





## **Jan Vink**

Patient Safety and Barcode Scanning in the Operating Theatre







### Background

- University Medical Centre (one of 8 in NL: 60 years young)
- Focus areas: Cure-Education-Research (international level)
- OR-procedure
- Turnover > \$
- Largest emplo
- 9.000 employ
- 3.000 studer
- 1.000 beds

**200** (excl. interventional treatments)

# Ambitious environment in a changing world



New hospital building with full centralised IC and OR-facility





#### **Challenge: back office activities**







#### **Observations interventional dept.'s and OR**

- Value internal stock unknown
- Traceability problems (expiry date lot numbers recall)
- Abundance of barcodes and applications
- No integration between push and pull
- Depending on knowledge lease

aff members

We cannot continue!

What are the

preparation - expiry date - lot numbers)







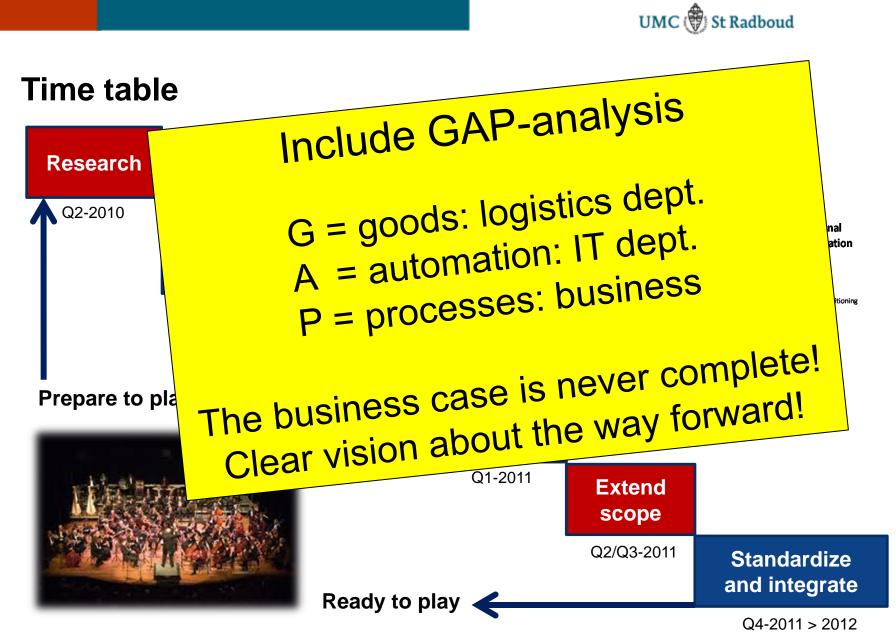
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#### Realisation

3 stepping stone principalis: Step 1: Structure internal organisation Step 2: Renewal techniques and procedures (lean) atient safety (quality = sou Step 3: Apply innovative and processing the second process and integration of the second process and





The global language of business



#### The current state JMC () St Radboud Rem zoeken Operatie k SIGRA HP FEALA NUTRINOVTON Herbrushball stiel Actief Automated in ST system (one dimensional barcoding) • INSTR MENTER sompliant standard GS1-standa Introduce GS1 Standard TT-442/TE00002088 Barcoding • Lade5, Kast12, Steriele dienst1, OK-ORT 1011-02-23 14:21 One-time Harmonize and simplify: 1. Internal logistical processes External supply chain connections áin hnology





#### **Target 2012**

- Introduce Q-system (ISO9001: 20 ۲
- •
- •
- One off: impression (30sep11): Results YTD (30sep11): Eli 375.000 articles available 4.594 articles registered (80/20) • 22.998 unique items identified
- Incl Total value assets \$ 9.500.000 •

UMC 🛞 St Radbo Besteladvies

AVG price per item \$ 410 Departments involved: 21

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