

# Curriculum and training materials

Basic Data	
First member connected	September 5, 2000
UCC Academic Director	Prof. Dr. Klaus Turowski
UCC Executive Director	Stefan Weidner
UCC Technical Manager	André Faustmann

Members	
Universities	190
Colleges	134
Community Colleges	19
Vocational Schools	126
Others	7
Total	476

Lecturers & Students	
Registered Lecturers	3,738
Students working on SAP systems	appr. 97,000



Last update: January, 2016

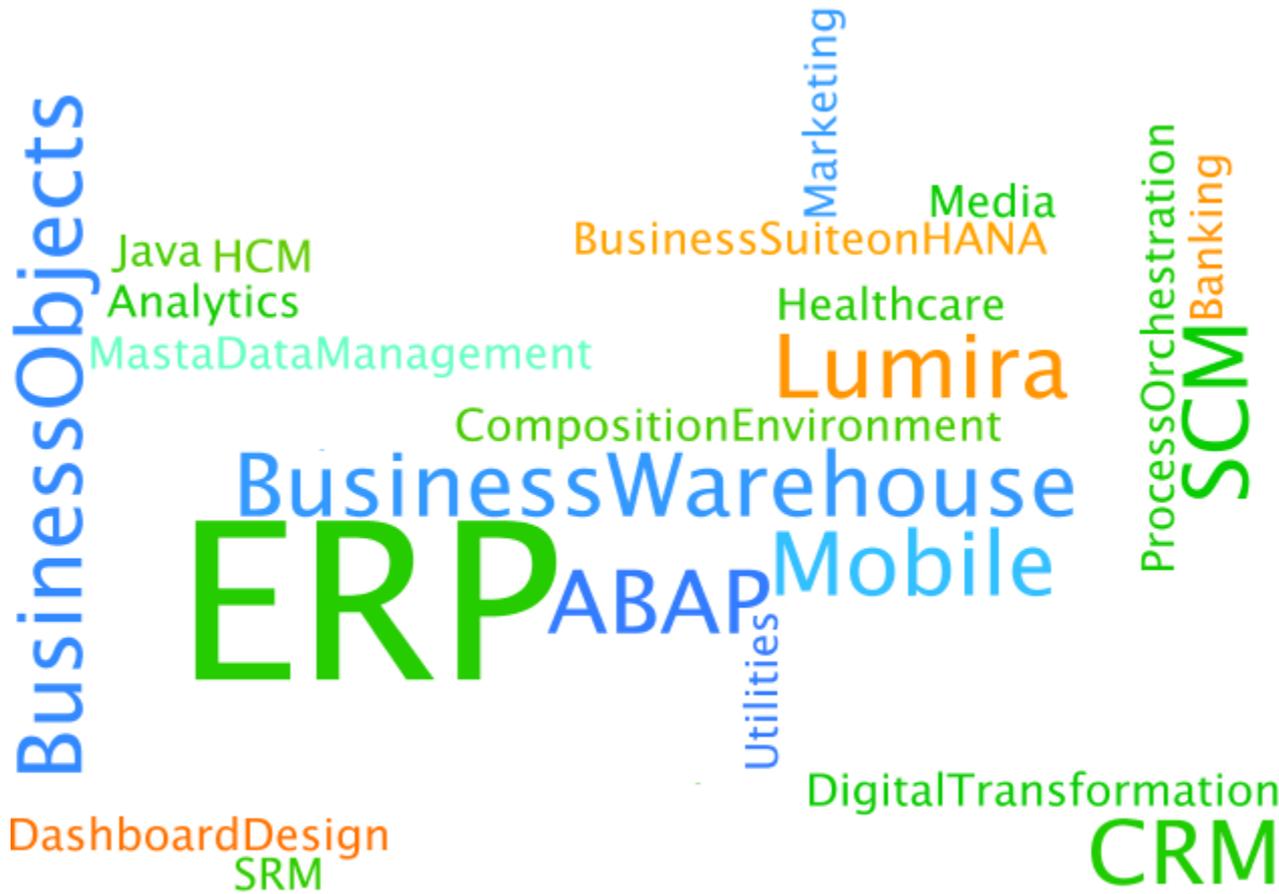
- Operation of SAP UCC Cloud Platform
- High-availability and IT Incident Management
- Basis Services
- Support and trouble-ticket processing
- Providing information and software downloads
- Developing and conducting UA training courses  
[...]

## BusinessWarehouse ERP

# Growing diversity



# Growing diversity





- SAP ERP:
  - Sales and Distribution, Material Management, Production Planning [...]
- SAP SCM
  - Network Planning
  - [...]
- SAP CRM:
  - Marketing, Sales, Service
  - Fiori
  - [...]
- Other Applications:
  - Retail, IS-H, Solution Manager



# Curriculum Example

## Business Processes and Applications

**SAP University Alliances**  
**Authors** Bret Wagner, Stefan Weidner

**Product**  
 SAP ERP 6.0 EhP8  
 Global Bike Inc.

**Level**  
 Beginner

**Focus**  
 Cross-functional integration  
 Sales and Distribution

**Version**  
 3.0

**Last Update**  
 June 2016

**SAP University Alliances**

**EXERCISE**

**SD 1: Display Customer Master Data**

**Time** 10 Min.

**Company History**

**Task** Get to know the company's history.

**Time** 15 min

**LECTURER NOTES**

**DATA SHEET**

**Sales and Distribution (SD) Case Study**

**Master Data**

Search term Customer (The Bike Zone)	###
Material (Deluxe Touring Bike (black))	DXTR1###
Material (Professional Touring Bike (black))	PRTR1###

**Organizational Units**

Company Code (Global Bike Inc.)	US00
Plant (Miami)	M100
Storage Location (Finished Goods)	FG00
Sales Organization (US East)	UE00
Distribution Channel (Wholesale)	WH
Division (Bicycles)	BI

**Employees Involved**

David Lopez	East Rep. Miami
Maria Diaz	Sales Person 1
Matthias Dosch	Sales Person 2
Sandeep Das	Warehouse Supervisor
Sergey Petrov	Warehouse Employee
Stephanie Bernard	Billing Clerk
Jamie Shambhain	Cost Accountant

**Transaction Codes**

Customer Create	XD01
Customer Change	XD02
Contact Person create	VAP1
Contact Person change	VAP2
Contact Person display	VAP3
Customer Change (Sales and Distribution)	VD02
Create Sales Order	VA01
Change Sales Order	VA02
Display Sales Order	VA03
Create Inquiry	VA11
Change Inquiry	VA12
Display Inquiry	VA13
Create Quotation	VA21
Change Quotation	VA22

**Product**  
 SAP ERP  
 G.B.I.  
 Release 6.07

**Level**  
 Instructor

**Focus**  
 Sales and Distribution

**Author**  
 Stefan Weidner

**Version**

**Notes**

Integrated order-to-cash-process. **Time** 75 Min

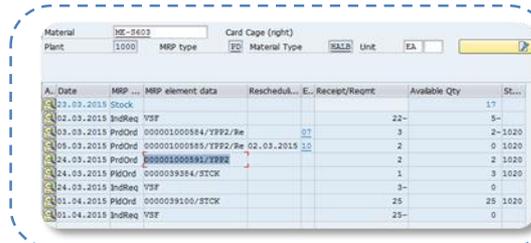
In this study *Sales and Distribution*, you should be able to profit from your new initiative, which promises increased profit. A single position can be marked as Free of charge on this need to expand the rights of your company. You can release cross-division orders for the company. Please order five mountain bikes for men and women in the Bike Zone. Since The Bike Zone is a long-term customer, please order a mountain bike and an additional discount.

In this study *Sales and Distribution*, you are allowed to solve this advanced task without support to test.

# Curriculum example

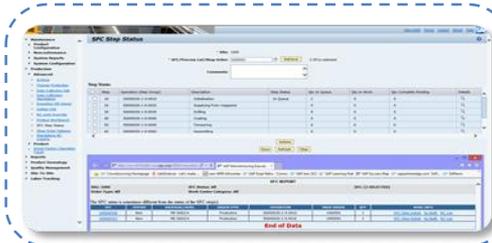
## Complex scenarios – Industry 4.0

SAP ERP

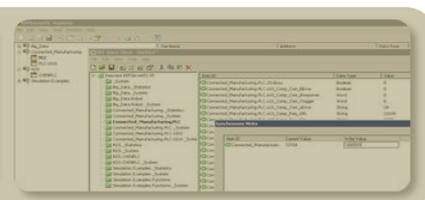
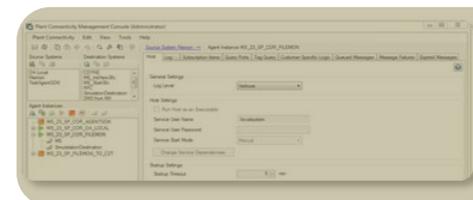


A. Date	MRP ...	MRP element data	Reschedu...	E. Receipt/Reornt	Available Qty	St...
21.03.2015	STOCK				17	
02.03.2015	IndReq	YSF			5-	
03.03.2015	PrdOrd	000001000584/YPF2/Ra	07		2-3020	
05.03.2015	PrdOrd	000001000584/YPF2/Ra	02.03.2015 10		2	0 3020
24.03.2015	PrdOrd	000001000585/YPF2			2	2 3020
24.03.2015	PrdOrd	0000039384/STCK			1	3 3020
24.03.2015	IndReq	YSF			3-	0
01.04.2015	PrdOrd	0000039100/STCK			25	25 3020
01.04.2015	IndReq	YSF			25-	0

SAP ME+MII



SAP PCo +  
Kepware-Server

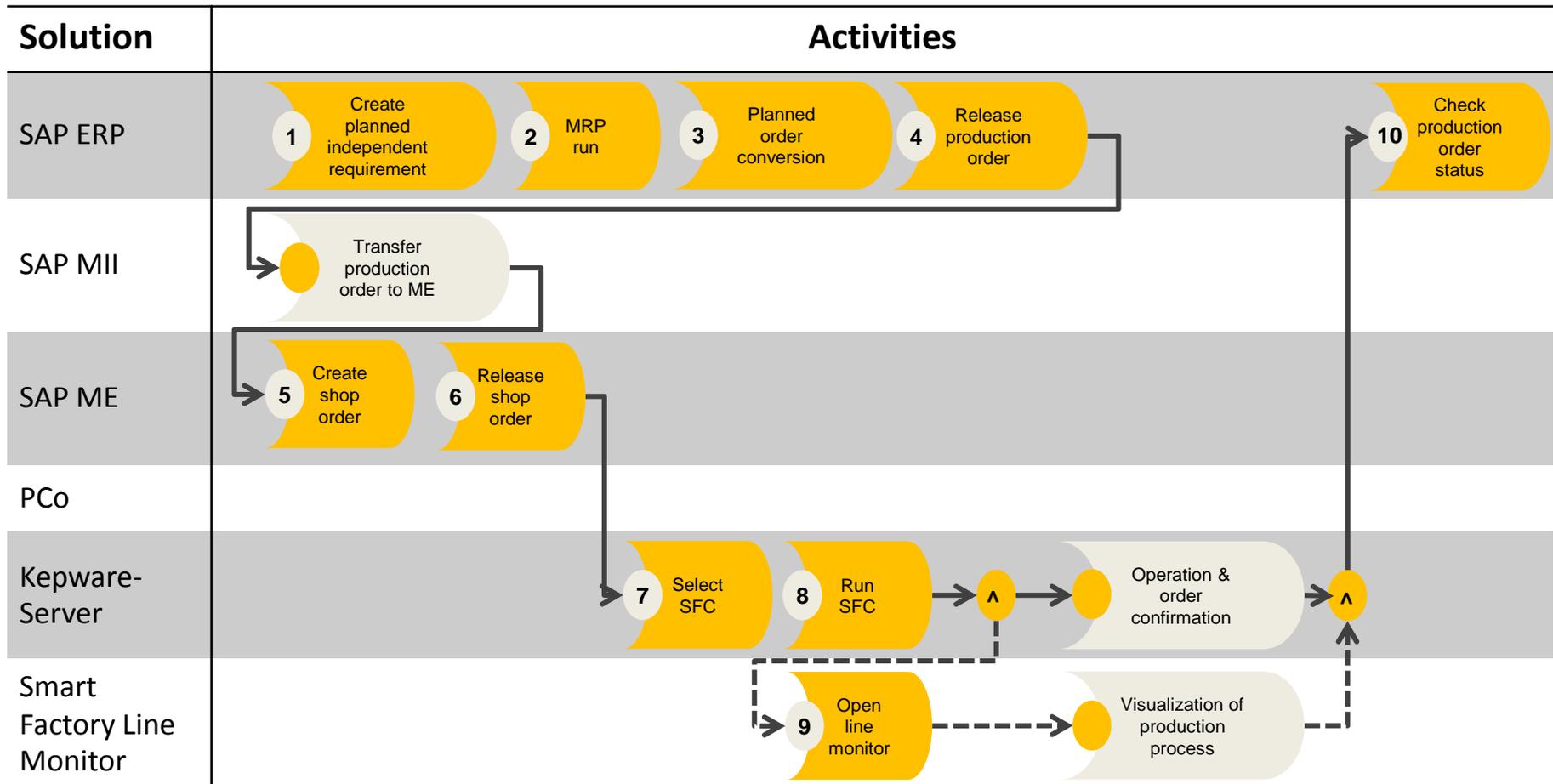


SAP RDS based  
Smart Factory  
Line Monitor



# Curriculum example

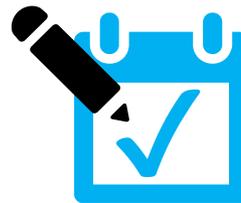
## Complex scenarios – Industry 4.0



# Build something – Know how to use the tools!



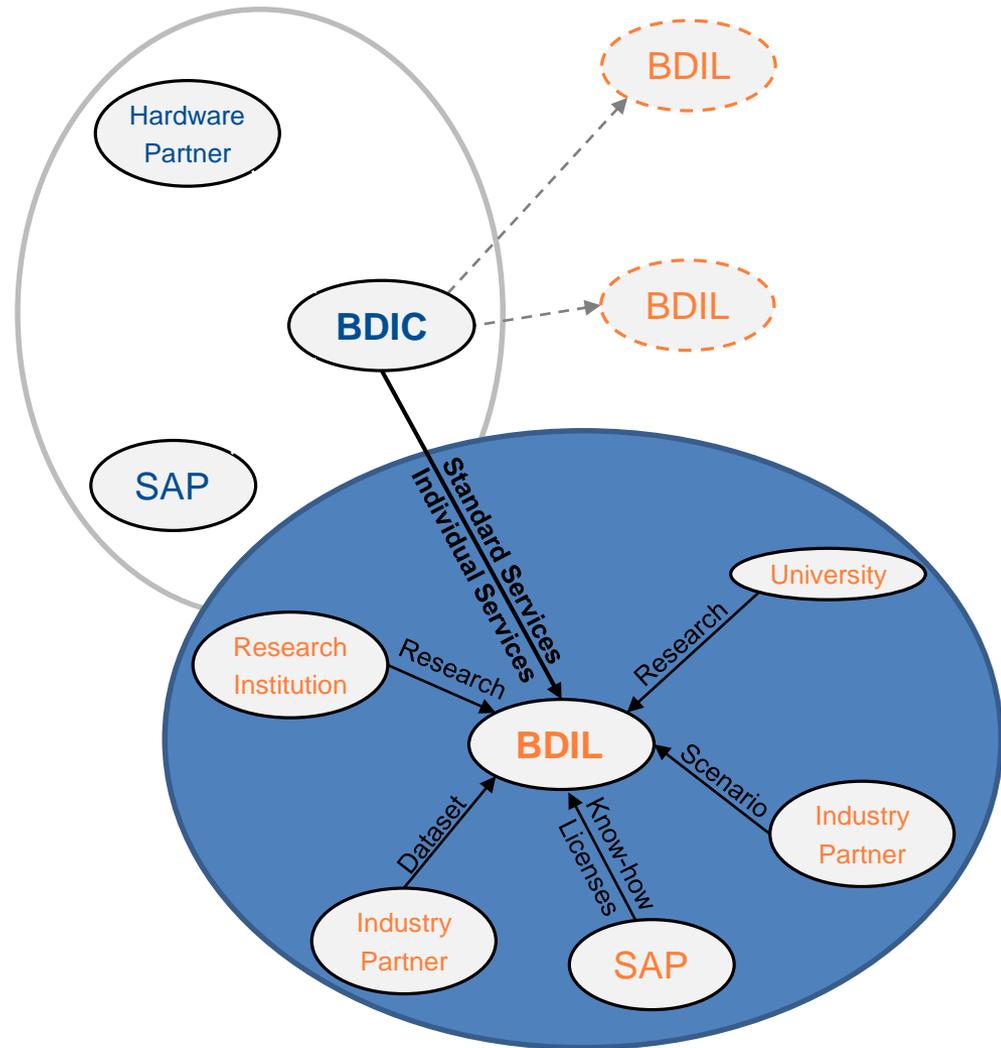
- **Extract-Transform-Load (ETL) Data load**
- **Data Modeling on SAP HANA**
- **Data Visualization**
- **Development on SAP HANA**
- **Data Mining using SAP Predictive Analytics**
- **Text Analytics - Sentiment Analysis on Twitter Data**
- **Geospatial Analysis**
- **Fiori**
- **[...]**



# Big Data Innovation Initiative

## General BDIC – BDIL Ecosystem

- SAP University Alliances evaluates and approves Big Data project proposal at existing or new Big Data Innovation Lab (**BDIL**)
- Big Data Innovation Center (**BDIC**) analyzes Big Data project, sizes and calculates system landscape
- Industry partners provide scenario and real Big Data dataset to **BDIL**
- **BDIC** and SAP support with know-how
- **BDIL** drives Big Data co-innovation in projects together with its partners



{Learn}



{Create}



{Innovate}

# Thank you!



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