



Product Identification



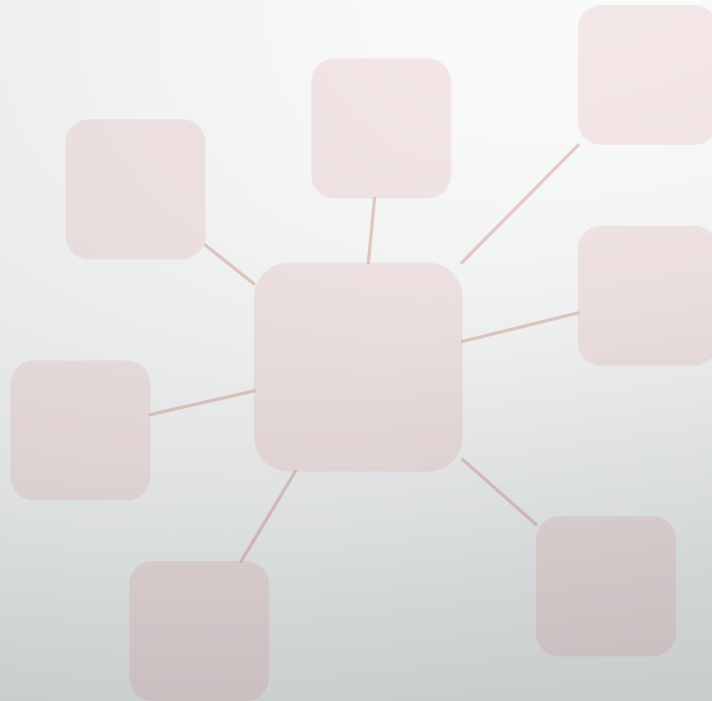
Product Identification

- From Supply Chain Management (SCM) point of view, product flow is one of the key processes recognized. Product identification systems can play an important role in order to create a precise and live product flow which provides a clear viewpoint on different aspects of enterprise decision making, product process control and customer relations.



Product Identification

- **Verification**
- **Validation**
- **Traceability**
- **Anti-counterfeit**



Verification

- Verification process insures the correctness of product specification at the beginning of each process.
- Are you using the right batch for production?



Order	Date	Count	Company
1723224	2016-06-13	0	
1723225	2016-06-13	0	
1723226	2016-06-13	1	01234567890

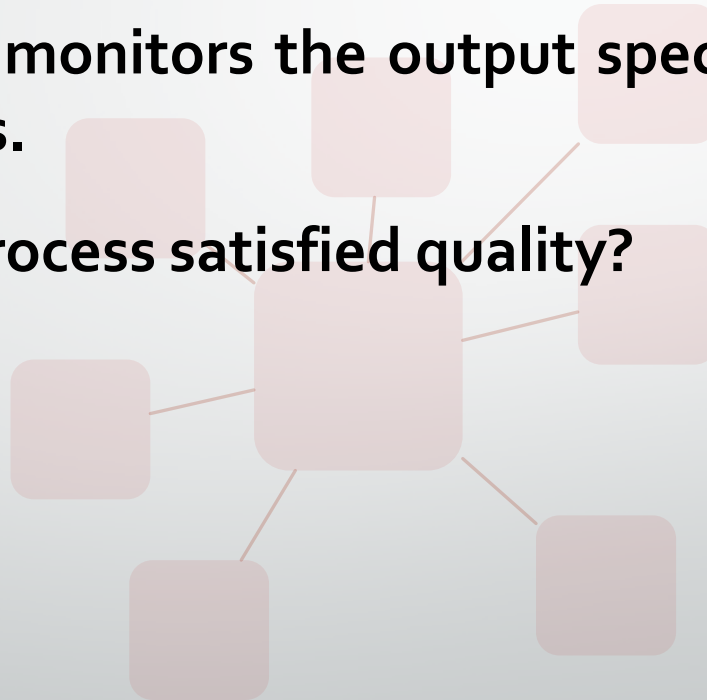
Order Code	UID	Count
1723226	17232140694185204276	1
1723226	17232140694185107027	2

Order Code: 1723226
Order Date: 6/13/2016
Production: 6/13/2016
IPC: 0123456789012345
Distributor: 01234567890
Customer: 01234567890
Licence:
Prefix: 17232
Count: 7
Batch: 500012
Expiry: 12/ 1/2020



Validation

- Validation process monitors the output specifications of product at the end of each process.
- Did your product process satisfied quality?



Validation

- **Product Quality Validation**

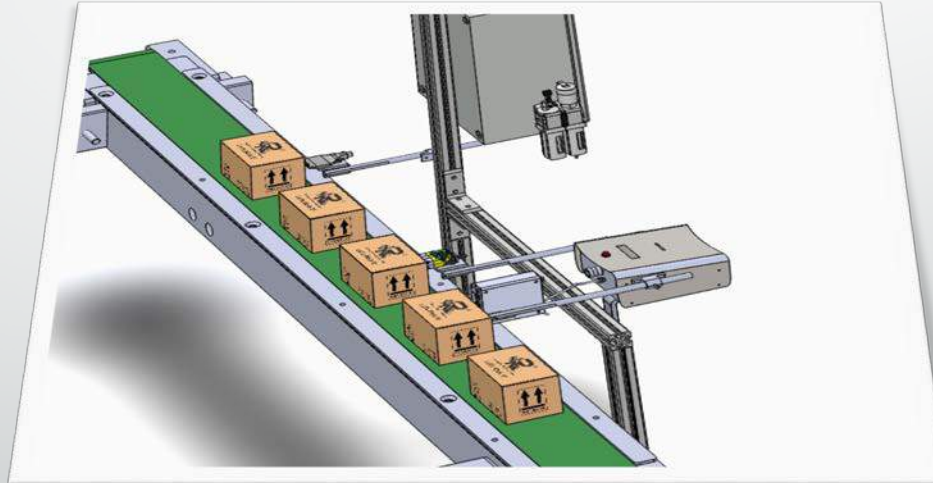


- **Product Marking Validation**



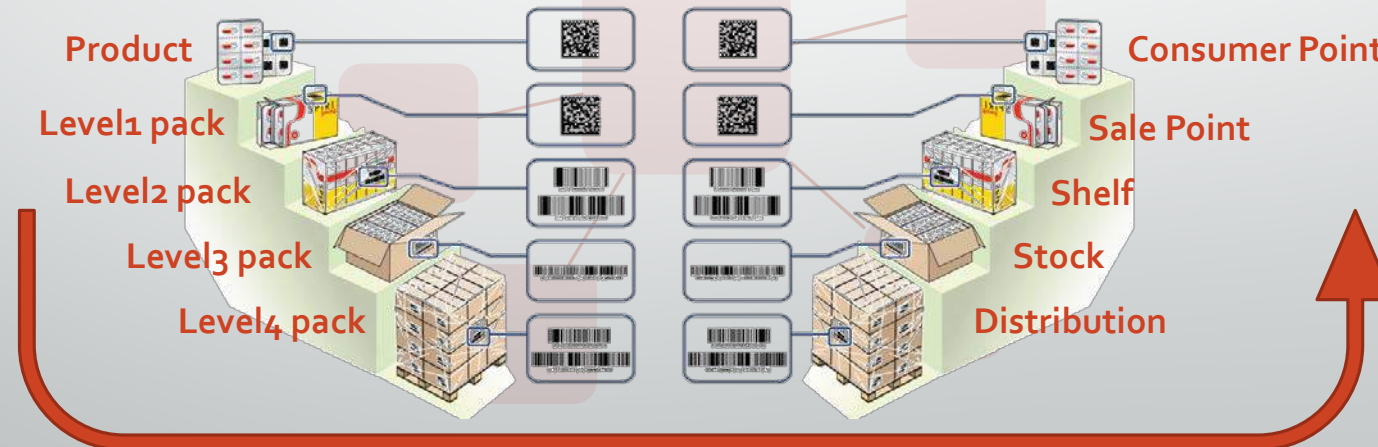
Rejection systems

- Rejection and Isolation systems prevent invalid products from reaching upstream process.



Traceability

- Track product and parts through every supply chain process, from origin to consumer point.



Anti-Counterfeit and global regulations

- Product identification systems guarantee a unique, authenticated product with required standards to report to governmental institutions at any point of trade.
- Your Products in the right hands...
 - UV Coding / invisible ink
 - Anti Counterfeit status check

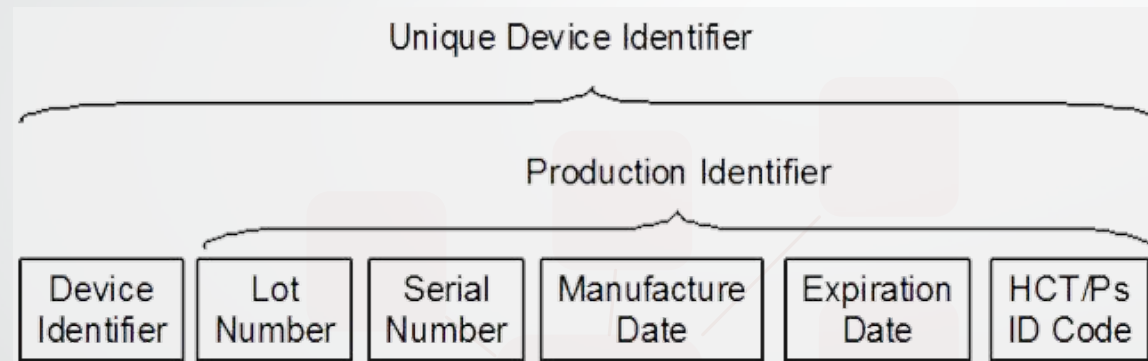


UDI (Unique Device Identification)

- Complies with FDA , IMDRF and EU medical device identification regulations.
- Reduces Medical Errors
- Provides a foundation for a global, secure distribution chain which helps to address counterfeiting and diversion.
- Unifies reporting and track and trace of products worldwide.



UDI (Unique Device Identification)



Existing GS1 UPCA barcode – 1D Linear barcode

AIRSENSE 10 AUTOCSET USA CO
37207
 REF 01949837207
 MANUFACTURED BY: RESMED LTD
 1 ELIZABETH MACARTHUR DR.
 BELLA VISTA NSW 2153 AUS.
 TEL: +61 (2) 8884 1000
 EMAIL: resmed@resmed.com.au
 2015-10-25

DISTRIBUTED BY: RESMED (AU) LTD ECRP
 801 SPECTRUM ST JUBILEE AVE
 CENTER BLVD MILTON PARK
 SAN DIEGO ABINGDON OX20N
 CA 92123 USA GX14 49W UK
 SEE www.resmed.com FOR OTHER
 RESMED LOCATIONS WORLDWIDE.
 FOR FURTHER INFORMATION SEE:
www.resmed.com/ip

LOT 1102397
 RX Only

SN 02120150086127

Existing GS1 128 barcode – 1D Linear barcode

UDI LABELING

1 (01)00619498372072
 2 (11)151025
 3 (10)1102397
 4 (21)20150086127

GS1 DataMatrix 2D Barcode

Human Readable Interpretation

1 (01) = Global Trade Identification Number
 2 (11) = Date of Manufacture
 3 (10) = Lot Number
 4 (21) = Serial Number

2897-2928

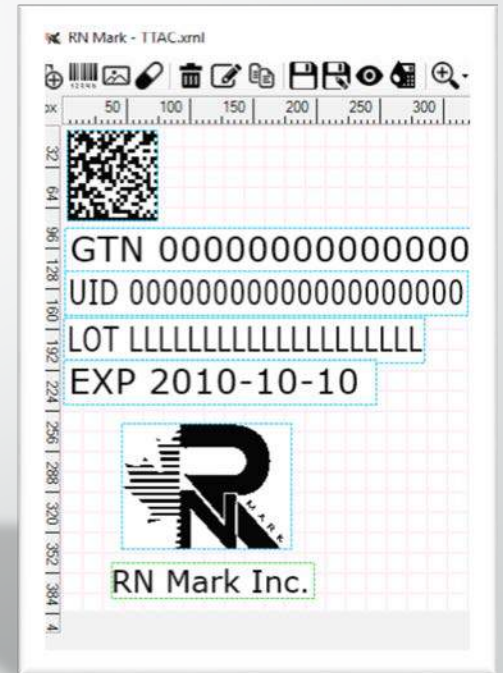
GTN 08697755696552
 UID 17232010597289752897
 LOT S00012
 EXP 2020-12-01

Web : www.ttac.ir
 Tel : 021-6185 1723 2010
 SMS : 20008822 5975 2897



Why RN Mark?!

- Cost-effective Craftsmanship
 - Customized solutions with optimized effort for every application
- System Integration
 - Flexible database handling (reporting and database interlocking)
 - Versatile Code Generation (GS1 1D & 2D)
 - Online / Offline code generation logics



Thank You for your attention!

