Combining Opto-Digital Technology for Smart Authentication and Traceability

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International Tax Stamp Association
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
MATERIAL + DIGITAL = HIGH SECURITY
Seal at High Security

• 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
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:
www.tax-stamps.org