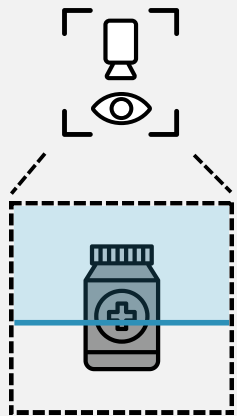


Secure your pharmaceutical brand with

Digital Twin Solutions

AI-powered brand protection and quality assurance
for pharmaceutical manufacturing



Safeguard your business from damage and loss

The pharmaceutical industry faces severe threats to consumer safety that jeopardize the reputation of trusted brands, including counterfeits, lack of regulatory compliance, and supply chain issues. As traditional brand protection methods prove costly and inefficient, safeguarding your pharmaceutical brand is a critical challenge in today's business landscape, especially with consumer health and safety at stake.



Fake pharmaceuticals, produced in unsafe and unregulated conditions, endanger the health of millions.

The annual market is estimated to be

\$200 bln*

www.forbes.com



Protect your brand with Blue Cromos

Blue Cromos offers an easy-to-implement brand protection solution specifically designed for the pharmaceutical manufacturing industry.

Our digital twin solution utilizes a camera on the production line, paired with cloud-based software and AI, to create a unique identifier for each item or package.

Our patented fingerprinting technology enables easy authentication via a mobile app, ensuring the safety and integrity of your products.



Easy-to-implement and zero maintenance system

Blue Cromos can be implemented on the pharmaceutical production line with minimal disruption, whether in-house or outsourced.

No additional labels or tags are needed on packaging, such as boxes, labels, blisters, and other pharma containers.

The platform is designed to integrate smoothly with modern factory production systems, allowing for accurate monitoring and reporting.



Convenient cloud-based platform

The Blue Cromos cloud system enables accurate data management, control, and storage across various platforms. The advanced AI engine generates a "fingerprint" that is unique to each item based on individual characteristics from images or other data sources.

This digital twin (data replica) can be stored for long periods – up to ten years – and provides monitoring, reporting, and traceability functions, crucial for regulatory compliance and consumer safety in the pharmaceutical sector.

isAuthentic

✓ **Fast, effortless installation – no need for changes to the product or packaging**

✓ **Verify original products with ease – anywhere in the logistics chain**

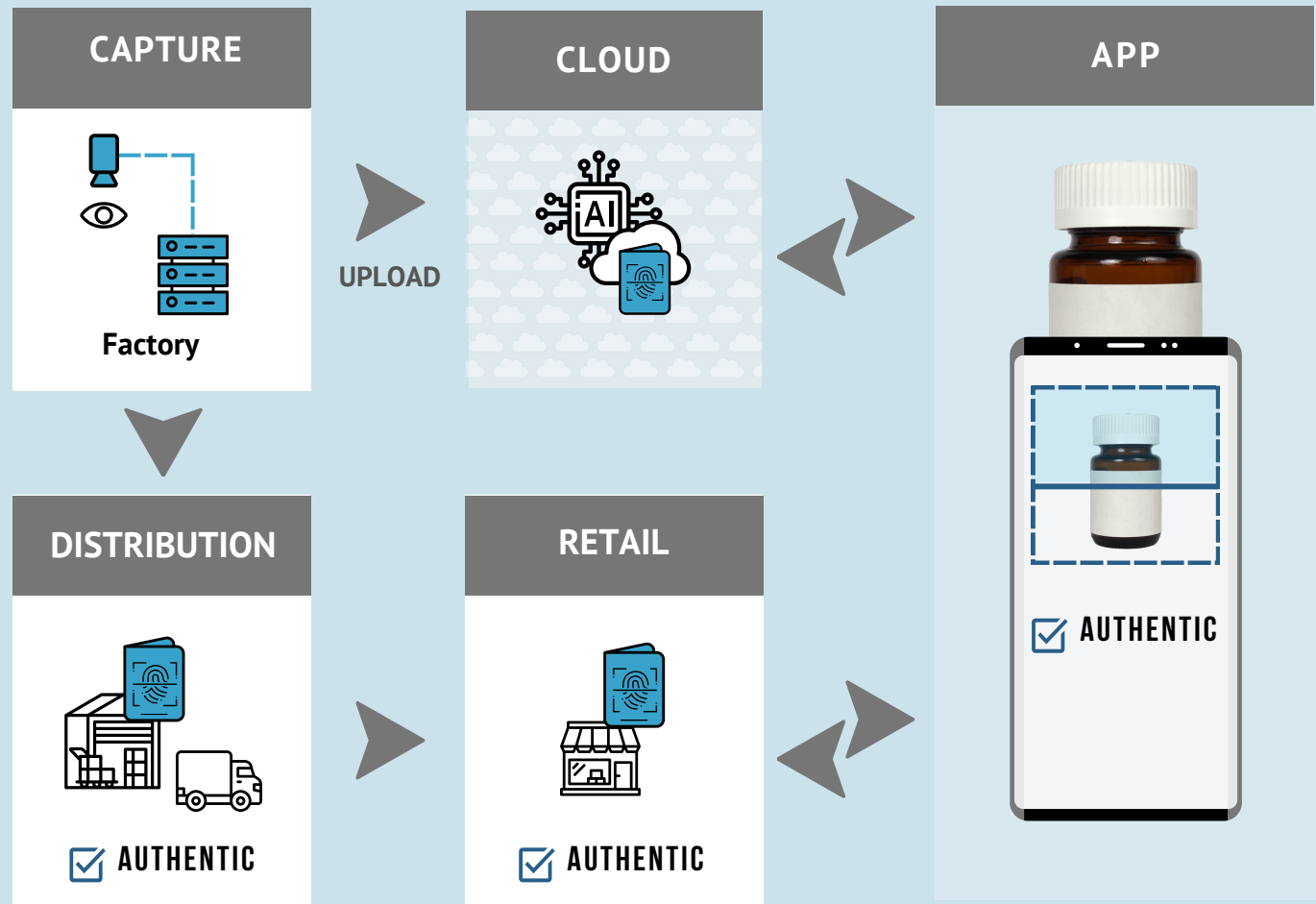
✓ **Create serial numbers using object detection technology**

✓ **Recognize and validate serial numbers with object detection**

✓ **Continuous authentication – every time a product is scanned in the supply chain**

isAuthentic uses Blue Cromos' patented fingerprinting technology to quickly authenticate original pharmaceutical products, ensuring that counterfeit medications with subtle differences remain detectable.

The technology can be applied in pharmaceutical manufacturing facilities, enabling real-time reporting and insights on the authenticity of medicines. isAuthentic eliminates the need for manual handling and inspection, providing results in seconds.



isQuality

isQuality uses the Blue Cromos platform to detect and monitor manufacturing tolerances in the pharmaceutical industry quickly and accurately. It tracks printing errors on labels and packaging, ensuring that products meet predetermined tolerance levels.

Quality issues such as smearing, skew, or white lines can be detected instantly, with people alerted via a visual indicator and a signal sent to the production system. isQuality enables quick correction of quality problems, assists with predictive maintenance, and prevents unnecessary production disruptions.



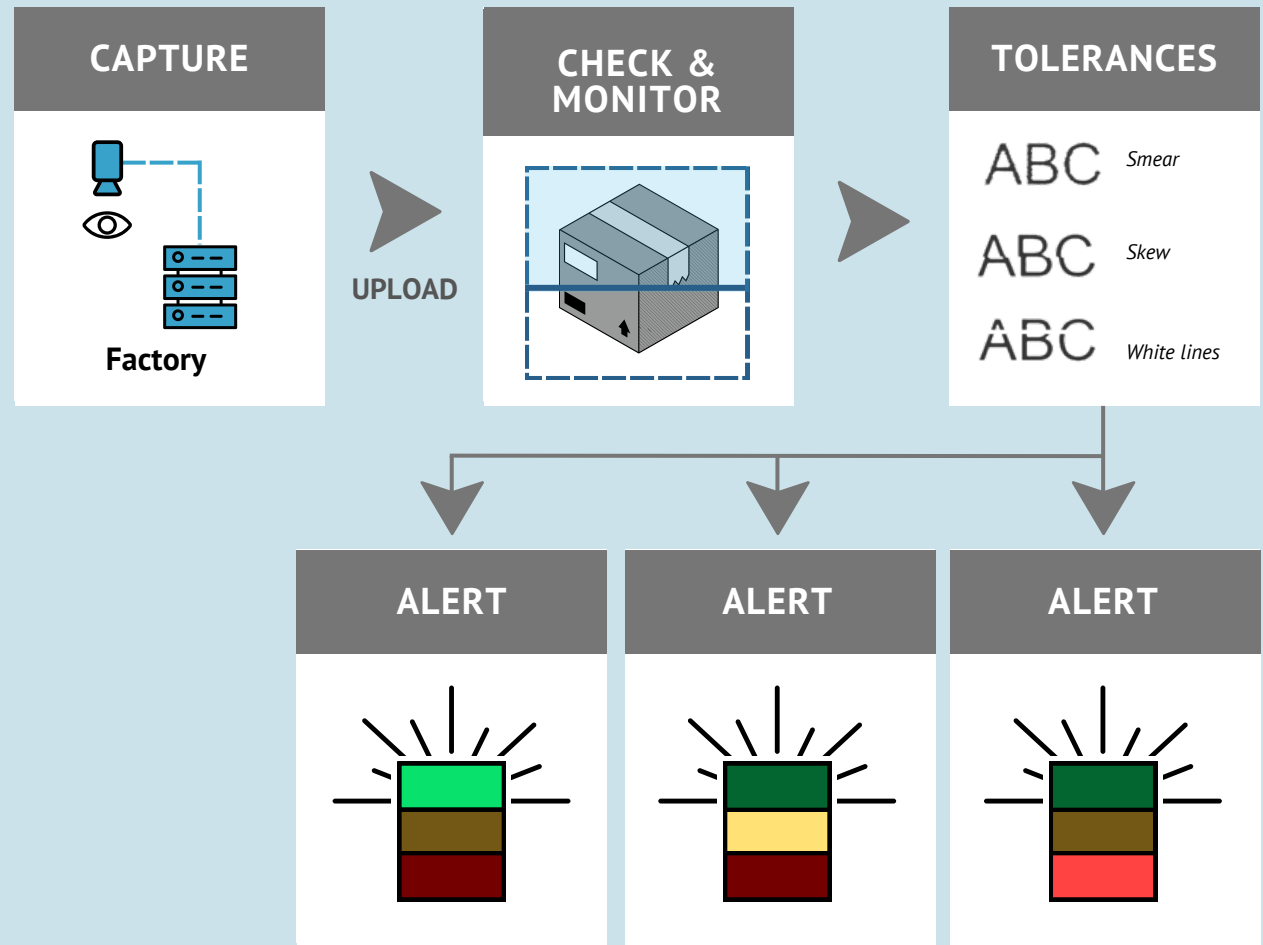
Reduce downtime by detecting and rectifying quality issues instantly



Cut waste by proactively identifying the need for equipment maintenance



Save time and resources by catching printing errors in real-time



isPassport

✔ Streamline supply chain processes and reduce labor costs

✔ Make products safer with reliable and verified data

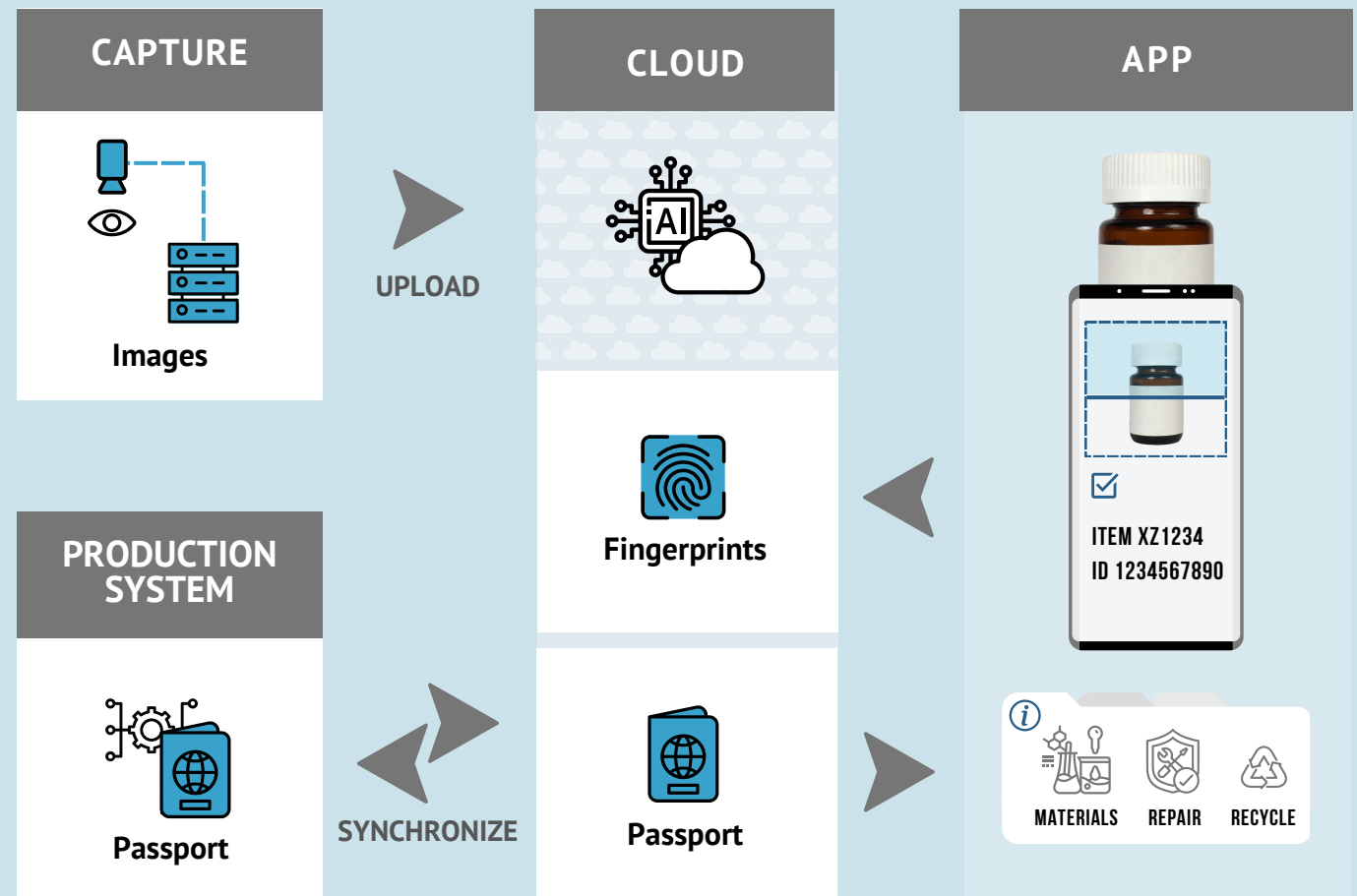
✔ Enhance recycling processes with improved component verification

✔ Build consumer trust with improved transparency and open sustainability data

✔ Maximize traceability with digital product passports (DPP)

isPassport for pharmaceuticals is a product identification system that uses fingerprinting technology to identify each individual medication or packaging, without the need for any extra labeling.

It can be integrated into any logistics or supply chain system within the pharmaceutical industry to update stakeholders on the product's route from supplier to market, and beyond. Compliance with regulatory standards can be one of the tracking parameters, ensuring safe and traceable distribution of medications throughout the supply chain.



Secure your pharmaceutical brand with Blue Cromos



Streamline brand protection with an easy-to-implement platform and no extra labeling



Reduce the risk of counterfeit medicine entering the supply chain with digital twin fingerprinting technology



Boost sustainability with improved traceability and verification

Safeguard your brand's reputation

Contact Us Today 