

# Global Product Security in A Digital World

A powerful marriage of high security printing and technology.

## Every Product, Secured.

Estimates show that 5-7% of all world trade is comprised of counterfeit goods.<sup>1</sup> For today's governments, companies, and citizens, counterfeits not only cost billions, they also threaten the trust and safety of end users.

At Ashton Potter, we deliver powerful solutions that work at the intersection of the physical and digital worlds to track, authenticate, and secure every product down to the individual subcomponent.

### **The Challenges** We Solve

#### **Product Authenticity**

We empower manufacturers to validate product and component authenticity by affixing unique, serialized identities to each item, then housing detailed product genealogies in our Blockchainenabled database.



Estimates report that imports of counterfeit are worth **nearly** \$500 billion.<sup>2</sup>

On average, upholding compliance standards

costs \$19.564

per employee.<sup>3</sup>

#### **Product Compliance**

In highly-regulated industries, we automate and document compliance by enabling universal traceability over every component, batch, and product, storing incorruptible records for each.

#### **Product Safety**

A single product compromise can have devasting consequences to end user health and safety. We enable manufacturers to proactively identify and divert subpar batches, preventing compromised goods from ever making their way into the market.

#### **Product Cost**

When production is interrupted, so is profitability. By tracking products and subcomponents in real time throughout the manufacturing process, we give manufacturers the insights they need to mitigate costly downtime and keep operations running smoothly



In 2015, **4.217** product recalls were issued by U.S. federal agencies.<sup>4</sup>



Unplanned downtime costs companies as much as **\$260,000** per hour.<sup>5</sup>

### **A Powerful Marriage** of High Security Printing and Technology

We bring together our long track record in high security printing with advanced SaaS-based technology to secure millions of products around the world.



**A Complete Genealogy** for Every Product in **Your Supply Chain** 

ProLinc is an advanced product security solution that empowers organizations to ensure product integrity for every good and subcomponent, no matter where it is in the supply chain. Designed for rapid scalability and granular insight, ProLinc enables complete product serialization, authentication, and traceability.

#### Features You Want, Security You Regui

Highly-scalable database capable of handling billions of records.

Smart aggregation to accommodate material consolidation, product movement, and distribution.

Quick, single scan access to tamper-resistant insights from the field.

**On-site server option** for maximum speed and security. **Serialized identities** assigned to each product an

**Product authenticat** and insight via a single scar

**Centralized reporting** including production monitor

Integration with your existing ERP and r operation.

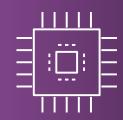
### The Industries We Serve

At Ashton Potter, we serve a diverse range of industries with rigorous requirements for product safety, integrity, and authenticity, including:

- Food & Beverage Companies **Premium Brands** 
  - **DoD Contractors**
- {O}} **Contract Manufacturers**
- Ē **Pharmaceutical Providers** 
  - Governments

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 $\ge$ **Automotive Manufacturers** 



### **High Security Printing**

A Legacy of Excellence in Government-Grade **Security Printing** 

Our government-grade high security printing solutions combine advanced printing and finishing techniques to prevent counterfeiting in a scalable way. Our capabilities encompass all levels of security and include a number of high-security specialty inks, substrates, foils, and technologies.

**Secure Documents** 

**S** Financial Documents

re	High Security Printing for Complex Applications	Highly	
id subcomponent.		We are trusted by the world's governments and brands to secure their most sensitive products and documents. <b>Our high-security printed goods include:</b>	
n.	B Secure Labels	🕑 Visas	
<b>g,</b> ring.	Customized Envelopes	Secure Docu	
non ufacturing	🗊 Tax, Revenue & Excise Stamps	Sinancial Do	
manufacturing	公 Stamp Products		



#### **Product Security Without Compromise**

Visit **www.ashtonpotter.com** to discover how Ashton Potter is solving the world's most complex security challenges.

1. https://www.economist.com/business/2010/03/04/knock-offs-catch-on

2. http://www.oecd.org/industry/global-trade-in-fake-goods-worth-nearly-half-a-trillion-dollars-a-year.htm

3. http://www.nam.org/Newsroom/Top-20-Facts-About-Manufacturing/

4. https://www.statista.com/statistics/617673/recalls-in-the-us/

5. http://www.aberdeen.com/techpro-essentials/stat-of-the-week-the-rising-cost-of-downtime/