



Workshop: How to automate and serialize processes using SAP AutoID Infrastructure and SAP Mobile

# Automation, serialization, and traceability for companies running SAP

- Learn how leading automotive companies have implemented SAP AutoID Infrastructure to improve KANBAN and other production related processes.
- Learn how some leading pharmaceutical and Consumer Products companies have serialized on item and case level several product lines using SAP AII, RFID UHF passive tags and / or 2D barcodes.
- Learn about challenges of serialization for Consumer Products and Beverage companies on the packaging line and in the distribution centre.
- Learn how the SAP Object Enterprise Repository and the new PTA features (Product Authentication) can be used to meet track & trace requirements.



## Automation

Automation leads to increments in efficiency and to reductions in errors. Some leading automotive companies have been able to automate the KANBAN process via the SAP AutoID Infrastructure. Replenishment of materials now takes place now automatically in real time, without delays and errors and totally in the background.

## Serialization & Traceability

In the light of upcoming and existing laws that require unique serialization and submission of electronic records to supply chain partners pharmaceutical manufacturers need now to adapt their IT Systems and business processes on time for compliance. For example, the California e-pedigree law requires all sales units of prescription products to be uniquely serialized and electronic records to be submitted to supply chain partners by January 2011. Today this applies only to medicines. In the near future this will affect to consumer products and beverage companies in the same way.

The workshop is co-hosted by Movilitas and other leading technology partners (SAP, Motorola, Zebra and LRS) has three primary target groups:

- 1 IT responsables from discrete manufacturing industries where KANBAN is used in the production lines (e.g. automotive companies)
- 2 IT responsables from Consumer Products, Beverage and Pharmaceutical companies in which traceability and serialization will become main compliance areas within the next years.

This experts Workshop will also demonstrate live how SAP standard software and other infrastructure technologies are used by different manufacturing industries (automotive, pharmaceutical and consume products / beverage companies) for track & trace and automation purposes.

**Welcome on the 10<sup>th</sup> of July in Prague!**

## Agenda


### Introduction

**9:30**            **Welcome of Participants**  
Movilitas LogCentre Reception Area


**9:55**            **Welcome and Introduction**  
*Dawood Hla Shwe, Movilitas LogCentre Director, Prague*

### Key Notes — Overview Case Studies


**9:55**            **Track & Trace for Pharmaceutical Companies with SAP AutoID Infrastructure (SAP AII)**  
— Current status of the law in California, Turkey and other countries  
— Track & Trace example global implementation at Novartis with SAP AII on item level  
— Current processes after implementation of RFID/ 2D on item level in the Packaging Line and in the Distribution Centre  
— Lessons learned and outlook  
*Movilitas, Alberto Zamora, Principal Consultant for Mobile and Track & Trace*




**10:30**            **Track & Trace for Consumer Products and Beverage Companies**  
— Metro & Walmart current requirements  
— Is serialization really fundamental for traceability in the CP & Beverage sector?  
— Sample implementations from the fish and meat industry  
*Trace Tracker, Ulrich Heindl, COO*



**11:00**            **Automation in KANBAN and in Inbound /Outbound processes with SAP AII**  
— What can the KANBAN process be automated and which are the advantages?  
— How can you automate outbound and inbound logistics processes in your manufacturing plants?  
— Sample of KANBAN automation at a leading German automotive OEM  
— Sample of Outbound / Inbound automation at a mid-size German Automotive Supplier  
— Lessons learned and Outlook  
*SAP Consulting, Michael Habermüller, SAP Principal Consultant for Automation and SAP AII*



**11:30**            **Infrastructure: mobile/fix readers, mobile/fix printers for Barcode and RFID and Output Management Software to manage automation and track & trace scenarios**  
— Fix and mobile devices for reading 1D, 2D and RFID UHF / HF tags or barcode labels  
— Stationary or mobile printers for 1D, 2D or RFID UHF label printing  
— Output Management to ensure 100% operations of your printers in the Distribution Centre and Manufacturing Plant  
*Motorola Enterprises, Sramko Marian, Country Representative*  
*Zebra Technologies, Roman Sedivy, Country Representative*  
*LRS, Michaela Schmidt, Country Representative*



**12:45**            **Lunch**  
Finger Food in the Movilitas LogCentre

During lunch the participants will be able to test, touch and see some infrastructure technologies related to Track & Trace and Automation scenarios in the exhibition area. The following technologies will be demonstrated live in demo pods: RFID/2D barcode devices from Motorola, RFID and 2D printers from Zebra, Secure taping solutions from Cypak, Output Management Solution from Levi, Ray & Shoup etc.


**Since not all workshops are relevant for all participants (Workshops are industry specific), the attendees to the event can visit our infrastructure teams any time during the Hands-On Workshops in the Showroom of the Movilitas LogCentre.**

## Hands-On Workshops

13:45 **Hands-On Workshop I**  
**Business Process 1 — Track & Trace for Pharmaceuticals**  
**“How to use and how to implement SAP Auto ID Infrastructure standard software to cover the Track & Trace requirements in the Pharma industry”**  
*Moderator: Alberto Zamora, Movilitas, Principal Consultant*

*In the Packaging Line:* purchasing and applying RFID or 2D barcode to individual sales packs can be a cost intensive activity in your track & trace implementation. At the same time you want to ensure that the impacts to packaging line operations are as limited as possible. Whatever solution is being used for this purpose it should be integrated with the existing line automation solution to ensure effective communications and operations. in the objective of this workshop is to identify a generic business process for packaging which is valid for all packaging companies present in the workshop.


*In the Distribution Centre:* here is where some of the advantages of the serialization can be obvious. Through the automated packaging thanks to 2D or RFID technologies, you can improve current processes in your Distribution Centers and avoid picking and delivery errors whilst increasing the visibility of your warehouse and deliveries by implementing your track & trace strategy.



14:45 **Coffee Break**

15:00 **Hands-On Workshop II**  
**Business Process 2 — Track & Trace for Consumer Products and Beverage**  
**“What do Metro and Wal-Mart require? Do you need serialization to covert current and future Track & Trace requirements in the CP & Beverage Industry?”**  
*Moderator: Ulrich Heindle, Trace Tracker, COO*

Trace Tracker helps CP and Beverage companies to comply with current and future legal requirements without obligation CP and Beverage customer to undergo the expensive process of full serialization of sales units. This workshop will present software and procedures used to ensure this.




16:00 **Coffee Break**

16:15 **Hands-On Workshop III**  
**Business Process 3 — Automation for Automotive (KANBAN, Inbound / Outbound)**  
**“Learn how to use SAP AII to automate KANBAN, Inbound and Outbound Delivery processes at automotive first, second and third tier suppliers and at automotive OEMs”**  
*Moderator: Michael Habermüller, SAP Consulting, Principal Consultant*

*Two live scenarios will be demonstrated in this workshop:*

- 1) How to automate the KANBAN scenario and automatically trigger real time replenishment KANBAN processes integrating the physical world via the SAP AutoID Infrastructure with the ERP world (SAP ERP)
- 2) How to automate Inbound and Outbound processes in an integrated landscape with SAP ERP



## Face to Face Meetings in the expert tables

17:15 Each participant will have the possibility to meet face to face in a private interview a number of providers for track & trace infrastructure technologies (20 minutes schedule per interview). This gives you the possibility to discuss your particular business needs and to get answer you specific questions. The schedule of the appointments will be prepared during the lunch and coffee breaks.

18:00 **End of the Workshop**



**Partners**

**Our network of experts**

**LRS**

LRS is a privately held company with corporate headquarters located in Springfield, Illinois. Remote offices are located throughout the United States and in key geographic regions around the world. More than half of the Fortune 500 and Fortune 500 Service companies rely on industry-leading LRS solutions, with products in use in over 30 countries. Gartner and other analyst groups recognize LRS as a global IT leader. Software Magazine consistently ranks LRS as one of the top 200 software companies in the world.



**Movilitas LogCentre**

We help you to understand how it works. We have put in place a platform that will allow you to leverage on a rich partner ecosystem: vendors and buyers, developers and users, service providers and customers meet in the Movilitas LogCentre platform. They all use it for information exchange, research, development and prototyping, testing and proof of concepts.



**Movilitas Consulting**

Movilitas Consulting is the leading company worldwide for implementation of RFID and mobile solutions at companies with SAP backend systems.



**Motorola**

Motorola's enterprise mobility business is a leader in enterprise wireless infrastructure (WLAN), field network solutions, bar code scanning, RFID solutions and network design and management software, including security applications. Motorola offers the broadest array of innovative products and technologies that address the entire spectrum of enterprise mobility needs from the shop floor to the corner office, providing workers with access to information out in the field, in the factory, at PoS checkouts, at a patient's bedside and throughout the supply chain.



**SAP**

Founded in 1972 as Systems Applications and Products in Data Processing, SAP is the recognized leader in providing collaborative business solutions for all types of industries and for every major market. Serving more than 41,200 customers worldwide, SAP is the world's largest business software company and the world's third-largest independent software provider overall.



**Zebra**

Zebra Technologies is a leading global provider of rugged and reliable specialty printing solutions, including on-demand thermal bar code label and receipt printers and supplies, plastic card printers, RFID smart label printer/encoders, certified smart media, and digital photo printers. With the most recognized brand in the automatic identification industry and the most complete product line, Zebra solutions are used by more than 90 percent of Fortune 500 and global 2000 companies to improve business processes, increase productivity, and strengthen security. Over five million Zebra printers have been sold worldwide.



## Registration

**Please register by e-mail [logcentre@con4pas.com](mailto:logcentre@con4pas.com)**

**or fax this form to +420 261 393 212**

**With this form I submit the binding registration to the workshop "Automation, serialization, and traceability for companies running SAP" on July 10<sup>th</sup>, 2008 at the Movilitas LogCentre in Prague.**

Company

Surname

Given name, title

Street

ZIP code, city

Country

E-Mail

Phone

Fax

Date

Signature

Position

Department

## Organized by

### Movilitas Consulting AG

Im Technologiezentrum Mafinex

Käfertaler Strasse 164

68167 Mannheim, Germany

E-mail: [info@movilitas.com](mailto:info@movilitas.com)

Web: [www.movilitas.com](http://www.movilitas.com)

## Event location

### con4PAS, s.r.o.

Novodvorská 1010/14

140 00 Praha 4, Czechia

E-mail: [logcentre@con4pas.com](mailto:logcentre@con4pas.com)

Web: [www.con4pas.cz](http://www.con4pas.cz)

## Further information

Mr Alberto Zamora

Tel. +49 (0) 170 287 66 14

[alberto.zamora@movilitas.com](mailto:alberto.zamora@movilitas.com)



## Arrival by car

By car best exit the E55 at "Videnska" and follow the 605 to the polyclinic. Turn right into "V Stihlach" and follow it to the end. Then turn right into "Libuska". Alternatively take the exit "Vrboda" and follow Novodvorská street to the roundabout. Take the third exit into Durychova street.

## Arrival by plane

From the Prague Airport Ruzyně you should take a taxi to the LogCentre. By taxi you will arrive in about 30 minutes time.