

FUTURE OF THE AUDIT (I.E., INVENTORY)

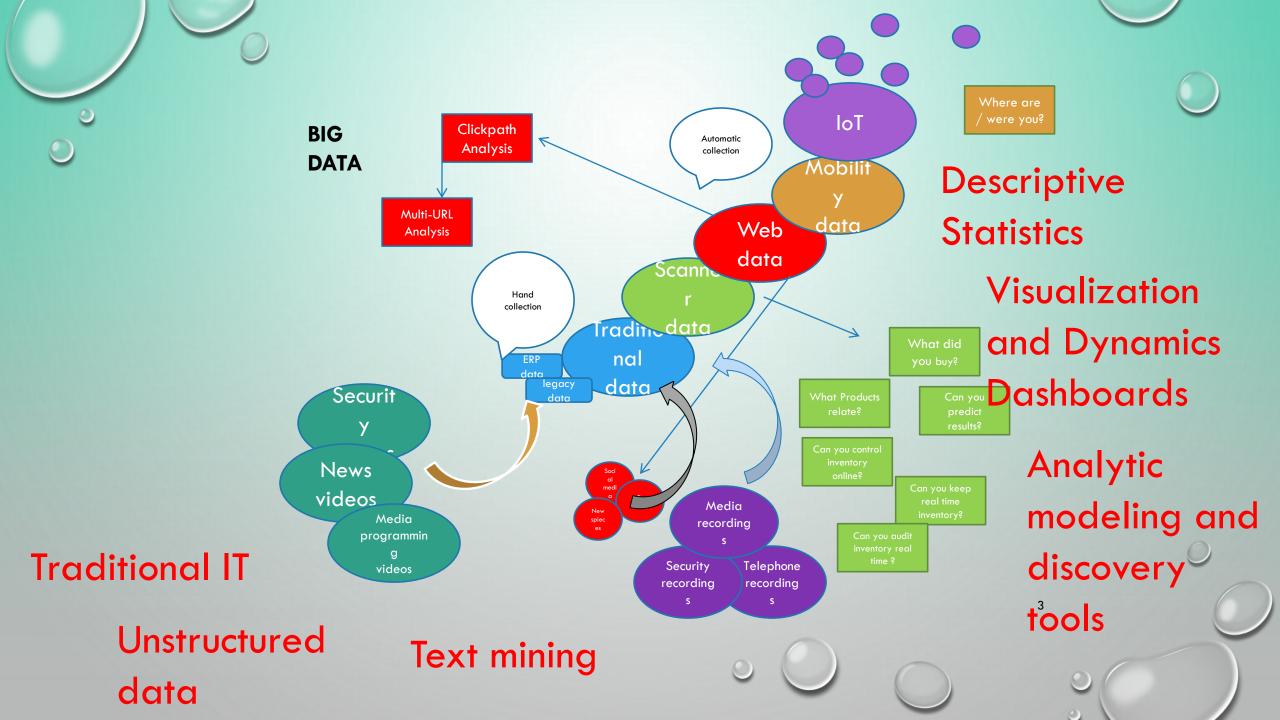
LOOKING AHEAD (IMAGINEERING)

MIKLOS A. VASARHELYI

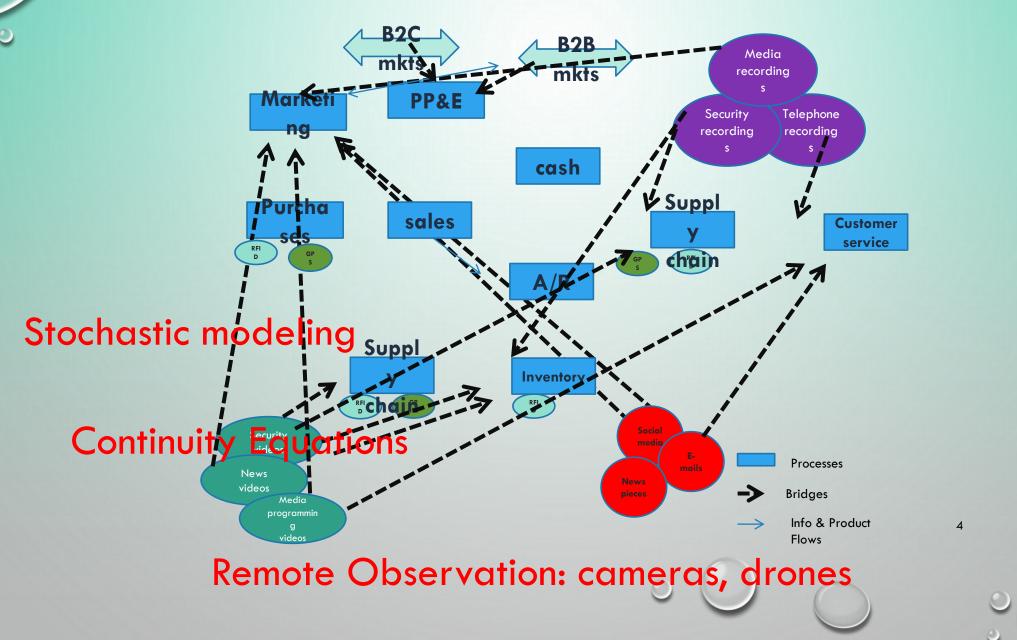
KPMG DISTINGUISHED PROFESSOR OF AIS

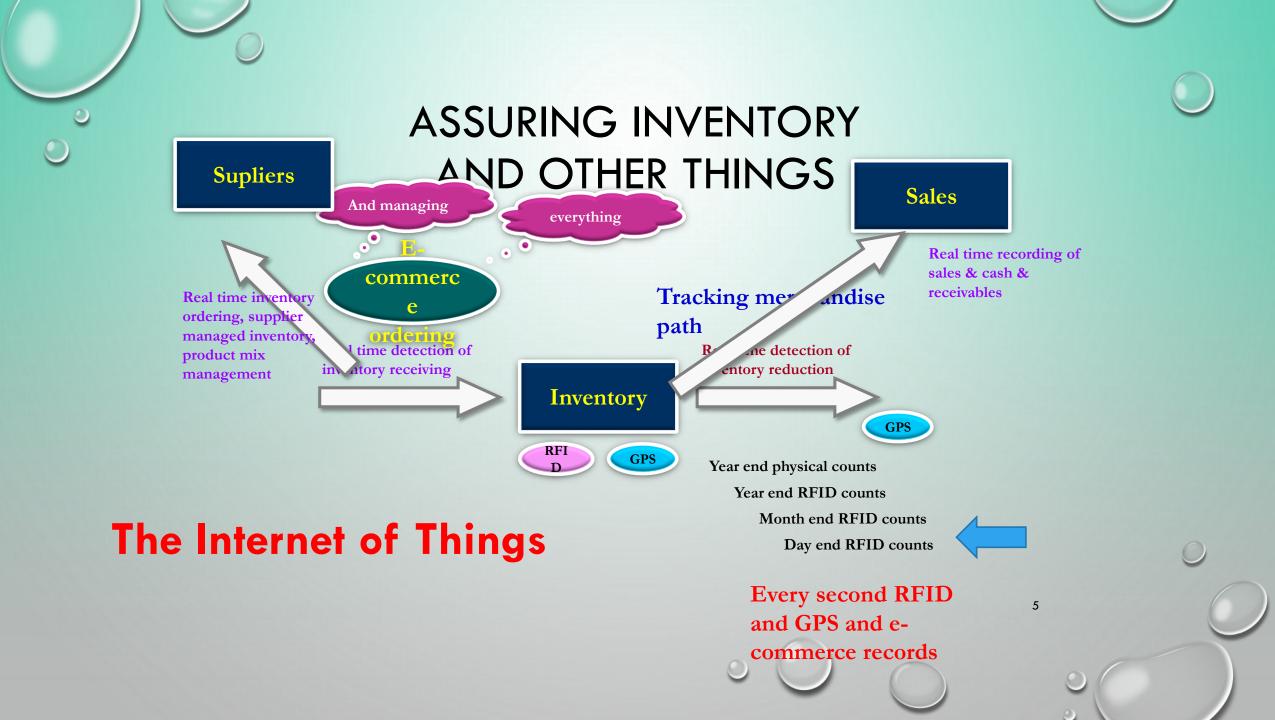
AUDIT SECTION MIDYEAR MEETING - ARIZONA - JANUARY 16 2016

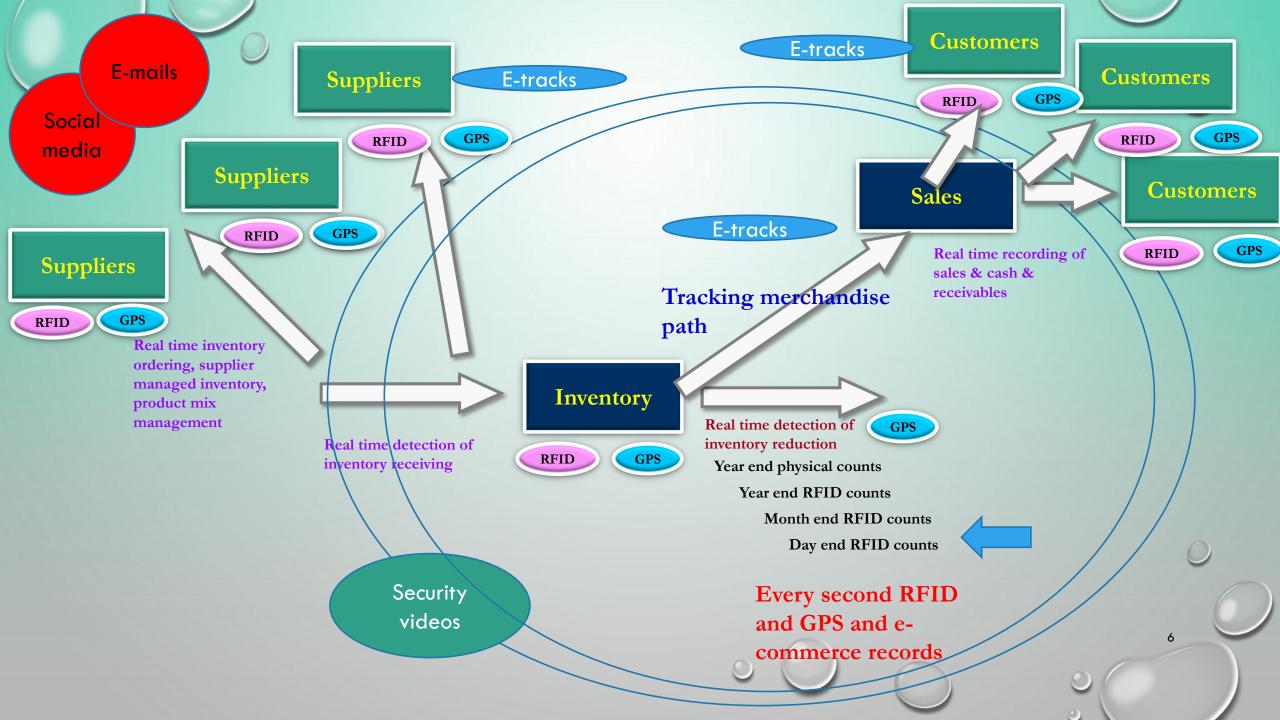
2



New Methods of Business Measurement









INDUSTRY 4.0

0

- INTEROPERABILITY
- VIRTUALIZATION
- DECENTRALIZATION
- REAL-TIME CAPABILITY
- SERVICE ORIENTATION
- MODULARITY

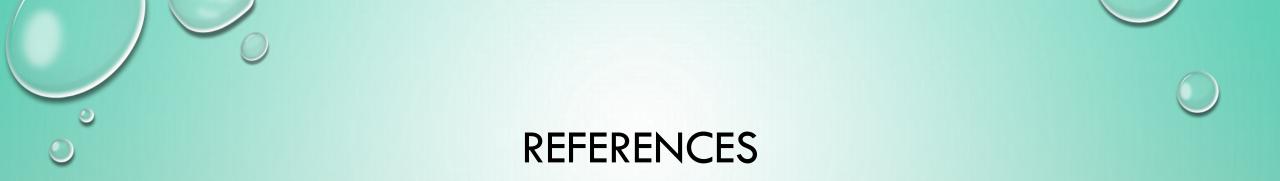
DEVICE INFORMATION GATHERING

- LOCATION
- IDENTIFICATION
- ADDITIONAL CONTENT
 - TEMPERATURE
 - PRESSURE
 - MOVEMENT
- DERIVED RELATIONSHIP
 - COMPANY (WHO WAS WITH WHOM)
 - SPEED
 - INTENTIONS
 - FACE RECOGNITION
 - DEFECT DETECTION



INDUSTRIAL REVOLUTIONS

- 1. INTRODUCTION OF THE FIRST MECHANICAL PRODUCTION FACILITIES SECOND HALF OF 18TH CENTURY
- 2. ELECTRIFICATION AND DIVISION OF LABOR (TAYLORISM) 1870+
- 3. DIGITAL REVOLUTION (1970 +++) ADVANCED ELECTRONICS AND INFORMATION TECHNOLOGY DEVELOPED FURTHER PRODUCTION PROCESSES
- 4. FACTORY 4.0 INTEGRATING: INTERNET OF THINGS, INTERNET OF SERVICES, CYBER PHYSICAL SYSTEMS, SMART FACTORY



 HERMAN, PENTEK & OTTO, DESIGN PRINCIPLES FOR INDUSTRIE 4.0 SCENARIOS: A LITERATURE REVIEW; WORKING PAPER NO. 01/2015 TECHNISHE UNIVERSITAT DORTMUND.

• FORGET ABOUT PRIVACY.... ITS GONE.... FORTUNATELY YOU ARE NOT VERY INTERESTING

• TECHNOLOGY GIVETH TECHNOLOGY TAKETH







Introduction to Audit Analytics:

https://www.youtube.com/playlist?list=PLauepKFT6DK8nsUG3EXi6IYVX0CPHUngj

Special Topics in Audit Analytics:

https://www.youtube.com/playlist?list=PLauepKFT6DK-PpuseJtSMIly-YBhaV4TH

Information Risk Management:

https://www.youtube.com/playlist?list=PLauepKFT6DK8uxePhPCoHjDf8_DlhRtGS_

	by Rutgers Web • 26 videos • 145 views • Last updated on Jun 5, 2015				
BIG DATA	► Play all < Share		+ Save		
1 WATCHED Special Topics in by Rutgers Web					
2 Special Topics in by Rutgers Web	Special Topics in Audit Analytics: Week 1-(Lecture 3: The Audit Ecosystem) by Rutgers Web				
3 Special Topics in Audit Analytics: Week 1-(Lecture 4: Audit Data Standard) by Rutgers Web					
4 Special Topics in by Rutgers Web	4 Special Topics in Audit Analytics: Week 2-(Lecture 2) by Rutgers Web				
5 Special Topics in by Rutgers Web	5 Special Topics in Audit Analytics: Week 3-(Lecture 1- Hypothesis Testing) by Rutgers Web				
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7 Special Topics in by Rutgers Web	Special Topics in Audit Analytics: Week 3-(Lecture 3 : Confidence interval) by Rutgers Web				
8 Special Topics in by Rutgers Web	Special Topics in Audit Analytics: Week 3-(Lecture 4 -Two sample test) by Rutgers Web				
Special Topics in	Special Tonics in Audit Analytics: Week 3-(Lecture 5: two dependent sample test)				



