seal

digital twin platform of the future

Seal is the digital twin platform for consumer brands that wish to protect, grow and delight their customers through the power of authenticity

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Protect

Fight counterfeiting and supply chain fraud by tracking individual items.

Extend

Build applications for your customers, marketing, supply chain, customs and logistics.

Analyze

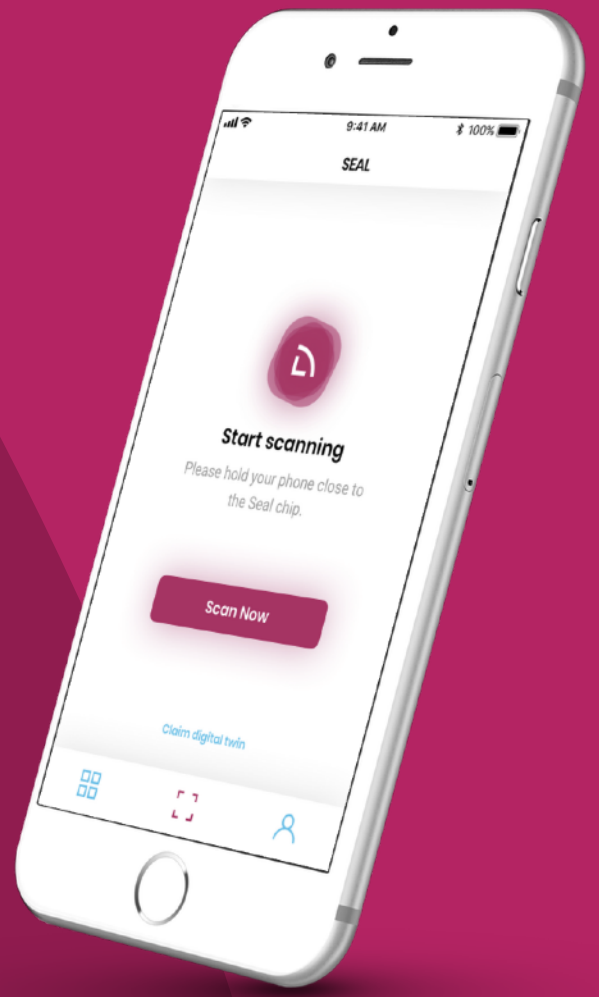
Understand ownership and product streams from creation to disposal.

State of the art digital twins using blockchain and NFC technology

Seal uses state of the art NFC chips and blockchain technology to allow secure and wireless product authentication accessible for both industrial use and consumers.

The secure physical-to-digital link is the foundation for product authenticity and it’s digital twin.

3cm



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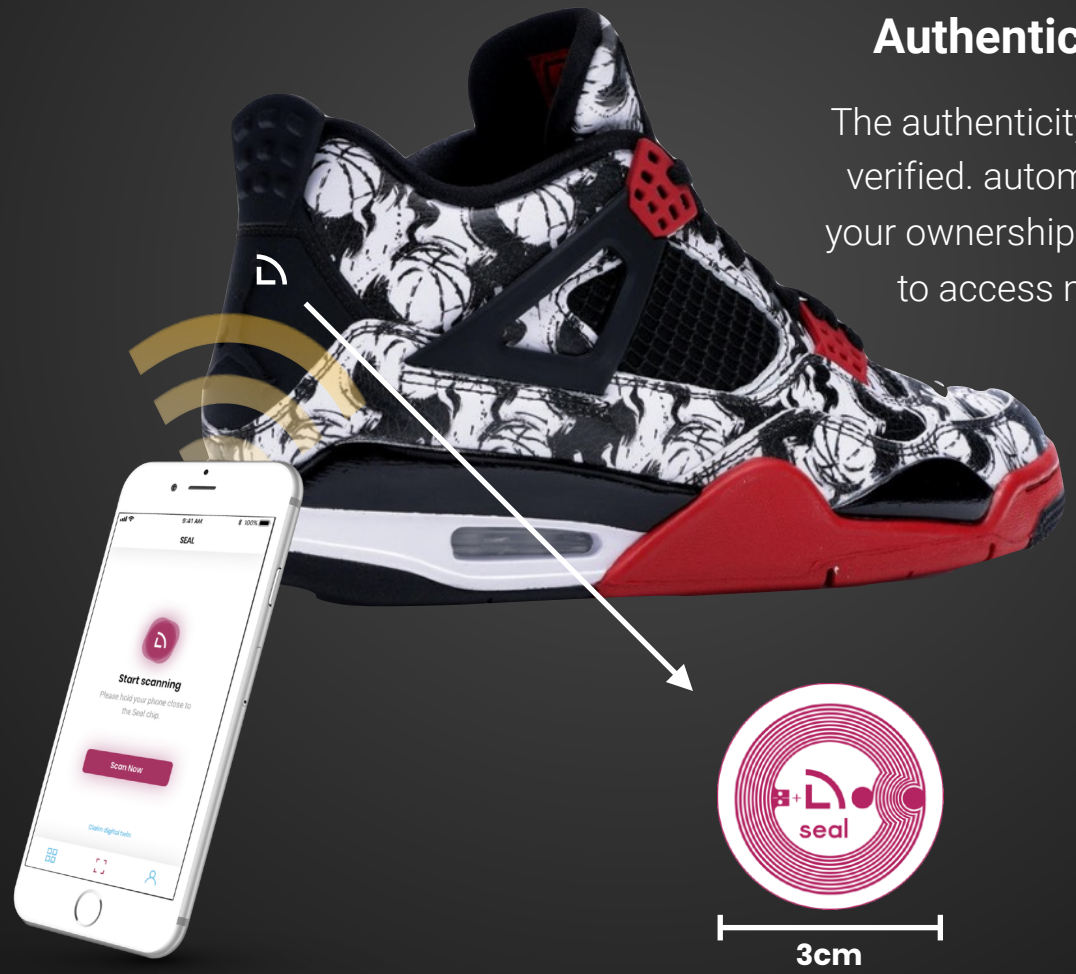
1

Tap to scan chip

A cryptographic chip is discretely incorporated into the product. Anyone can tap it with a phone to access the digital twin.



2

Authenticate product

The authenticity of the product is verified. automatically. Register your ownership on the blockchain to access more services.

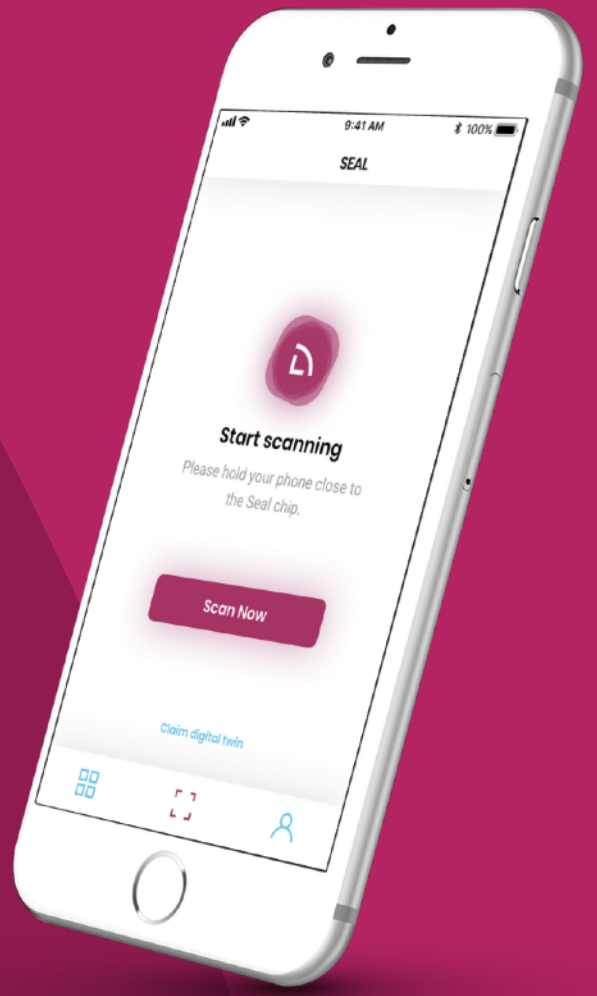
3

Access microservices

Unleash Apps built to enhance your experience, whether you are the customer, or an industry or government stakeholder.

Ownership-based model

- Provide authenticity & transparency to consumers
- Register and transfer ownership of items
- New business models based on ownership
- Track and transfer ownership of individual or aggregated items
- Connect with owners of your product
- Direct-to-consumer marketing content delivery platform
- Rich segmentation filters



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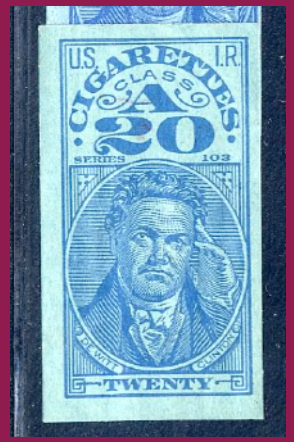
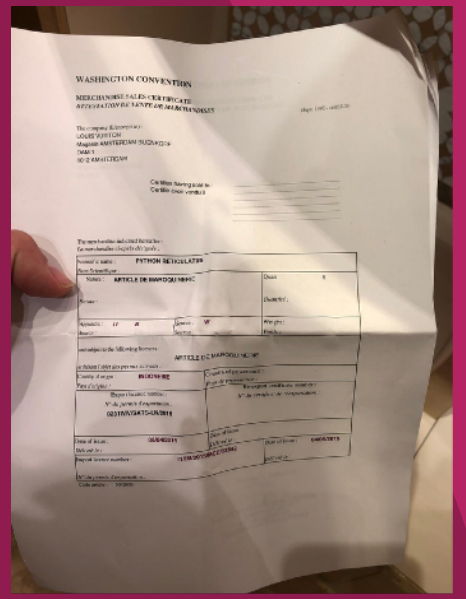
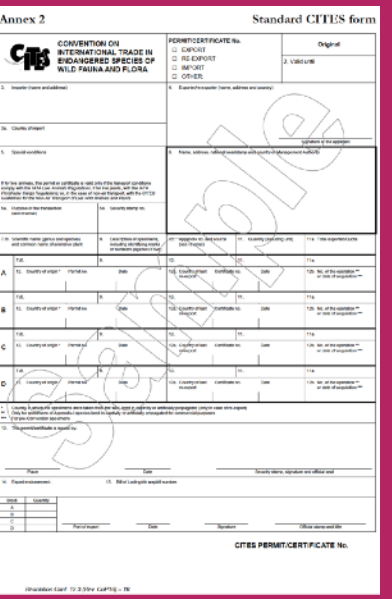
Digital in-product certificate and permit registration and just-in-time excise tax remittance

Add any certificate, license, permit or proof of origin to individual products, such as CITES. Defer payment of import and excise duties until products are shipped or exported. Achieve more efficient redistribution of cross-border inventory.







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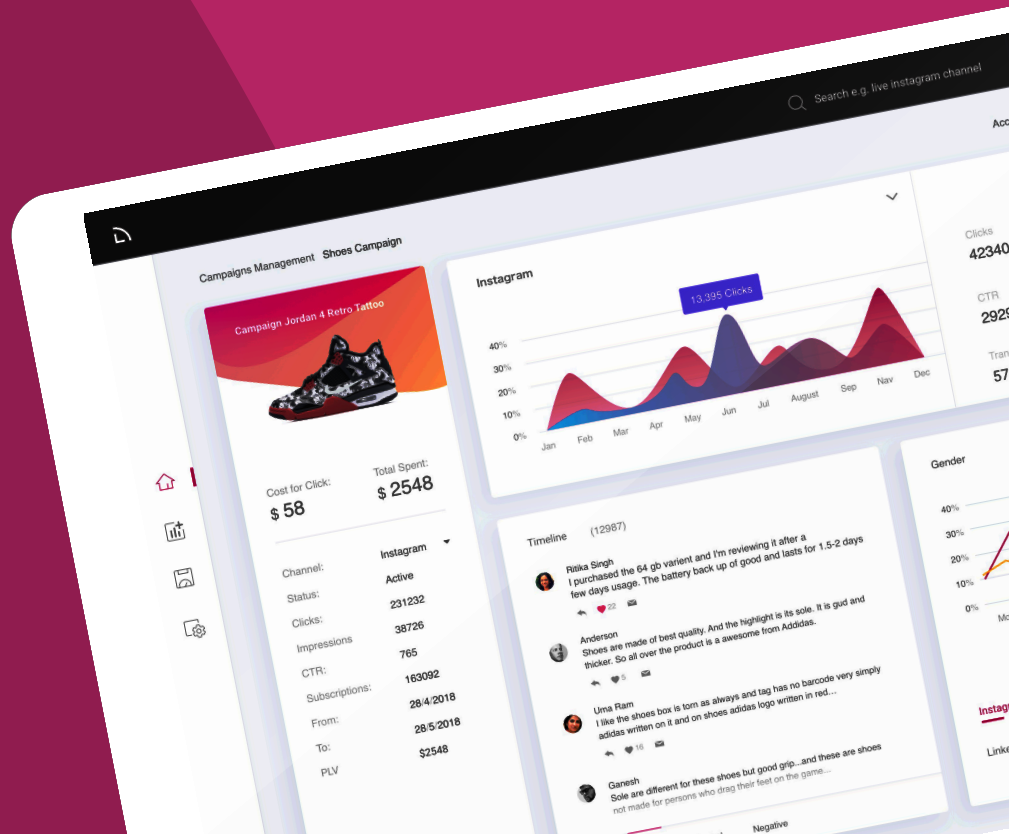
Insights and analytics

Know your customer regardless of the sales channel.

- Identify growth and decline areas
- Before and after point-of-sale, regardless of channel
- Track secondary market product streams
- Capture trends over time and region
- Rich segmentation filters
- Product Lifetime Value



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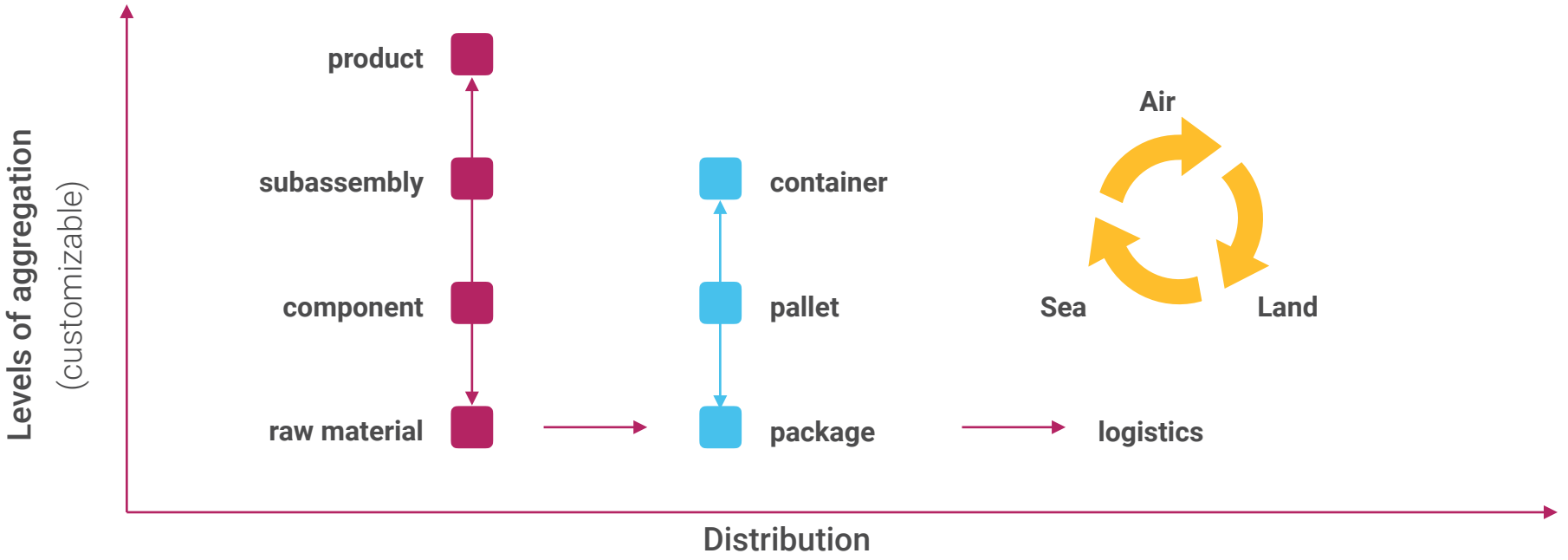
Seal Digital Supply Network



- Certificate of Authenticity
- Proof of Origin / GSP Form A
- Product Certification
- Certificate of Analysis
- Shipping Instructions
- Commercial Invoice
- Proforma Invoice
- HS Codes & customs data
- Other documents

- Bill of Lading
- Booking Request
- Other documents
- Export Declaration
- Packing List
- Dangerous Goods Declaration
- Inspection Certificate
- Other documents

- Airway Bill
- Seaway Bill
- Railway Bill
- Arrival Notice
- Other documents

Document flow to data flow

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