Optchain™
BY OPTEL

Reinventing traceability

HELPING BRANDS ACHIEVE COMPLIANT, EFFICIENT AND SUSTAINABLE SUPPLY CHAINS

The Optchain platform acts as a control tower for your supply chain, capturing and connecting key product and life cycle data. It collects primary data, ensures product traceability, maps your supply chain, and onboards your suppliers.

The platform stands out with its traceability capabilities, which empower stakeholders to optimize the efficiency and sustainability of their supply chain, all while ensuring compliance with local regulations and international standards.

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WHAT OPTCHAIN CAN DO FOR YOUR BUSINESS

YOUR PARTNER FOR SUPPLY CHAIN COMPLIANCE

In a regulation-rich era, Optchain offers a tailored compliance solution adaptable to your supply chain complexity, digital maturity, and supplier count, evolving with your needs and regulatory changes.

Optchain helps companies in complying with regulations pertaining to responsible sourcing and product safety:

- EU Deforestation Regulation (EUDR)
- EU Carbon Border Adjustment Mechanism (CBAM)
- Science Based Target initiative (SBTi)
- FDA Food Safety Modernization Act (FSMA 204)
- EU Digital Product Passport (DPP)
- And more

ENHANCING YOUR SUPPLY CHAIN SUSTAINABILITY

Optchain provides supply chain visibility extending beyond tier 1 suppliers, offering insights into environmental impacts and risks. Through stakeholder mapping and automated data capture, it facilitates effective risk management and promotes sustainable practices to safeguard your brand.

Carbon Tracking: Manage your product and enterprise carbon emission footprint (Scope 1, 2, and 3) using primary data to expedite decarbonization efforts.

Deforestation-Free Sourcing: Optchain manages and monitor deforestation risks across tier 1-3 suppliers, ensuring visibility, compliance, and brand protection.

BOOSTING SUPPLY CHAIN EFFICIENCY AND CIRCULAR PRACTICES

Optchain offers real-time visibility into the movement of your assets within the supply chain, allowing you to gain operational efficiency and maximize return on investment for your assets.

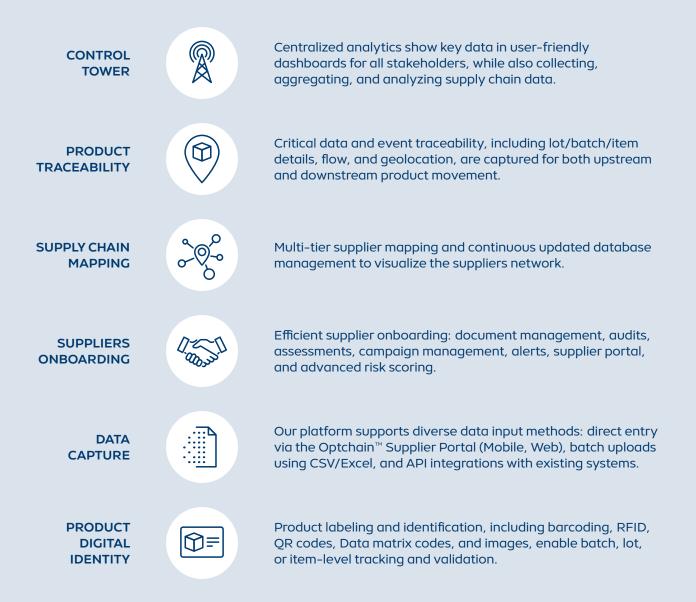**Inventory Tracking:** Gain real-time visibility into your supply chain inventory flow and levels, enhancing forecasting accuracy and agility.

Reusable Packaging Traceability: Track and monitor the journey of your bulk packaging, RePET, or any value-added packaging or asset from manufacturing sites to end users and back. This optimization enhances returns and maximizes the efficiency of its life cycle.

ABOUT OPTEL

With over three decades of tech innovation, OPTEL revolutionizes supply chain transparency and resilience. As a top solution provider, we optimize intelligent supply chains with our end-to-end traceability systems. Our adaptable technology stack, featuring advanced hardware and software solutions, caters to diverse industries. OPTEL has digitized and secured supply chains globally, spanning pharmaceuticals, food and beverage, mining, agrochemicals, and more.

KEY FEATURES AND CAPABILITIES

CONTROL TOWER
Centralized analytics show key data in user-friendly dashboards for all stakeholders, while also collecting, aggregating, and analyzing supply chain data.

PRODUCT TRACEABILITY
Critical data and event traceability, including lot/batch/item details, flow, and geolocation, are captured for both upstream and downstream product movement.

SUPPLY CHAIN MAPPING
Multi-tier supplier mapping and continuous updated database management to visualize the suppliers network.

SUPPLIERS ONBOARDING
Efficient supplier onboarding: document management, audits, assessments, campaign management, alerts, supplier portal, and advanced risk scoring.

DATA CAPTURE
Our platform supports diverse data input methods: direct entry via the Optchain™ Supplier Portal (Mobile, Web), batch uploads using CSV/Excel, and API integrations with existing systems.

PRODUCT DIGITAL IDENTITY
Product labeling and identification, including barcoding, RFID, QR codes, Data matrix codes, and images, enable batch, lot, or item-level tracking and validation.

RISKS AND LIFE CYCLE ASSESSMENT (LCA)

A report identifies GHG emissions, ESG disclosures, supply chain hotspots, integrates analytics into Optchain dashboards, and proposes strategies for meeting targets with enhanced data collection.

PROOF OF COMPLIANCE

Generate compliance evidence and reports for regulations like EUDR, DPP, FSMA 204, CBAM, etc., and share them with authorities via EPCIS, APIs, or specified means.

DIGITAL TWIN

Optchain enables organizations to model various supply chain scenarios using digital twin technology, facilitating scenario exploration and decision impact assessment.

DATA SECURITY

Security is paramount in our design, ensuring strong data protection and segregation to maintain confidentiality and integrity of sensitive supply chain information.

CONTACT US

For more information, visit: optelgroup.com.

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Corporation