utopia

Optovision Pvt. Ltd.

- Serialization

- Aggregation

- Global Compliance

TRACK & TRACE

COMPANY OVERVIEW

Utopia Optovision develops machine vision solutions for the pharmaceuticals sector for dedicated applications. Stringent quality management and innovative technology are the cornerstones of all our operations. This translates into an ability to deliver quality products at competitive prices, one of our unique strengths. With in-depth experience in advanced electronics and embedded systems, Utopia Optovision has the strategic and engineering capability to meet the complex needs of pharmaceuticals majors both in India and overseas.

Track and Trace Solutions :

As counterfeiting of drugs is increasing, the pharmaceuticals industry and regulatory agencies are adopting multiple anti-counterfeit strategies to secure drug supply chain and widen awareness about counterfeiting of drugs among end users.

It also brings risks to pharmaceuticals companies in regards ti litigation's and related penalties.
For secured supply chain, one of the key requirements is the ability to trace, validate and verify the authenticity of the drug at any stage of the supply chain. Hence, new regulations like e pedigree and new technology like 2D Barcodes are introduced to counter the counterfeit drugs

Utopia's solutions can meet the Drug counterfeit challenges by effectively managing Product "Serialization". It deploys mass serialization using EPC and data carrier technologies like 2D Barcodes and also provides option to implement solution to meet the e Pedigree requirement of future

We are authorized **OEM partner of HP USA,** the world leader in Thermal Inkjet Printing Technology.

SOLUTION OVERVIEW

- Designed As per GS1 GuidelinesNon
- Repeatative-Non Deterministic Unique Code Generation
- Primary to Pallet Level Solution For Variety of Packaging Lines
- Establishment of Parent-Child Relationship Between All Levels
- EPCIS Compatible Solution
- cGMP & 21 CFR Part 11 Compliant
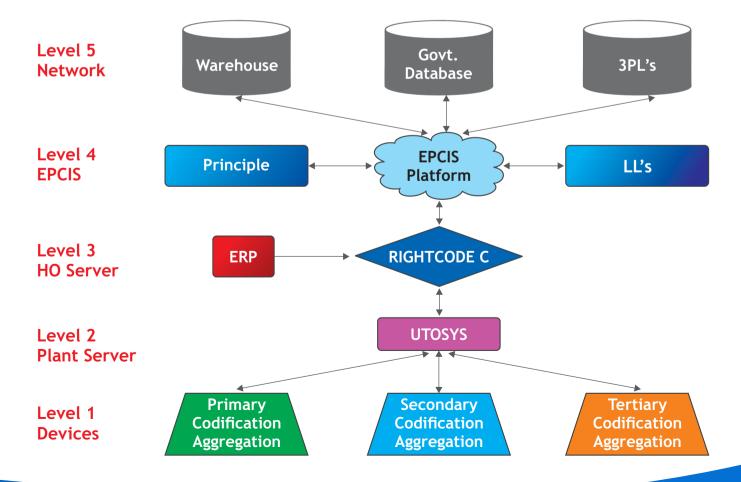- Scalable for Other Country Specific Norms

SOLUTION ARCHITECTURE

HO Server Software

- Unique Code Generation for Primary, Secondary
  & Tertiary Section
- Integration with Client ERP
- Integration with EPCIS System
- Co-ordination & Communication with Plant Server.
- Code Generation for Loan Licensees
- Code receipt from Third Party

Plant Server Software

- Code Receipt from HO Server
- Code Status Upload to HO Server
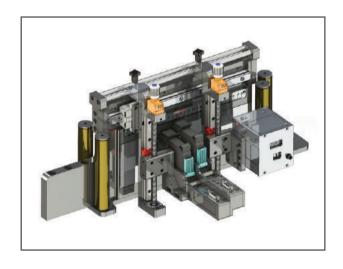- Batch Assignment, Transfer & Termination

Level 5 Network	Warehouse	Govt. Database	3PL's
Level 4 EPCIS	Principle	EPCIS Platform	LL's
Level 3 HO Server	ERP	RIGHTCODE C	
Level 2 Plant Server		UTOSYS	
Level 1 Devices	Primary Codification Aggregation	Secondary Codification Aggregation	Tertiary Codification Aggregation

UTOPRINS 201: Bottle Label Codification System

UTOPRINS 201 is Perfect Solution for Printing & Inspection of Bottle Labels

Features

- Printing & Inspection of Codes as per GS1 Norms
- Gradation of GS1 Datamatrix as per ISO 15415 Guidelines
- Synchronization with Labeling Machine Rejection System
- Pass & Rejection Verification System

Codification

UTOSCAN 360 (Label and Track Code Association System)

UTOSCAN 360 with its 6 Circumferial and 1 top Camera establishes Association of Label 2D Code with Track Code Present on the Top or Bottom of the Bottle

Association

Features

- Inspection of Label 2D, Product Code & Track Code
- Twin Bottle Gripper Belts for Smooth Conveying of the Bottle
- Optional Provision for Top or Bottom Track Code Printing
- Industrial Grade Cameras, Lens & Light Source for Accuracy
- Max Speed up to 200 Bottles/Min
- Suitable for Wide range of Bottle Sizes
- Tool less operation for Easy Changeover

BLISTER LINE SERIALIZATION

UTOPRINS 202 SF (Offline Carton Codification System)

Utopia's UTOPRINS 202 SF is Offline Printing & Inspection
System with Own make TIJ Printer & Camera.

Features

- Stacker Type Carton Feeding Mechanism
- Fluent Carton Delivery and Transportation
- High Resolution Printing with TIJ Printer
- Industrial Grade Optics for Inspection of Codes &
  Human Readable Data
- Gradation of GS1 Datamatrix as per ISO 15415 Guidelines
- Pneumatic Carton Rejection System
- Optional Carton Re-stacking Mechanism

Codification

Track & Trace By Utopia
The Complete Serialization Solution!

UTOS 300 FB AG: Offline Carton Codification & Aggregation System

Utopia's UTOS 300 FB AG is Online/Manual Printing & Inspection System with Own make TIJ Printer & Camera.

Codification

Features

- Platform for Convenient Manual Placement of the Cartons
- Flat Belt Carton Conveying System
- High Resolution Printing with TIJ Printer from Side and Top
- Industrial Grade Optics for Inspection of Codes & Human Readable Data
- Gradation of GS1 Datamatrix as per ISO 15415 Guidelines
- Auto Aggregated Label Generation for Intermediate and Shipper Label
- Pneumatic Carton Rejection System

UTOS 300 SERIES:

Carton Serialization & Tamper Proof Label Application System Specially Designed for EU Compliance

- **UTOS 300 :** Carton Serialization
- **UTOS 300T:** Carton Serialization with Two Side Tamper Evident Label Application & Verification System

Features

- Carton Separator Belt with Orientation Verification Facility
- Gripper Type Carton Conveying Mechanism for Better Results
- High Resolution Printing with TIJ Printer
- Industrial Grade Optics for Inspection of Codes & Human Readable Data
- Gradation of GS1 Datamatrix as per ISO 15415 Guidelines
- Pneumatic Carton Rejection System
- Pass & Rejection Verification System
- Maximal integration flexibility through modular design

Codification

Tamper

UTOPRINS 202 AGCI: Carton-Intermediate Pack-Shipper Aggregation System

UTOPRINS 202 AGCI is Multilevel solution for Carton Codification & Aggregation.

Aggregation

Features

- Flat Belt type Carton Conveying System
- Printing & Inspection of Codes as per GS1 Norms
- Top Camera for bulk Code Reading of Intermediate Pack
- Side Camera for Individual Carton Aggregation
- Auto Aggregated Label Generation for Intermediate & Shipper Label
- Diverter for Simultaneous Aggregation of Two Shippers
- Pneumatic Carton Rejection System
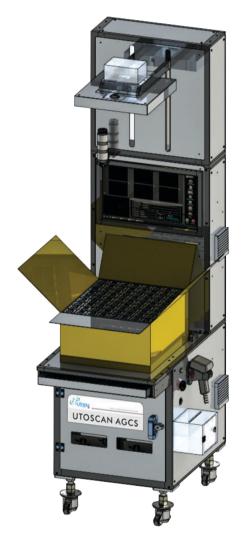- Pass & Rejection Verification System

UTOSCAN AGCS : Carton-Intermediate Pack-Shipper Aggregation System

Utopia's Bulk code reading system UTOSCAN AGCS creates hierarchical relationship between Primary, Intermediate & Shipper.

Aggregation

Features

- Inspection of 200 Codes in a Single Scan
- Multiple Layer 2D Code Capturing
- High Resolution Camera and Powerful Lens
- Servo Motor Driven Mechanized Camera Movement
- Maximum Area of Interest 450 mm X 500 mm
- Auto-Label Generation after Cycle completion
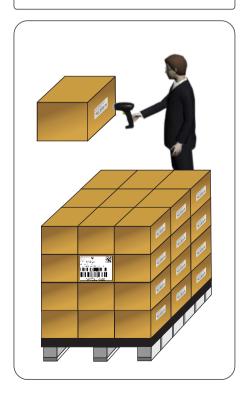
UTOSCAN AGH : Manual Aggregation System

UTOSCAN AGH is Hand Held Scanner Based Aggregation System to establish hierarchical relationship between Intermediate & Shipper or Shipper & Pallet

Aggregation

Features

- Label Designing Facility
- Synchronization with Label Printer & Hand Scanner
- Signal Generation for Printing of Tertiary Label
- Aggregation Cycle completion after scanning by Hand Held Scanner
- Optional provision for Simultaneous Aggregation of Two Shippers

ADVANTAGE UTOPIA

- Only Manufacturer of All Three Major Components of the Track & Trace
    - TIJ Printers
    - Camera Systems
    - Carton Handling Systems
- On Site Proven & Tested Models
- EPCIS Ready Solution
- 500+ Installations on 250+ Lines In 40+ Plants
- Well Defined Project Execution Methodology
- Qualified, Well Trained & Dedicated Service Engineers
- Versatile Training Program & Hand holding for Customers
- In Depth Documentation

Utopia Optovision Pvt. Ltd.

P-4/1, Information Technology Park,
Old MIDC, Satara, Maharashtra, INDIA
Ph. +91 2162- 246821 / 29
www.utopiaoptovision.com