security

At First Sight...Tailored to Customer Needs

- Optical solution
 - Eye-catching & appealing
 - Naked eye authentication
 - Security & simplicity
- Adapted to different environments
 - Multi layered architecture
 - Proven resistance to attacks
 - Regular update possibilities



Traceability

Track and Trace

- Easy integration into customer production process
 - A secure unique ID per label
 - Embedded product data
 - Allowing field statistics and market feedback
- A secure production
 - All produced holograms are registered
 - All sendings are registered into a secure data base
 - Strict quantity controls



Automated Authentication

Track and Trace

- Strong combination between high security optical and digital technologies
- Allowing wide and intuitive usage by controllers
- Totally based on proprietary technologies
- A simple and reliable solution to existing challenges



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SURYS

Membership

Talk to us about joining ITSA

Email info@tax-stamps.org

Or visit the members section of www.tax-stamps.org
for a membership form and more details

Thank You

For further information:
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