



LIT: Global Leader in Anti-Counterfeiting & Traceability Solutions

Fighting illicit trade, securing official documents, and protecting trusted brands

LIT Tax Stamp Solution

Secure • Scalable • Proven Revenue Protection



Overview

LIT's high security **Tax Stamp Solution** is designed to help governments and tax authorities combat counterfeiting, prevent illicit trade, and ensure full compliance across excisable goods such as **tobacco, alcohol, sweetened beverages, pharmaceuticals, and more.**

Integration of advanced authentication technologies with secure printing and offline validation, allows quick verification of every stamp, **no internet connection needed.**

Why Tax Stamps Matter

Tax stamps are critical tools used to confirm that excise duties have been paid and that the product is genuine. Yet, **forgery, diversion, and tax evasion** result in high losses to government revenue authorities.

LIT addresses these challenges using **innovative materials and track and trace ready systems** that prevent duplication, allow field verification, and support scalable enforcement.

Key Features

Digital printing

Variable design from one stamp to another making each stamp unique.

QR Code and Unique Identification Code (UIC)

Multilayer encrypted QR code supporting track and trace from ordering to delivery.

Blockchain Security

Multiple visible and invisible features vary from stamp to stamp and are linked to each other and to the dynamic QR.

Secure Inks

Color-shift inks, invisible UV fluorescent inks, IR inks, spot colors and more.

Instant Field Authentication

Smart customized mobile application allows fast verification of the stamps also in off-line mode.

Secure Cuts

Secure cuts that prevent removing the stamp in one piece and reusing it.

AI Ready Track & Trace (Optional)

AI data analysis and built-in flexible reporting solution.



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Proven Results

-  **+30% Revenue Increase** in the first 12 months (Eastern European government)
-  **Forgery Eliminated** across multiple excisable product categories
-  **Zero IT Dependency** for authentication ideal for remote, offline enforcement environments

Deployment & Support

LIT provides a complete turnkey solution, including:

- Stamp design & production
- Security material supply
- Authentication tools (polarizers)
- Inspector training
- Optional system integration for analytics & reporting

Trusted by Governments. Proven in the Field.

With over **30 billion secured stamps delivered over the years**, LIT is a global leader in excise tax enforcement through smart labeling. Our solutions are recognized by international organizations and have been awarded for **Best Tax Stamp Program** and **Most Innovative Security Design**.

LIT Tax Stamps

The smart, secure, and scalable way to protect public revenue and defeat fraud.

Contact Details



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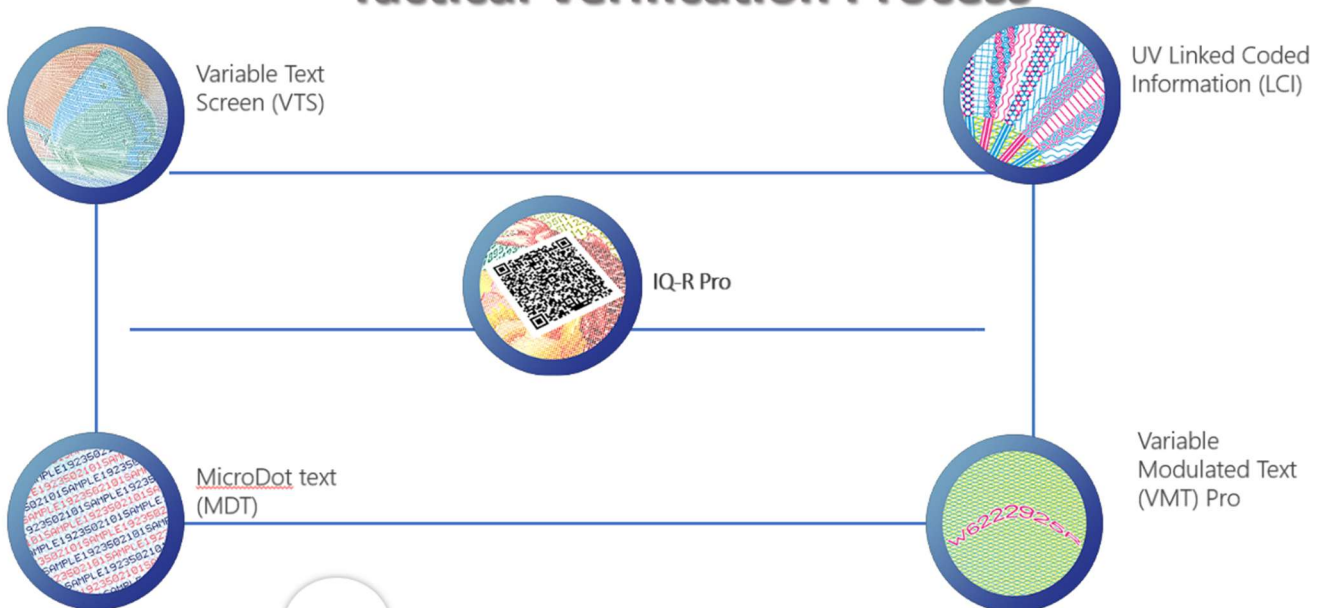
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Secure Excise Tax Stamp Features



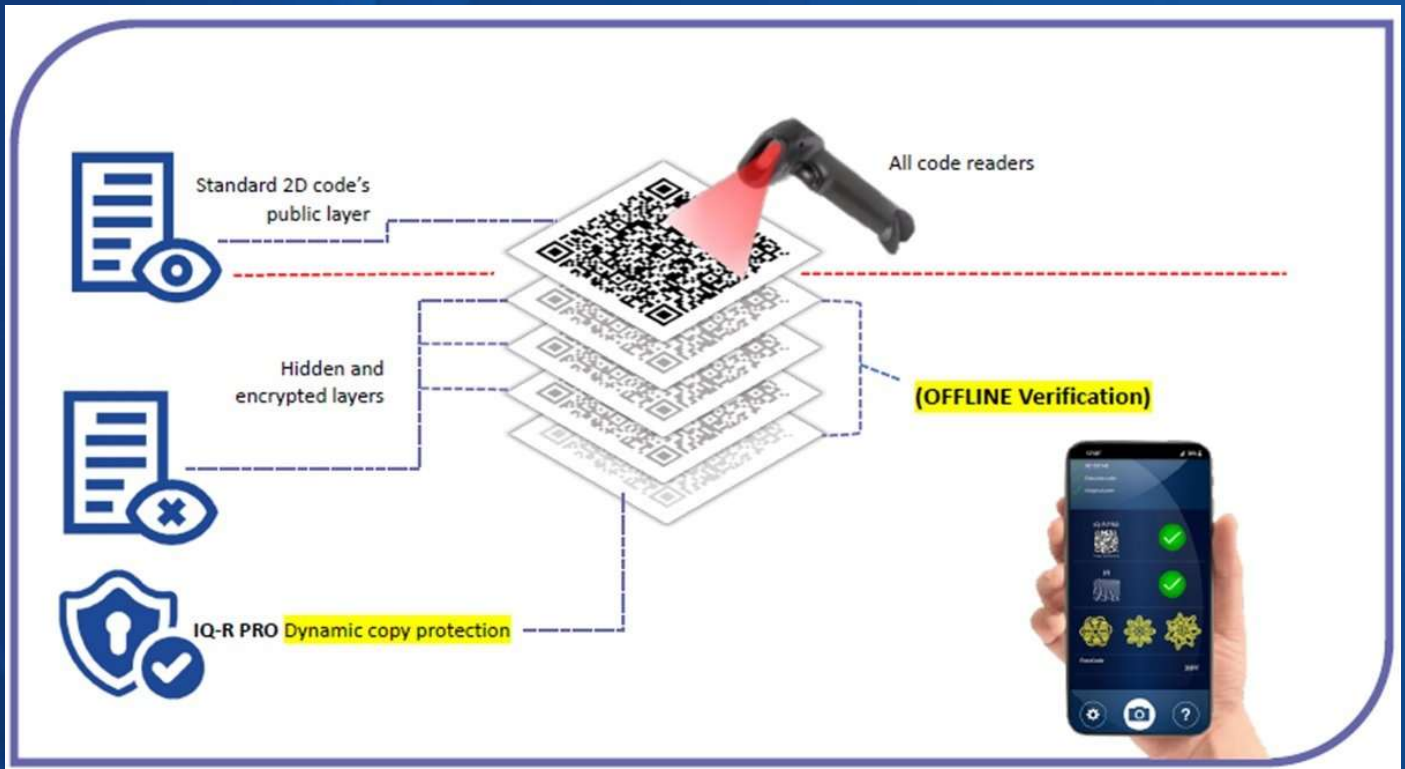
Tactical Verification Process



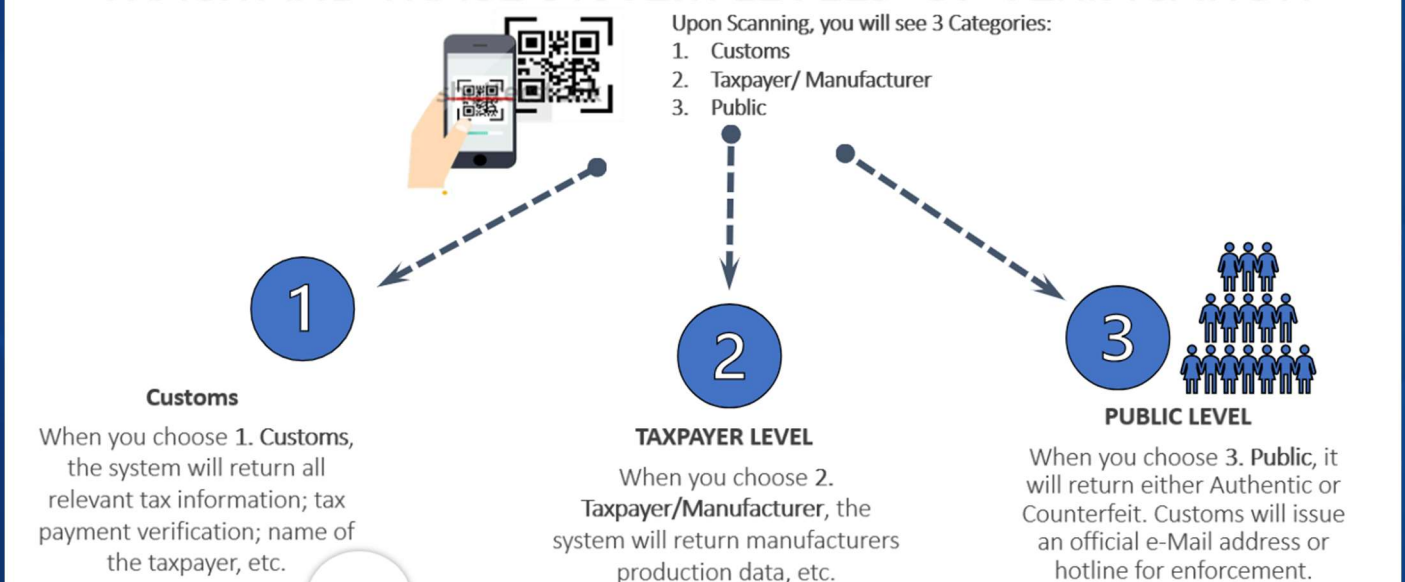


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TRACK AND TRACE SYSTEM LEVELS OF VERIFICATION





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Our approach

Leading digital print technology



Leading high security design algorithms



Leading tax stamp solution provider



*Creating a unique & **SECURE** excise management system, protected by hardware, which is turnkey, fully digital, and available exclusively to security printers*



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Solution Components (by LIT)

Registration Module

- ❑ Online paperless registration process
- ❑ Online details and documentation submission
- ❑ Approval and document verification process
- ❑ Email and SMS integrations

Order management

- ❑ Complete online ordering process
- ❑ Payment gateway integration
- ❑ Online/ offline payment methods
- ❑ Realtime transaction details
- ❑ Auto invoice generation

Manufacturer's product management

- ❑ Product details
- ❑ Pricing and tax management
- ❑ Dual pricing (local currency/ USD)
- ❑ Image support
- ❑ Activation-Deactivation

Stamp data management

- ❑ Auto generation of Multi-layered 2D code data
- ❑ Copy protected by JURA technology
- ❑ Online unique serialization
- ❑ Data upload for manufacturer
- ❑ Ready print (data)file for printing systems
- ❑ GS1 support

Supplier data management

- ❑ Part of supplier module
- ❑ Realtime update on Order Dispatch
- ❑ Order history
- ❑ Auto invoicing to Authority/ taxpayer

Mobile Applications

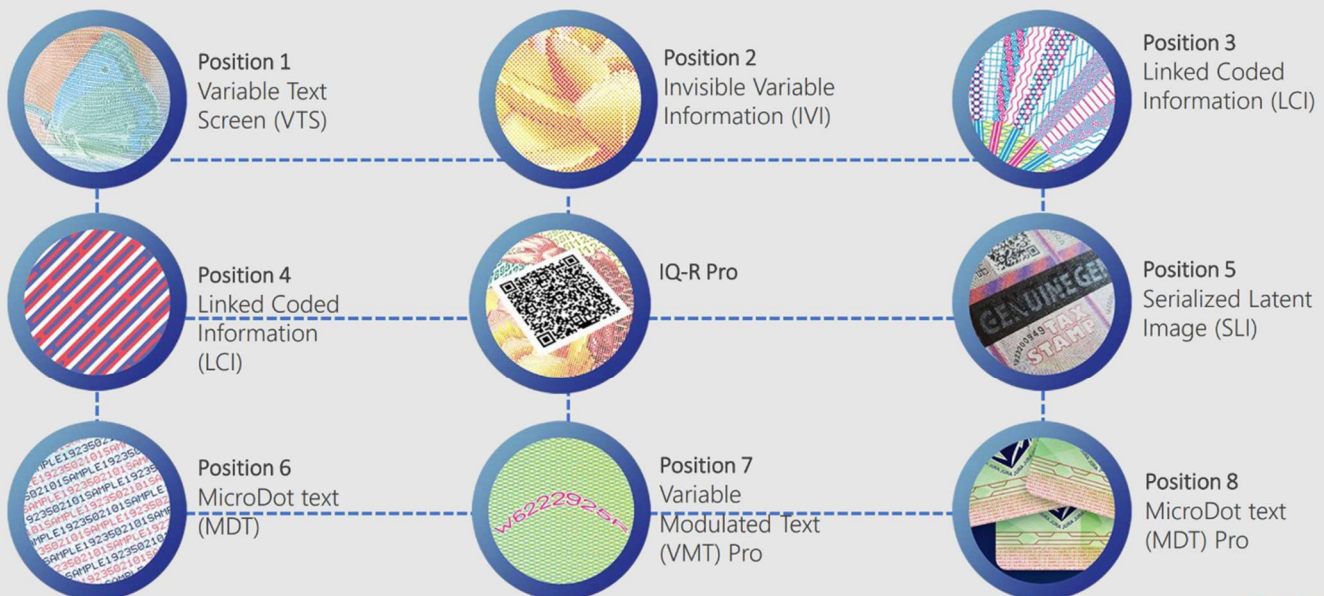
- ❑ Android and IOS version
- ❑ Customized apps with logo and branding
- ❑ Online and offline verification
- ❑ Genuine or fake alert with timestamp, Product details display, Consumer feedback form/ fake report page

Blockchain based solution

- ❑ Track products and their journey
- ❑ Real-time data-mobile No./ location/ IP address
- ❑ Active/ de-active product unit , Feedback/ response end consumer
- ❑ Mobile apps for citizens and Authority, Audit-MIS reports



Digital Security Elements





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Smartphone Authenticated

Characteristics:

Smartphone authentication

Offline mode – No Signal

Linked Coded Information

Machine (mobile) authenticatable

- Graphic structure
- Image distortion
- Image colorization



HP Indigo 6k Secure Digital Press

A secure printing engine

Characteristics:

HP Indigo Secure Press with Jura Inside – unique process

Unique digital security elements and original producer mark

Encrypted end2end workflow & Secure composition

Limited access to press & job

Controlled production

- No reprinting, no change of copies
- Login to press & job access, job auto-delete

7 concurrent layers of security

Secure Inspection (optional and customized)

HP Indigo 6K SECURE Press

Only available to high security printers

