Label Automation and Supply Chain: Meeting Global Standards

Presented by:

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Product Manager - Identification Solutions & Supply Chain Architecture
Bona Fides

- 20+ years of Experience in the Supply Chain
  - Educator, Engineer, Developer, Implementer, ...
- Helping People improve Processes using Technology
- Improving the Customer Experience by providing:
  - Barcode & RFID labelling and scanning solutions
  - Mobile applications and systems (Win/Android/iOS)
  - On-site Assessments and Process Change Management
Industry Re-Evolution

1.0
Water and steam
Mechanized production

2.0
Electric power
Mass production

3.0
Electronics and information technology
Automated production

4.0
Automation and data exchange
Digitalization

INDUSTRY v.4.0
The Benefits of Clouds and SaaS

- Total Cost of Ownership
- Shorter Time to Value
- Access to Innovation
- Ongoing vendor accountability and engagement
Our Global Supply Chain…
Is Connected By Labels
...Supported by Global Standards

SSCC
GS1.org
B-10
AIAG.org

UDI
HIBCC.org

GHS
(U.N.)
Global Labeling Standards Organizations

- AIAG.org – Automotive Industry Action Group
- GS1.org – Global Standards One (UCC + EAN)
- HIBCC.org - Health Industry Business Communications Council (UDI’s)
- UNSCEGHS - United Nations’ Sub-Committee on the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
Maslow’s Hierarchy of Needs

- **Physiological needs**: food, water, warmth, rest
- **Safety needs**: security, safety
- **Belongingness and love needs**: intimate relationships, friends
- **Esteem needs**: prestige and feeling of accomplishment
- **Self-actualization**: achieving one’s full potential, including creative activities
Basic Supply Chain

Supply
Material

Manufacturing

Distribution
Product
Global Labelling Standards

- Efficient
- Accurate
- Connected
Supply Chain Traceability

Supplier → Manufacturer → Distributor → Retailer → Consumer

MHI
THE INDUSTRY THAT MAKES SUPPLY CHAINS WORK®
Supply Chain Traceability

Track & Trace Systems

- Financial Costs
- Loss of Trust
- Legal Costs
- Loss of Market Share
- Reduced Brand Image
- Increased Oversight
- Consumer Liability
Hierarchy of Business Needs

- **BRAND**
- **LEADERSHIP:** Strategic Differentiation
- **COMMUNITY:** Revenue Growth & Partnerships
- **SAFETY:** Operational Efficiency
- **SURVIVAL:** Regulatory Compliance

Corporate Needs

Company Needs

Plant Needs
Enterprise Labelling Software

- **Corporate Needs**
  - ENTERPRISE: Optimized
  - AUTOMATED: Integration to Systems
  - CENTRALIZED: Roles, Approvals & Traceability
  - STANDARDIZED: Efficient, Data-Driven Design
  - ENTRY-LEVEL: Design, Select and Print

- **Company Needs**
  - GS1
  - Enterprise Labelling Software

- **Plant Needs**
  - Barcode
  - Integration to Systems

- **Other**
  - Make Your Business Futureproof
  - MODEX 2018
  - MHI
  - The Industry That Makes Supply Chains Work
Enterprise Labelling Software

BarTender®
Create and automate labels, barcodes and more

NiceLabel
Do more. Faster. With less.

TEKLYNX

Zebra Technologies

LOFTWARE™
ENTERPRISE LABELING SOLUTIONS

MHI.
THE INDUSTRY THAT MAKES SUPPLY CHAINS WORK®
So, What’s New?

• Labeling Across the Internet
• Improved Management Capabilities
• Integration & Scheduled Deployment
• Dynamic* Labeling
• SaaS: On-premise & Cloud
Enterprise Labeling Software

Are We There, Yet?

Optimization occurs when software maximizes its potential, offering the best that it is capable of doing.
Global Labeling Standards

• Efficient
• Accurate
• Connected
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Takeaway

Business Needs

- **BRAND**
- **LEADERSHIP:** Strategic Differentiation
- **COMMUNITY:** Revenue Growth & Partnerships
- **SAFETY:** Operational Efficiency
- **SURVIVAL:** Regulatory Compliance

Corporate Needs

Company Needs

Plant Needs
Labeling Software

**ENTRY-LEVEL:** Design, Select and Print

**STANDARDIZED:** Efficient, Data-Driven Design

**CENTRALIZED:** Roles, Approvals & Traceability

**AUTOMATED:** Integration to Systems

**ENTERPRISE:** Optimized

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**Make Your Business Futureproof.**

**Corporate Needs**

**Company Needs**

**Plant Needs**

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**Takeaway**
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#SupplyChainGeek

Or visit MODEX Booth 1526