CONTROL PRINT

CODE TRACX

IN THIS ISSUE

Counterfeit electronics can be a major problem in the industry, causing significant losses for manufacturers and putting consumers at risk. As per a report by the International Chamber of Commerce, the global trade of counterfeit products amounts to an estimated **$1 trillion** each year, with a significant share being attributed to electronics. This highlights the need for practical solutions to prevent counterfeiting in the electronics industry.
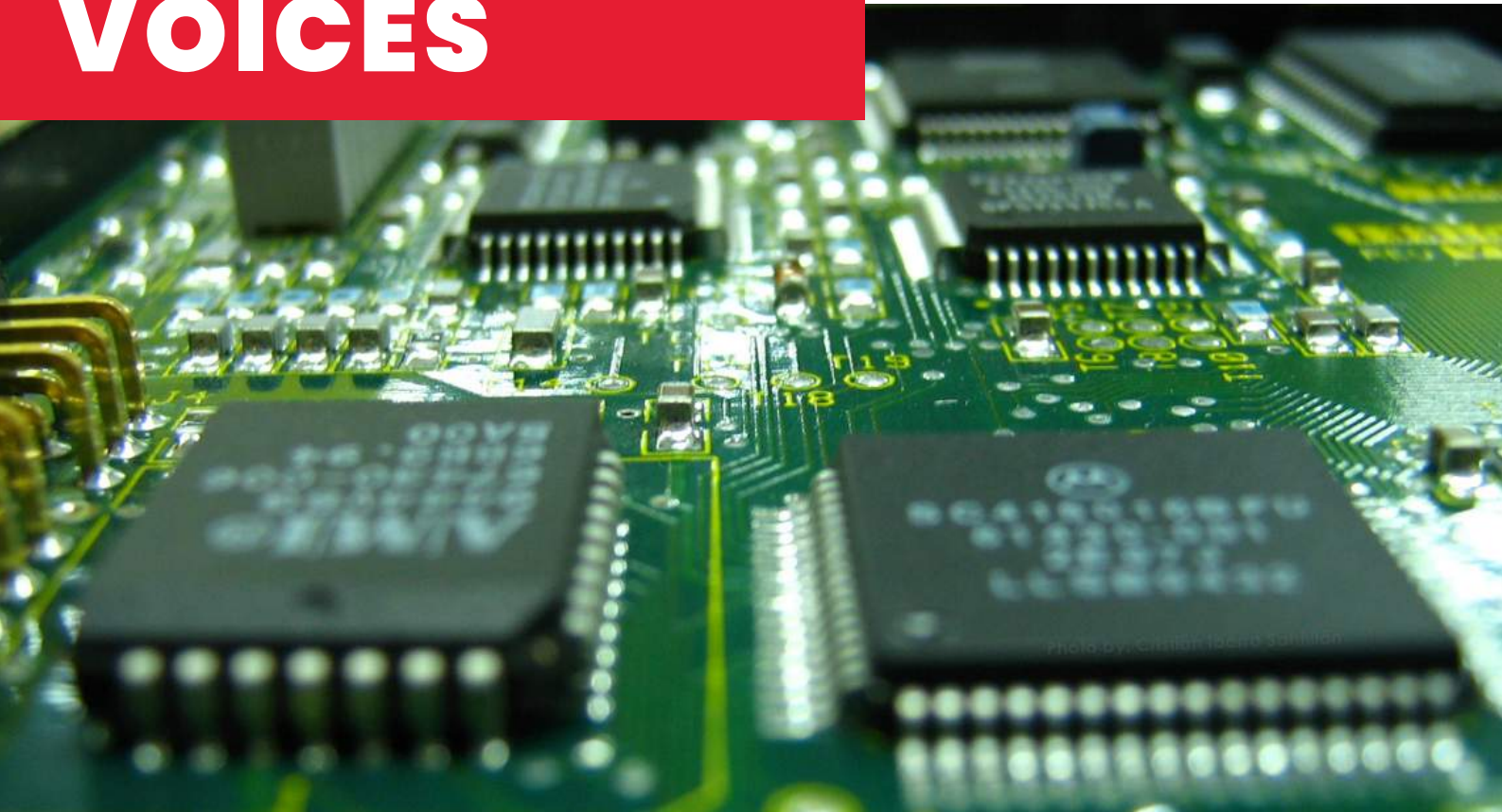
A critical solution to this problem is using coding and marking systems. Our industrial-grade printing solutions play a crucial role in preventing counterfeiting by providing a means to authenticate products and ensure their legitimacy.

Shiva Kabra
Joint Managing Director | Control Print Limited

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PROTECTING INDIA'S ELECTRONIC COMPONENT MANUFACTURERS WITH ANTI-COUNTERFEIT CODING AND MARKING TECHNOLOGY

Rajender Choudhary | Deputy Manager - Production | Control Print Limited

In the fast-paced and constantly evolving world of electronics manufacturing, it's crucial to ensure that products are properly labelled and tracked throughout the supply chain. This is where coding and marking technology comes in – an essential tool for marking and tracking products and components at every stage of the production process.

At its most basic level, coding and marking technology involves the use of printed codes, symbols, and other identifiers on products or their packaging. These codes serve as a crucial link between the product and its associated information, such as manufacturing date, serial number, and other critical details.

Whether you're a manufacturer or a supplier in the electronics industry, it's essential to understand the importance of coding and marking technology and how it can help improve production efficiency, enhance supply chain visibility, and ensure product safety and authenticity.

Marking technology such as laser engraving or inkjet printing can add unique codes or markings to products, enabling them to be traced throughout the supply chain.

This can help to prevent counterfeit products from entering the market and can aid in identifying the source of counterfeit items if they do appear.

In addition to adding unique codes or markings, some coding and marking systems can also include additional security features such as holograms or other tamper-evident measures. These advanced features can help further ensure the authenticity of products and make it more difficult for counterfeiters to reproduce them.

Another important aspect of coding and marking systems in counterfeit prevention is the ability to track and trace products. By marking each product with a unique identifier, manufacturers can track the product through the supply chain, from production to distribution to the point of sale. This can help to identify any gaps or vulnerabilities in the supply chain and can help to prevent the sale of counterfeit items.

Our coding and marking systems are critical in preventing counterfeiting in the electronics industry. By providing a means to authenticate products and ensure their legitimacy, these systems can help protect manufacturers and consumers.

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HOW CODING SYSTEMS BENEFIT ELECTRONIC PRODUCTS AND COMPONENT MANUFACTURERS

Ensuring traceability and compliance
Proper labelling of products and components with identifying information helps ensure traceability and compliance with industry regulations. This can help manufacturers avoid costly penalties and lawsuits.

Improving production efficiency and reducing waste
Coding and marking technology can help improve production efficiency by automating the marking process and reducing the likelihood of human error. It also helps reduce waste by ensuring that products are correctly labelled, and there are no mix-ups in the production process.

Enhancing product security and authenticity
Using high-quality codes and symbols can help ensure that products are authentic and have not been tampered with. This is particularly important in the electronics industry, where counterfeit products pose a significant safety risk.

LEARN MORE

TYPICAL APPLICATIONS OF CODING AND MARKING SYSTEMS IN THE ELECTRONICS INDUSTRY

Circuit boards
High-precision laser marking systems are often used to mark circuit boards with identifying information, such as serial numbers and manufacturing dates.

Electronic components
Inkjet printers and thermal transfer printers are often used to mark electronic components, such as resistors and capacitors, with identifying information.

Cables and wires
Labelling systems are often used to label cables and wires with identifying information, such as part numbers and lengths.

Packaging
Inkjet printers and thermal transfer printers are also commonly used to mark product packaging with identifying information, such as lot numbers, barcodes, and expiration dates.

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SHOWCASE

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HIGHLIGHTS

> **Control Print's coding and marking systems are ideal for printing on batteries, circuit boards, capacitors, wires, and other electronic components.**

Laser Printer

Modular laser with FIBER and CO2 technology. They are powerful and fast; thus, they are designed to meet the most demanding coding requirements.

FIBER Laser Printer

Modular laser specialized in coding quickly and more reliable

Extremely reliable coding at high speeds

Suitable for industries with strict hygiene standards

CO2 Laser Printer

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1 **COMPLETE RANGE OF LASERS**

Different substrates require different types of lasers. We offer extensive lenses and mounting options, including split-head and beam-turning units for integration into even the tightest spaces.

2 **TOUGH & DURABLE**

Our laser printers are IP-54 rated (with an IP65 option), making them dustproof and splash-resistant for standard industrial operating environments.

3 **HIGH-RESOLUTION MARKING**

Our SPA lasers have higher-quality lenses and a Vibration Compensation System (VCS) to ensure high-resolution marking on products on high-speed production lines.

4 **99.9% UPTIME**

With no ink to clog the print heads and only a few moving components, our laser printers deliver an industry-leading "99.9% uptime" – even at breakneck line speeds.

5 **SPECIAL RANGE OF INKS**

We manufacture unique alcohol-resistant inks suitable for printing on untreated plastic, aluminium and other difficult-to-adhere-substrates.

OSH INDIA SOUTH | CHENNAI

Your health and well-being matter and proper protective measures can make all the difference.

In high-risk work environments, such as factories, construction sites, or chemical plants, the air quality may pose significant risks to your respiratory system. Toxic fumes, harmful particles, and other pollutants can lead to severe health conditions and long-term complications.

Our surgical face masks and respirators are specifically designed to provide superior protection against airborne hazards. Unlike regular cloth masks, which do not offer sufficient filtration, medical-grade masks are engineered to effectively filter out harmful particles and airborne contaminants. They act as a powerful barrier, safeguarding your lungs and overall health.

By wearing a medical-grade face mask, you protect yourself and demonstrate a commitment to workplace safety. It's a collective effort to create a healthy and secure working environment for everyone. Let's prioritize safety together!

OCCUPATIONAL SAFETY & HEALTH

KEY INDUSTRIES:
- ☑ Healthcare
- ☑ Cement
- ☑ Textiles
- ☑ Food Processing
- ☑ Pharmaceuticals
- ☑ Agrochemicals
- ☑ Automobiles
- ☑ Tourism
- ☑ Minerals

India's top-quality surgical face masks and IS 9473-approved respirators that meet global standards

THEMASKLAB.IN

Remember, choosing the right type of mask for the hazards present in your workplace is crucial. Consult with your employer or safety representative to ensure you have access to appropriate respiratory protection. Fit testing and proper training are essential to ensure optimal mask performance and comfort.

Don't compromise on safety. Invest in your well-being and opt for our medical-grade face masks and respirators that meet global standards.

Breathe easily and work confidently, knowing you're taking every precaution to protect your precious lungs.

Stay Safe. Stay Protected.

The Mask Lab 😷 (A Control Print Limited Company)

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THE MASK LAB™

📅 JULY 5-6, 2023

📍 HALL - 2, STALL 2.114 CHENNAI TRADE CENTRE, CHENNAI.

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TECHNOLOGY

We're proud to be the only 'Make in India' manufacturer of coding & marking solutions since 1991.

- Continuous Inkjet Printer
- Thermal Inkjet Printer
- High Resolution Printer
- Thermal Transfer Overprinter
- Large Character Printer
- Laser Printer
- Hot Quick Coder
- Consumables
  - Inkjet Fluids
  - Ribbons
  - Ink Rolls

LEARN MORE

TOP CLIENTS

ashirvad | Glenmark | Colgate | Hindustan Unilever Limited | सेल SAIL | TATA STEEL

HP | Bharat Petroleum | IndianOil | Godrej Consumer Products Ltd. | Cipla Caring for life | ITC Limited

SUGUNA FOODS | CRYSTAL | KEI Wires & Cables | Pernod Ricard | POLYCAB | Reckitt Benckiser

BRITANNIA | JK TYRE & INDUSTRIES LTD. | WONDER CEMENT | Finolex Cables Limited | UNITED SPIRITS | Cadbury

emami | Greenply | JAIN Irrigation Systems Ltd. | PARLE | Dinshaw's | marico

ADITYA BIRLA HINDALCO | JINDAL STEEL & POWER | KiSAN | Jyothy labs | ANCHOR by Panasonic | ajanta pharma

BRANCHES

- Ahmedabad
- Bengaluru
- Chandigarh
- Chennai
- Delhi
- Guwahati
- Hyderabad
- Jamshedpur
- Kolkata
- Mumbai
- Nalagarh
- Pune

ABOUT US

Since 1991, Control Print has been India's leading manufacturer of permanent coding and tamper-proof marking systems. Our digitally-enabled printing solutions, application-specific inks, and wide range of consumables are engineered to meet branding, labelling, variable product information, traceability, quality assurance, counterfeit protection and packaging needs in every manufacturing industry.

We'll guide you through the entire process of selecting the ideal coding and marking solution for seamless integration with your existing manufacturing process and production lines. Let's talk.

CAPABILITIES

- 100,000+ sq. ft. mfg. facilities
- 15,000+ printers installed
- 2500+ pin codes served (India)
- 1600+ towns/cities (presence)
- 300+ professional field staff
- 32+ years of expertise

HEAD OFFICE

Control Print Limited
C-106, Hind Saurashtra Industrial Estate, Andheri-Kurla Road, Marol Naka, Andheri (E), Mumbai 400059.

EXPLORE INDIA'S #1 CODING & MARKING SYSTEMS

📞 +91 8097-466-782   ✉ marketing@controlprint.com   🌐 www.controlprint.com