

tracesci.

Product Authentication
Supply Chain Transparency
Consumer Engagement
Track and Trace

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» **Combating illicit trade,
Securing revenues,
Protecting citizens**

Illicit trade stunts economic growth damages revenues and reputation, and risks the health and safety of consumers.

Fighting this epidemic requires:

- Effective product authentication.
- The controlled movement, tracking, and verification of genuine products from source to consumption.
- Enabling governments to collect the correct tax revenues and consumers to make safe purchases.

As global specialists in product authentication and traceability, **Tracesci** is the right partner to deliver a complete solution.



Track and Trace Solution

Who is affected?

- ☑ **Government**
Reduces government revenues due to tax evasion.
Stunts economic growth.
- ☑ **Manufacturers/Brands**
Reduces brand value and damages reputation.
Increases fraudulent claims and returns.
- ☑ **Consumers**
Damaging to health, unsafe products for use.
Leads to lack of consumer trust.
- ☑ **Cops/Inspectors**
Provides funding for major crimes and terrorism.
Growth of black and grey (diversion) markets.



How does tracesci address this?



**Product
Authentication**



**Multilevel
Aggregation**



**Supply Chain
Control**

Powered by
Block Chain



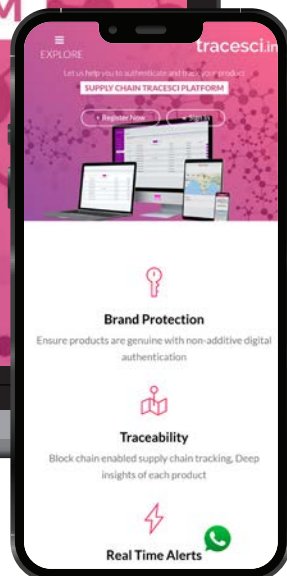
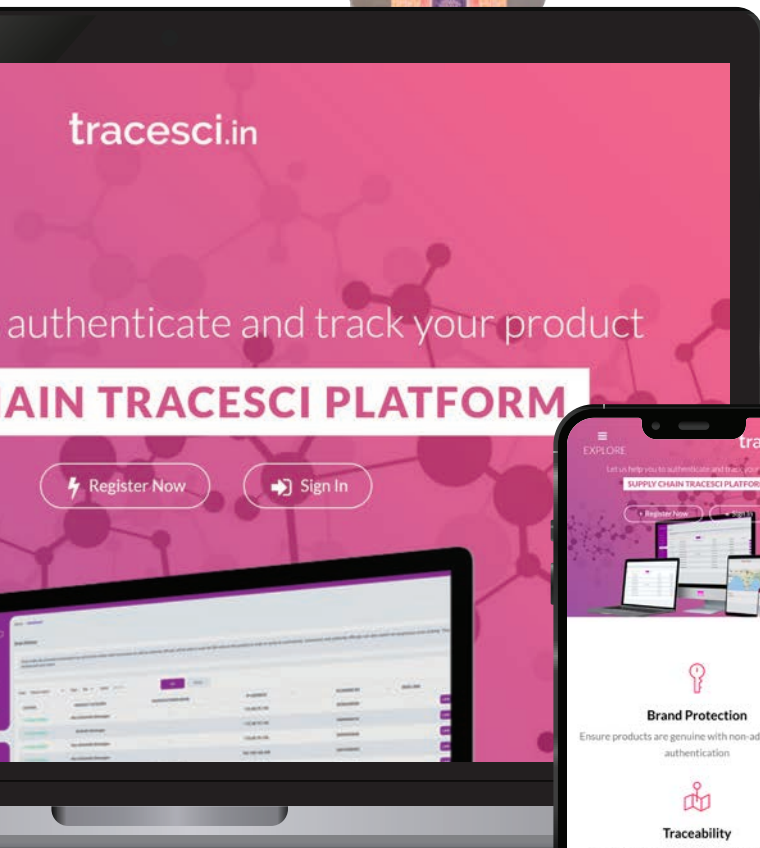
**Consumer
Engagement**

The report by the (ASPA) and CRISIL is based on an independent survey conducted with consumers and retailers, stats that Apparel (31%), FMCG (28%), and automotives (25%) are the top segments where consumers came across a counterfeit product, followed by pharmaceuticals (20%), consumer durables (17%), and agrochemicals (16%).

Source: ASPA-CRISIL 2023 report

Solution for various industries and all products.

Track every product. Trace every risk. Protect your brand.



One platform

- Centralized control and monitoring
- Product serialisation (UIC)
- Encrypted digital weblink generation
- Multilevel aggregation
- Real time alerts and fraud prevention
- Product journey
- Global compliance like GS1, 21CFR Part11

SaaS Based Cloud Solution

for Startups/Small/Midcap Organisations

- Pay per use
- Paperless manufacturer registration
- Product, batch, code management
- Powerful secured server
- Quick setup and continuous support

Enterprise Solution for Large/Government organisations

- Fully customized solution
- Hosting on local/cloud/dedicated server
- Audit trails, ERP integrations
- Mfg., brand/authority and printer modules
- Customised IOS/android apps

1. Scan code
2. Register
3. Experience



Production Systems

Print Verify Reject

Sheetfed Feeder, Conveyor

maxx

- > Suitable for sheet/flat cartons/pouches
- > Variable data printing : TIJ system (1/2", 1")
- > Online code verification/OCR with smart camera
- > Flap or push rejection with alarm
- > Speed: 40 mtr./min maximum



Watch
maxx
in
action

Web to Web System

loop

- > Suitable for small rolls
- > Variable data printing : TIJ system (1/2", 1")
- > Online code verification/OCR with smart camera
- > Alarm system
- > Speed: 35 mtr./min maximum



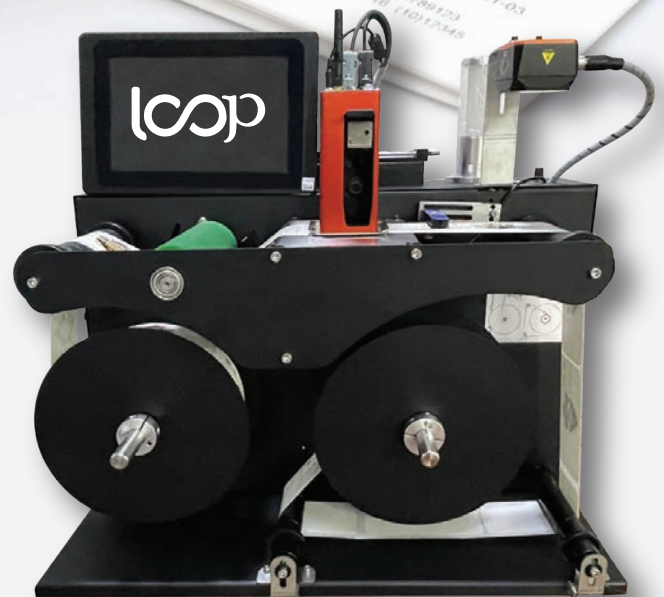
Watch
loop
in
action

Where every print counts, protection follows



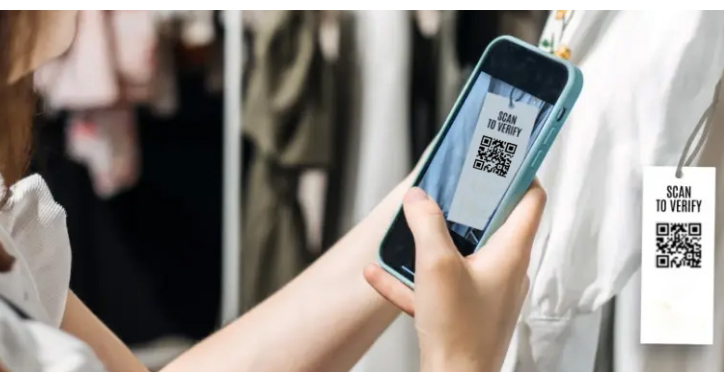
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(17) 161116 (10)12345

GTIN 01234567890128
LOT 1234A12
EXP 12 2022
SN 57920133590851



12345
2027-01-03
GTIN 0123456789123
(17) 161116 (10)12345

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Production Systems

High Speed UV Inkjet Systems

Razor6

UV Cured | Aqueous Inks

- > Industrial inkjet system
- > Variable data printing software
- > Online code verification
- > High speed PDF printing
- > Speed: Up to 150 mtr./min (depending on resolution)

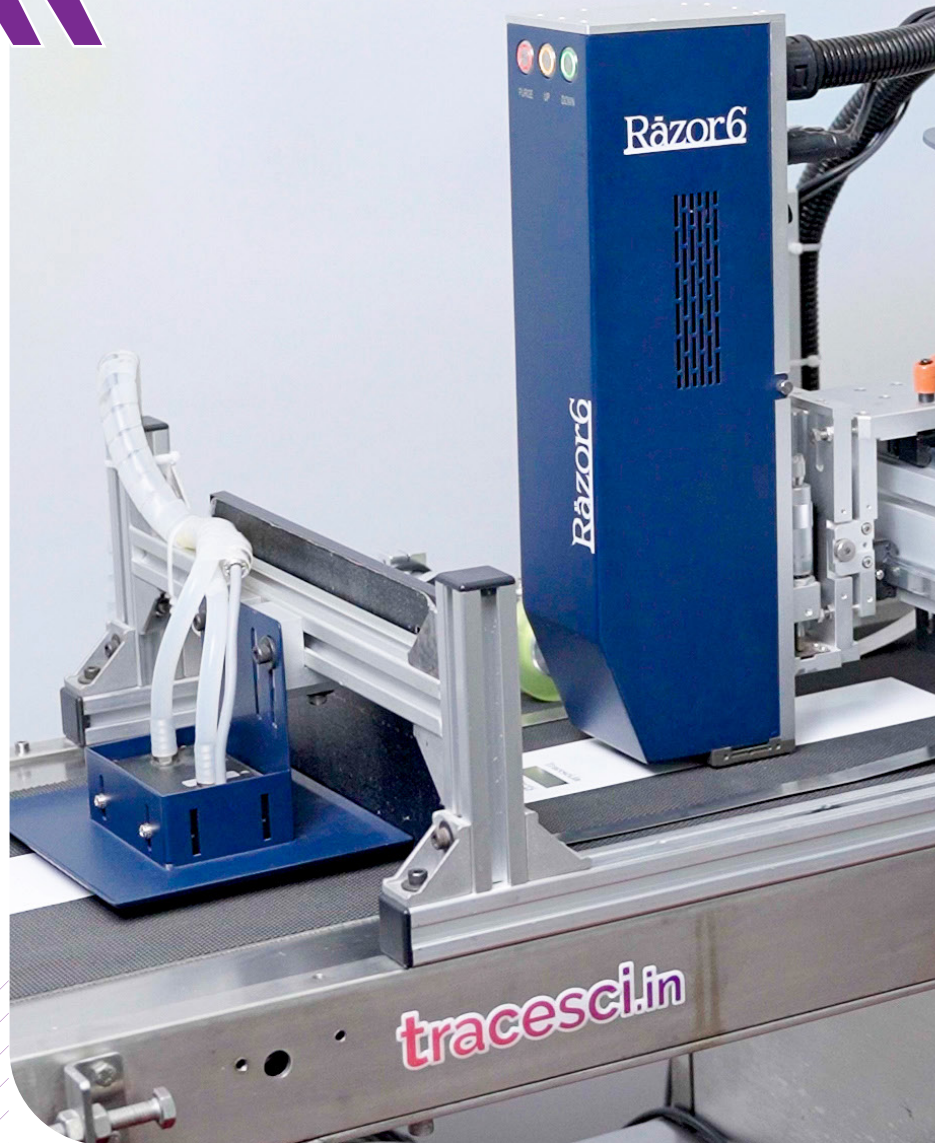
Designed to
excel in

24x7

production environments



Watch
Razor6
in
action



Technical Specifications

Print heads	Piezo DOD technology Industrial Printhead
Print Width	Multiple of 54.1 mm (2.1")
Resolution	600 x 600, 600x300 and more
Drop Volume	Binary mode: 5pl/Grey-scale mode: 5-15pl
Compatible inks	UV Curable, Aqueous
Ink Tank	0.5L/1 L
Color Options	Black, Spot, Security Inks
Substrates	Paper, Coated, Plastics, PVC, Cartons, Blister etc
VDP Software	Tracesci RapidPro Software
I/p Data	CSV, Text, Pdf, bmp, jpg, tiff, External data Source (Via IP and port)
Working Environment	20-28°C, Humidity 40-60%, Non Condensing
Electrical	110-240v AC50-60Hz, 10A for inkjet module
Ancillary Equipments at additional cost	Print head guarding, UV dryer, Web cleaner, Web guide, Anti-static bars, Sheet Feeder-Stacker, Reel to reel system, Corona treater, Inspection System, Numetic Rejection

Great things start
with a
hello!



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GS1 Codes
Serialisation
Marksheet
OMR Sheets
Garment Tags
Batch Coding
Invisible Data Printing
Envelope / Address Printing
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