SECURING THE PERSONAL PROTECTIVE EQUIPMENT (PPE) SUPPLY CHAIN

Our healthcare providers MUST be protected from counterfeits.

For healthcare workers, personal protective equipment (PPE) is an essential component of the job, no less important than a stethoscope, scalpel or defibrillator. The healthcare professional needs to feel safe and secure with their own health and protection in order to provide confident and accurate treatment to the patient.

Unprecedented Global Supply Chain Threats

Global PPE supply chains are being stressed due to extraordinary demand, especially items like N95 respirator masks, goggles and shields. Legitimate manufacturers and distributors are doing their best to keep up yet are falling woefully short of the current pandemic-driven demands. Unfortunately, this has created the perfect storm for counterfeiting. The door has been opened wide for criminals to take advantage of this situation and introduce counterfeit PPE products into the supply chain. Sadly, many legitimately produced PPE products do not have an effective anti-counterfeit protection solution, nor the means to quickly identify a real product versus a fake product.

Smartphone Product Authentication

What if there was a way for manufacturers and major distributors to be able to quickly add a layer of protection to these products that's impossible to counterfeit? A way where anyone receiving the product could use their smartphone to authenticate the product before using it? A way to stop the funding of illicit criminal organizations, looking to profit from pandemic? Most importantly, a way to ensure that no healthcare professional is using substandard, counterfeit PPE while providing essential treatment to sick patients?

Failproof Anti-Counterfeiting and Traceability

The answer to all these questions is a simple barcode. A label barcode can be used to create a unique digital identifier—or e-Fingerprint®—that is stored securely in the cloud for digital traceability and future product authentication.

In addition to providing infallible anti-counterfeit capabilities, this delivers powerful supply chain impact with aggregation capabilities. Aggregation allows you to easily track products from the individual item level into cartons and then to pallets. One scan of the pallet associates all the cartons and items at every stop in the supply chain.

FBI warns health care professionals of increased potential for fraudulent sales of COVID-19-related medical equipment.
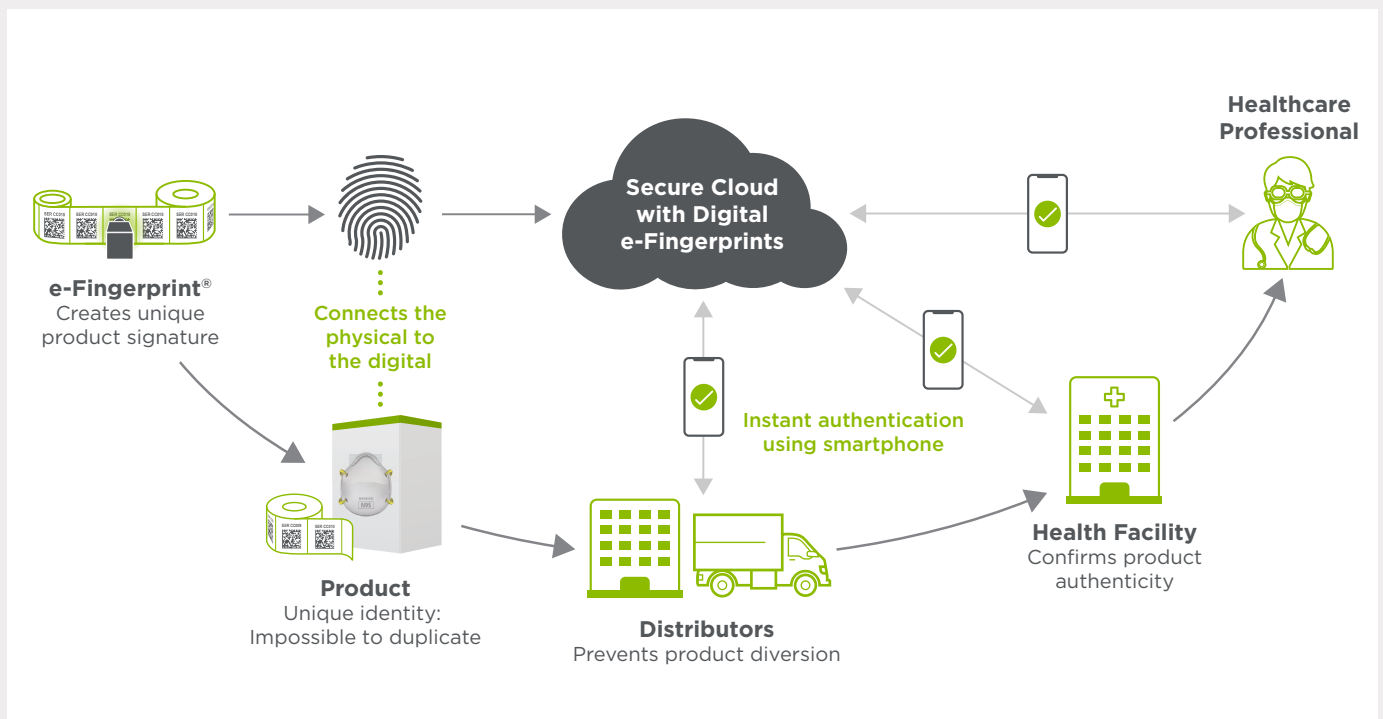
Source: FBI.gov

Simple, Fast and Efficient – Ready for Implementation

How would this work?

1 Manufacturers or distributors apply a digitally e-Fingerprinted label on individual products.

2 The e-Fingerprint is associated with the relevant product metadata, and all the data is linked in the secure cloud environment.

3 At any stage in the supply chain, the products can be authenticated using a smartphone application, creating trusted traceability and assurance to the end user that the PPE is genuine.

4 Manufacturers can have a failproof anti-counterfeit solution up and running in weeks as opposed to months.

e-Fingerprint®
Creates unique product signature

Connects the physical to the digital

Secure Cloud with Digital e-Fingerprints

Healthcare Professional

Instant authentication using smartphone

Product
Unique identity: Impossible to duplicate

Distributors
Prevents product diversion

Health Facility
Confirms product authenticity

Data-Driven Benefits

If a counterfeiter printed their own labels to mimic the legitimate labels, field authentication would always identify them as fakes. Because each label is digitally connected by its barcode, there are several data-driven benefits that go along with the solution.

- Trusted authenticity will give the healthcare provider confidence in their PPE, allowing them to focus on providing the best possible care.

- Information on the product can be delivered to the user of the PPE after they authenticate the product, ensuring proper use and fit.

- Feedback from users can also be sent back to the manufacturers and/or distributors using the smartphone application.

Ready to protect your PPE products and the people who need them? Contact us at Info@SystechOne.com today.

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