

15th LIBER Seminar
Madrid 14.-16.4.2010

Use of RFID Technology in Libraries: panacea or pain?

Dr. Frank Seeliger

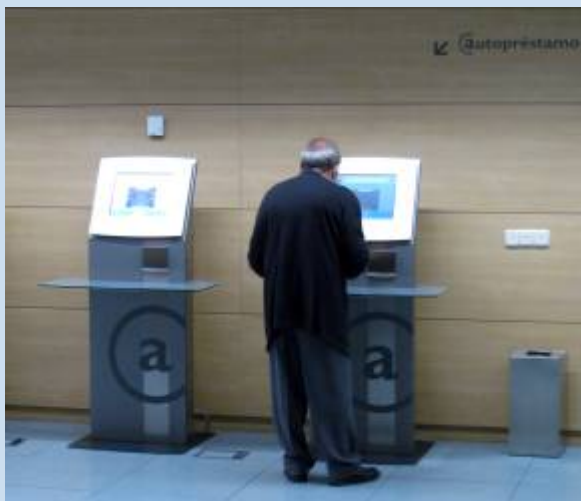
What can I tell you about RFID?



AIDA CENTRE
RFID SOLUTIONS

PROYECTO RFID (Biblioteca Tomás
Navarro Tomás - CSIC)
Identificación, etiquetado e integración
del nuevo fondo bibliotecario del CSIC

Formación: BiblioCirculationTool



Buscar en la INI

Biblioteca T. Navarro Tomás

Catálogos | Biblioteca Virtual | Bases de datos | Revistas electrónicas | Acceso PAPE | DIGITAL-CSIC | Webmail | Tinet

Inicio > Formación > Guías y manuales > Formación sobre RFID

Formación sobre RFID

- Introducción a la tecnología RFID
- BiblioCirculation Tool
- BiblioCellCheck
- BiblioReturn
- La tecnología RFID aplicada a bibliotecas: La experiencia de la Biblioteca Tomás Navarro Tomás

CSIC

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Recommended RFID-Publications for Librarians

BIC e4libraries project

A Guide to RFID in Libraries

by Simon Edwards and Mick Fortune
November 2008

The Complete RFID Handbook

A Manual and DVD
for Assessing, Implementing,
and Managing Radio Frequency
Identification Technologies
in Libraries

Diane Marie Ward

RADIO FREQUENCY IDENTIFICATION HANDBOOK for LIBRARIANS

CONNIE K. HALEY
LYNNE A. JACOBSEN • SHAI ROBKin

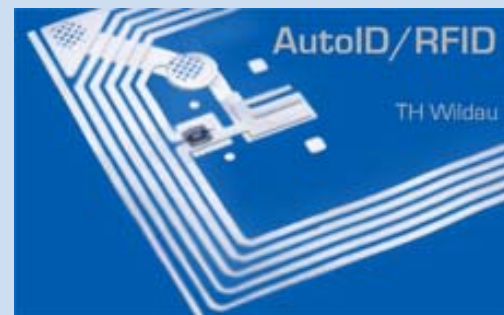
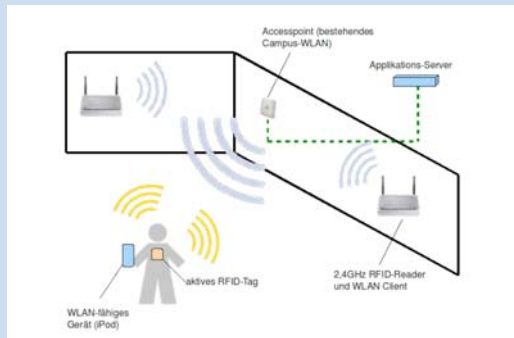
implementing **RFID** in libraries

MARTIN PALMER

Background to speak here and Contents



1. Provenance
 2. listed Hall no. 10
 3. RFID-Apps: iCampus
 4. RFID
- experiences
problems
pitfalls
developments



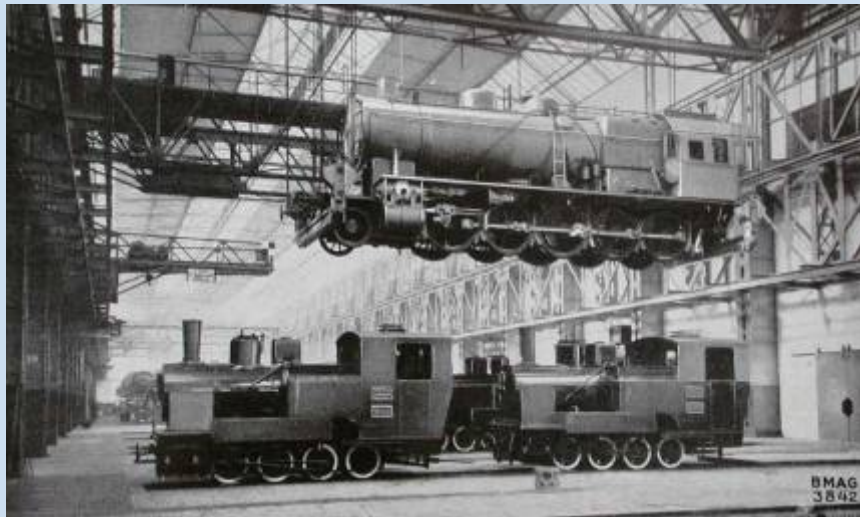
Facts about our Campus on the Dahme-river

- ca. 4.000 students und 250 members of staff
- **3 Faculties with course degrees in follow sections:**

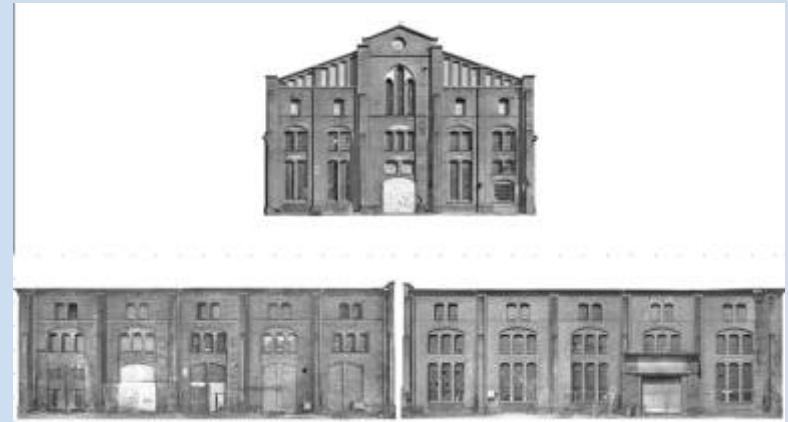
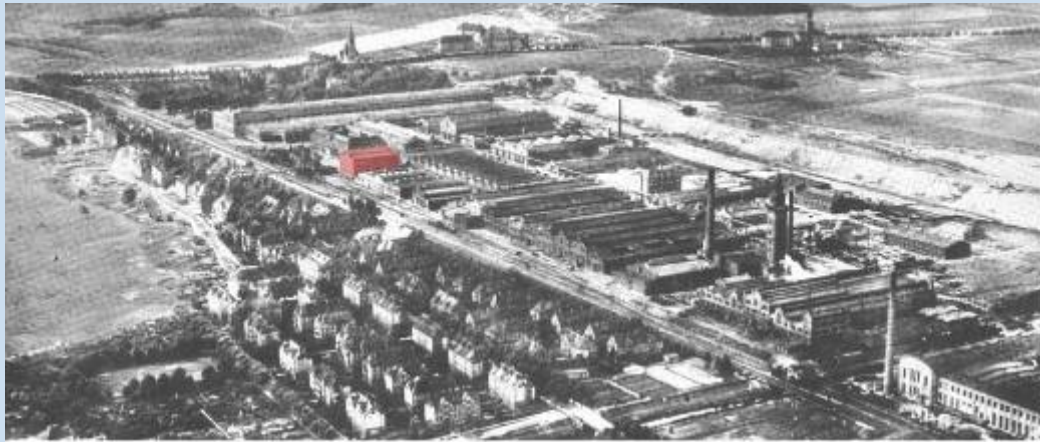
Logistic, Telematic, Photonics, Bioinformatics/Biosystems
Engineering, Aviation Engineering, Industrial Engineering,
Business Administration,
Business Computing,
European Management
Physics



Old Factory of Locomotives



Hall no. 10 in the starting point



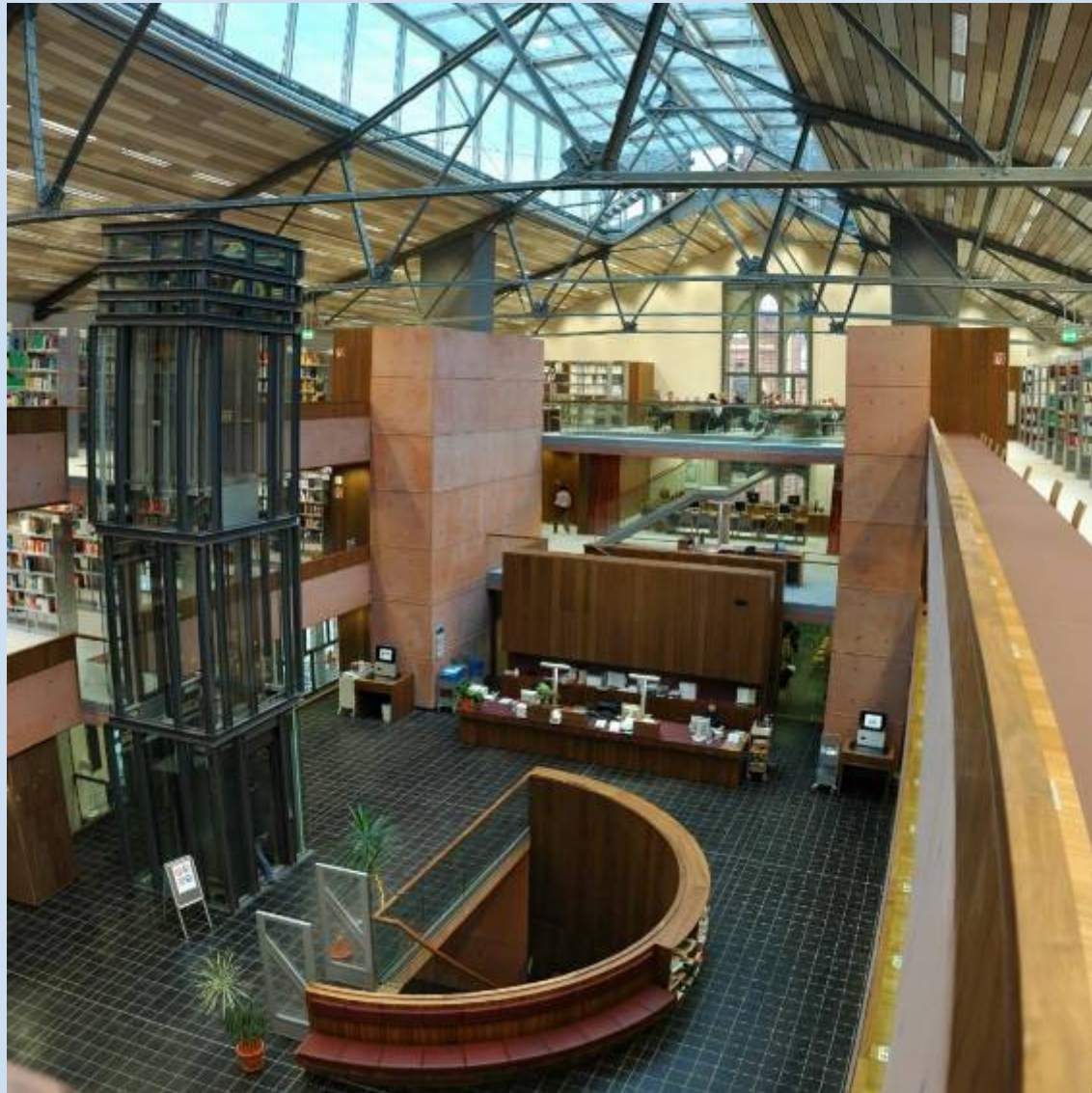
Outside view: A metamorphosis



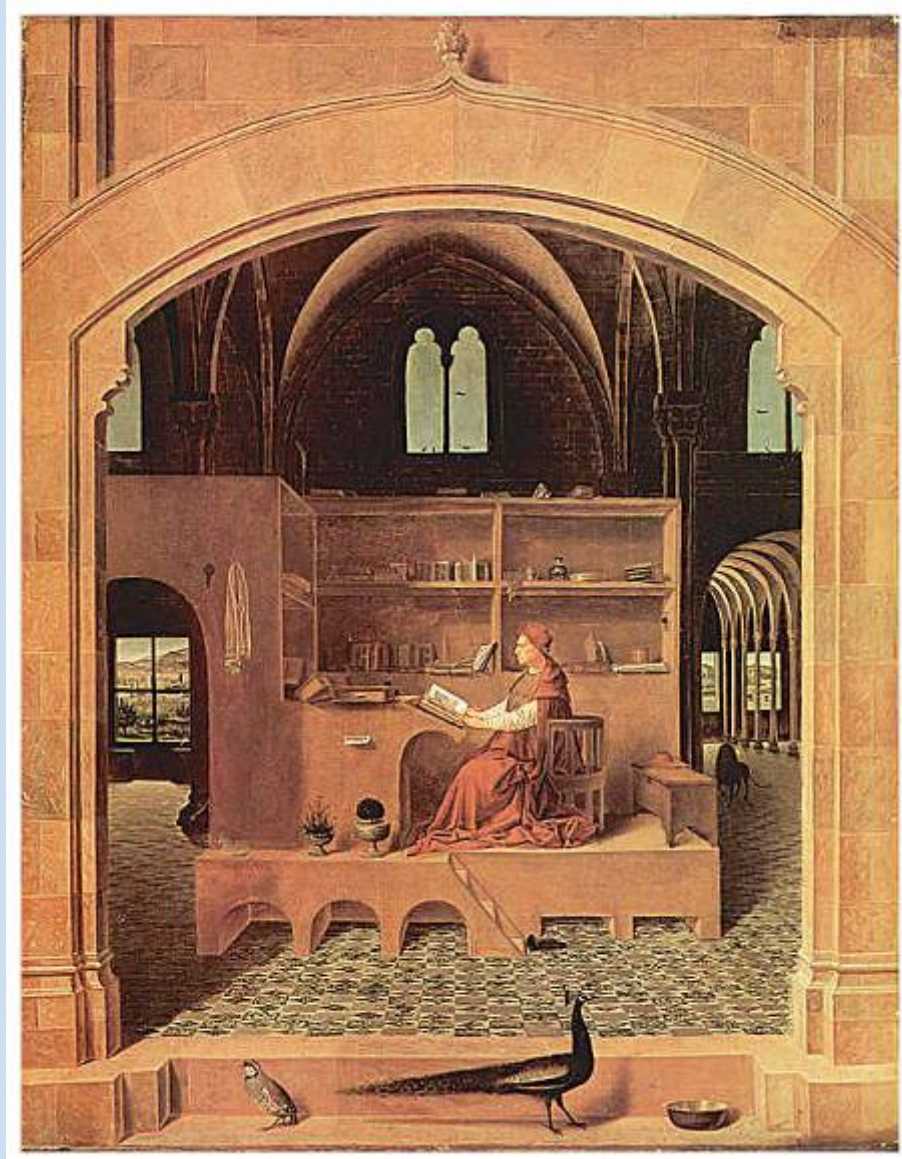
Outside view: The new face



Interior view



The archetype or the idea behind the spaces

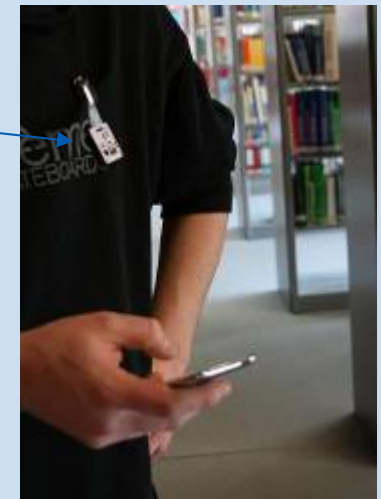
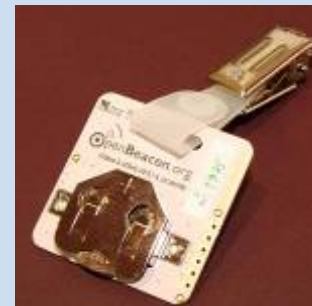
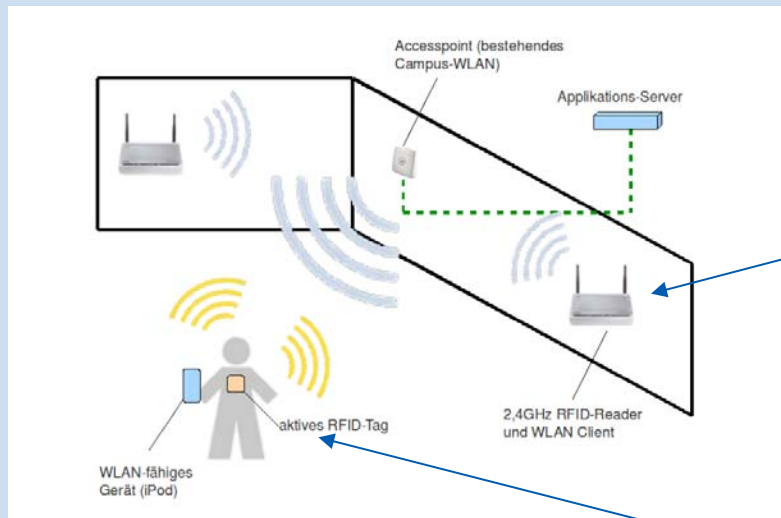


iCampus goes library – Advantages of using a multimedia guide in a library, step 1



iCampus goes library –

Advantages of using a multimedia guide in a library, step 2



Off label use? No. 1

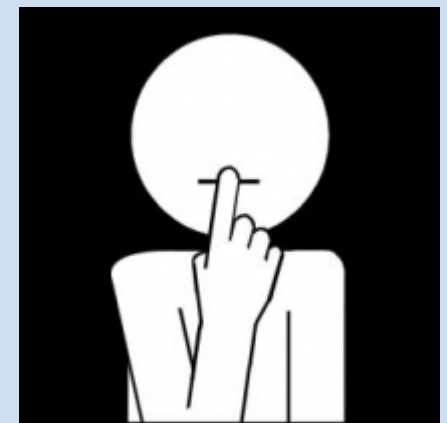
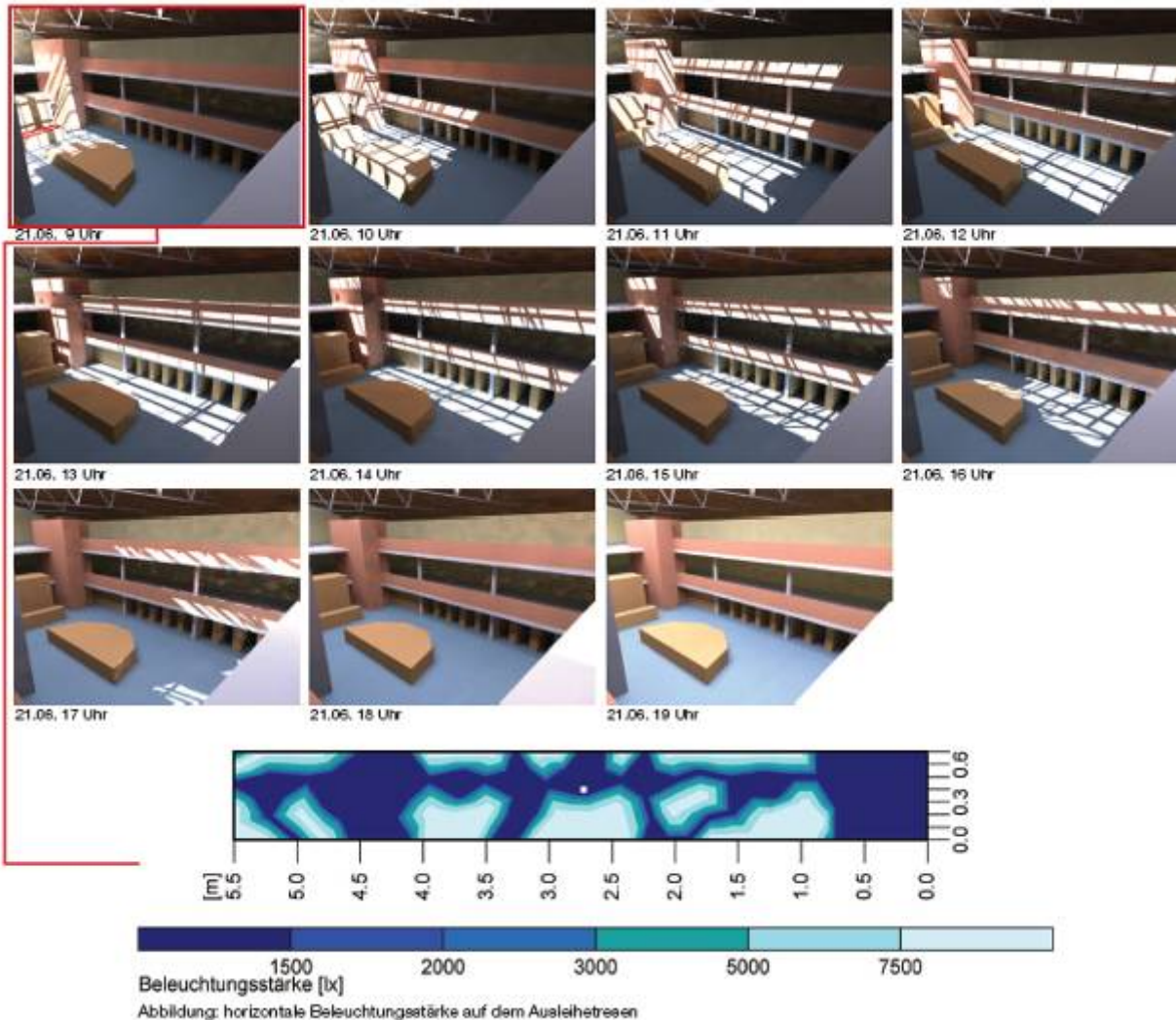


Off label use? no. 2

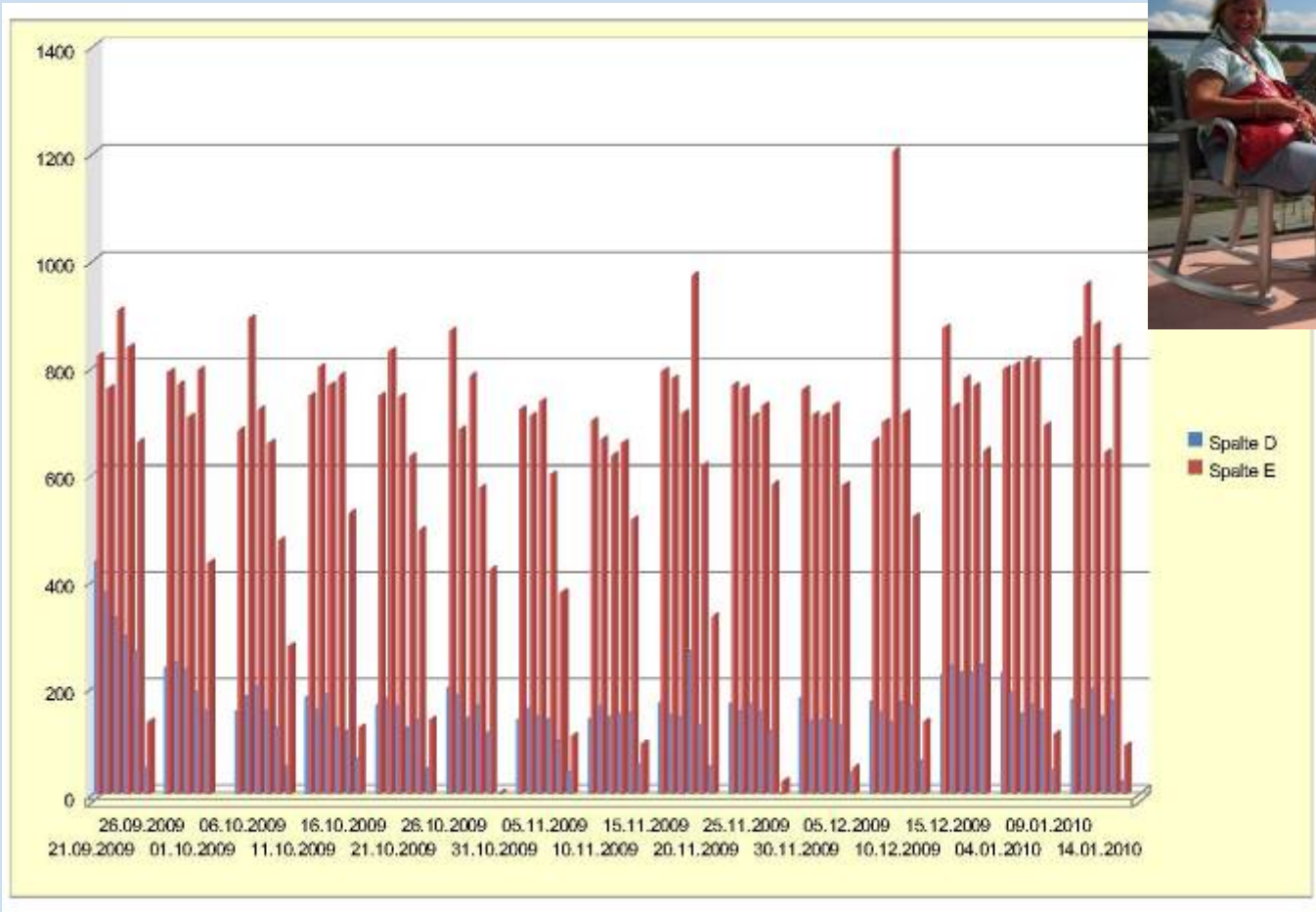


➡ Or not, see Guadalajara

Two main trouble spots: dazzle and noise



Library usage: loan, learn, lifestyle



RFID – a blockbuster for libraries?



Survey by Mick Fortune:
self-service is still clear
favourite in RFID apps



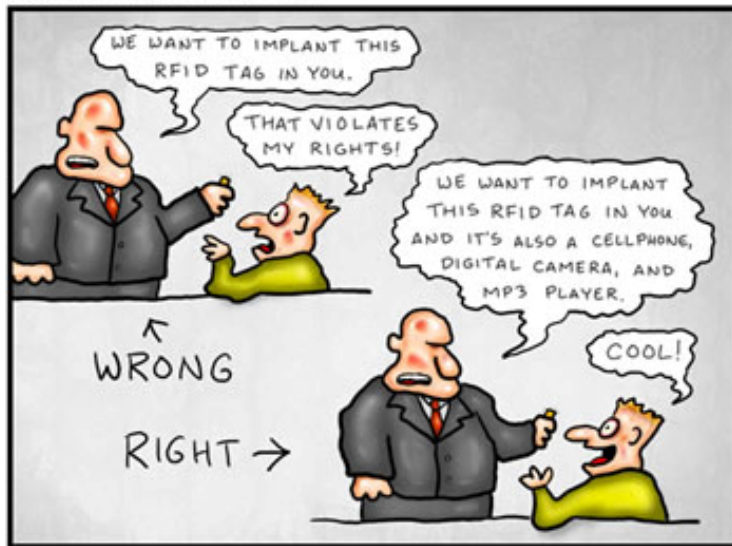
Today over 2.500 libraries are using RFID
(Tetyczka, NXP)

Ca. 250 in Germany

170 in UK (planners/users 54/116)

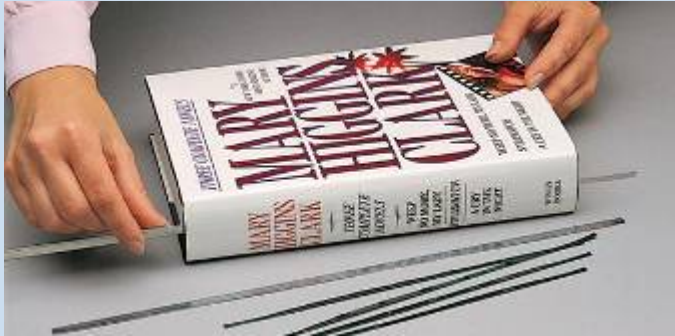
DOCTOR FUN

16 Jan 2006

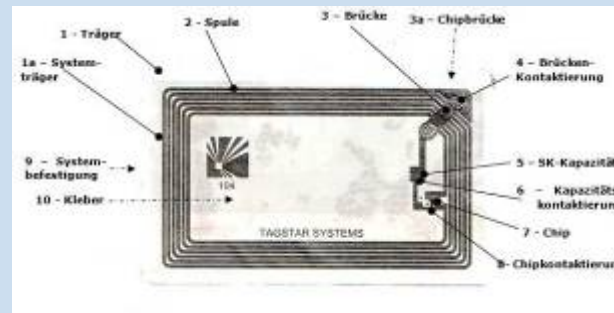


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<http://ibiblio.org/Dave/drfun.html>
This cartoon is made available on the Internet for personal viewing only. Opinions expressed herein are solely those of the author.

Changing times for RFID: Smart Labels and limits



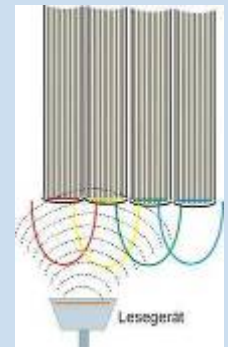
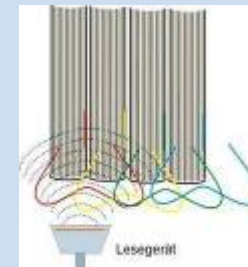
„data-on-network“
vs.
„data on tag“



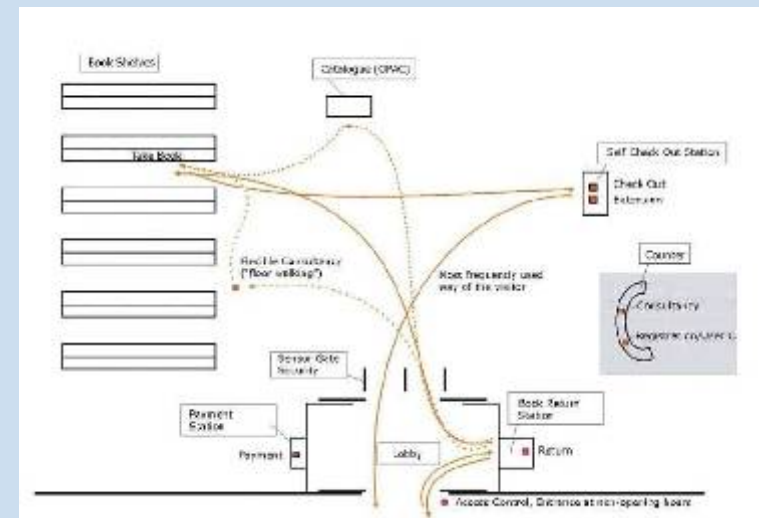
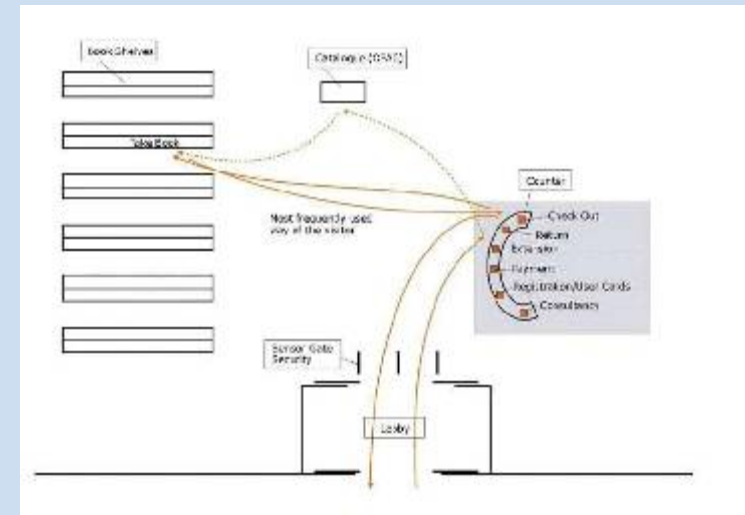
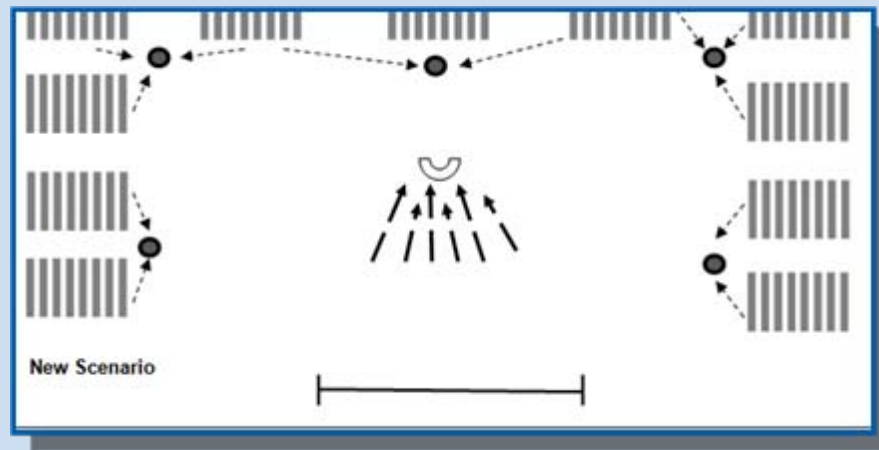
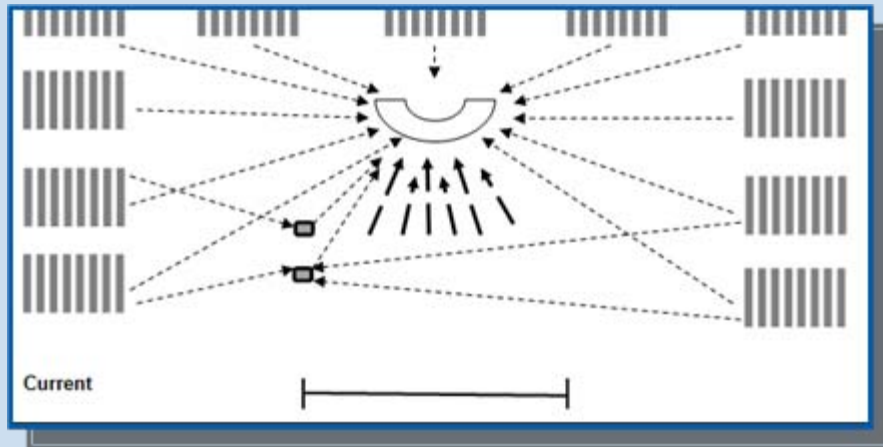
Typical workflows and pitfalls with RFID



LibBest Library RFID Management System



New ways with do-it-yourself services



Some trends with UHF

Tetyczka/NXP:

UHF is a great technology for retail, but for the specific library read point still are still mature solutions missing



City University of Hongkong:
No sign that HF RFID system outperforms UHF RFID System

- tests with UHF/HF (passive tags, publisher)
- usability/men-maschine interaction (seminar)
- networking/knowledge exchange/projects with other adopters/users
- Round Tables (quality, debug, standards)
- navigation in real time to our services and books

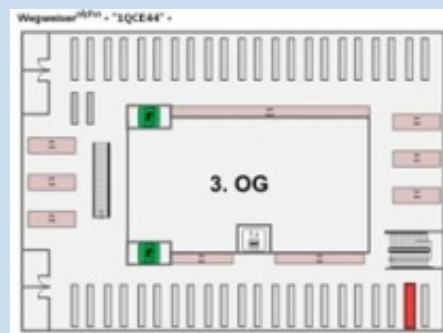


Image problem even haunts hi-tech libraries



Outlook: British Library predicts

switch to digital by 2020

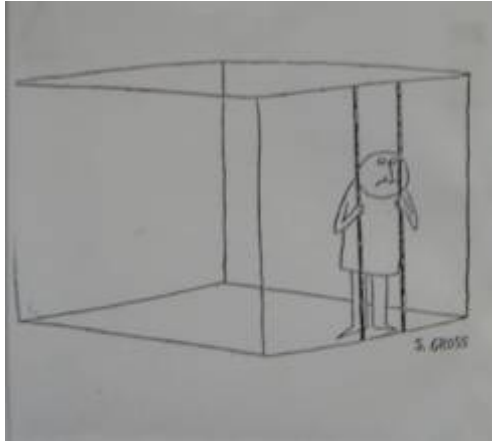


Survey 2009/10 UK: RFID public libraries overtaking the universities as the main users



Lynne Brindley (CEO, British Library, 2005)

„Most people are aware that a national switch to digital broadcasting is expected by the end of this decade. Less well known is the fact that a similar trend is underway in the world of publishing: by the year 2020, 40% of UK research monographs will be available in electronic format only, while a further 50% will be produced in both print and digital. A mere 10% of new titles will be available in print alone by 2020. „



Technische
Hochschule
Wildau [FH]
*Technical University
of Applied Sciences*

1. Thank you for your attention and
2. let us think together in new ways!

