THE TRACEABILITY SOLUTION

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THE BOTTLE LIFE TRACER TECHNOLOGY
In a global wines and spirits market where issues of quality, traceability and authentication are increasingly important, Saverglass offers a solution for identifying each bottle and tracing every component and operation that has gone into its production.

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KEY ADVANTAGES OF TRACEABILITY

- Identifies each bottle and traces all operations that led to its production
- Reduces defects and non-standard products
- Protects against counterfeiting/ensures authentication
- Protects the brand image
- Showcases the bottle and its uniqueness
- Complies with food safety regulations (European directives, etc.)
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Saverglass is launching a unique solution for marking its bottles. Products can be traced by the unit using a totally automated method, thus ensuring optimal quality.

This solution ensures:

- Product quality control, by providing:
  - Stricter quality control during production
  - Swifter, more reliable responses to quality issues reported by customers

- Bottle authenticity, by:
  - Recognizing the bottle’s identity
  - Or recognizing a copy

Bottles individually identified with complete accuracy.
AN INNOVATIVE IDENTIFICATION SOLUTION THAT MEETS MARKET STANDARDS

THE SOLUTION INVOLVES A DATA MATRIX CODE WHICH CANNOT BE ALTERED.

THIS SOLUTION ENSURES

• Product quality control, by providing
  - Stricter quality control during production
  - Swifter, more reliable responses to quality issues reported by customers
  - Brand protection by reducing product recalls

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BOTTLES INDIVIDUALLY IDENTIFIED WITH COMPLETE ACCURACY
A UNIQUE... DATAMATRIX CODE

DATAMATRIX CODE ON THE NECK

DATAMATRIX CODE AT THE BASE
... FOR A UNIQUE BOTTLE

BOTTLE INDIVIDUALLY MARKED
(HEAT ENGRAVING)

- A **Datamatrix** code is a unique code engraved in production (24 figures in a 8mm x 8mm square of dots, which cannot be forged or altered)

- The clarity of the mark means that it can be scanned reliably and recognized immediately (absolute certainty as to the date and time of manufacture).

  It is applied using heat engraving which, unlike cold marking, does not cause micro-cracks

- Very discreet on the glass

- Highly aesthetic.

- Complies with recommended standards: DATAMATRIX ECC200 and ISO/IEC 16022:2006

COLD ENGRAVING
Offered by the market

HEAT ENGRAVING
by SAVERGLASS
CONTROLLING AUTHENTICITY

SAVERGLASS IDENTITY CARD

- Name: CONSTANCE
- Category: WINES
- Made: 07.23.2013
- Lot: 00178896

FOR OPTIMIZED QUALITY CONTROL

**STEP 01: GLASS MAKER**
- Composition
- Melting
- Forming
- Serialization
- Firing
- Quality control
- Identification
- Paletizing

**INFORMATION SYSTEM**

**STEP 02: DECORATION LINE**
- Depaletizing
- Id + process 1
- Id + process 2
- Quality control
- Paletizing

**STEP 03: BOTTLING LINE**
- Depaletizing
- Identification
- Filling
- Labelling
- Identification
- Paletizing

**ADVANTAGES**
- Certainty of the bottle’s source, identity and authenticity (copy detection)
- Ability to analyze causes of possible defects
- Better responsiveness in managing quality issues

**OUTLOOK**
- Each bottle identified using this method increases your traceability, improving authentication and flow control.

**SAVERGLASS DATA MATRIX MARKING SOLUTION**
- Code scanning
- Saverglass exchange portal

**HOW TO USE IT**

- **Code scanning**
- Saverglass exchange portal
THE SAVERGLASS DATA MATRIX MARKING SOLUTION MEANS

- Bottles and operations are registered in a database (from cold end to decoration...)
- Every bottle is known and tracked from the outset

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