



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



LIGUE DES BIBLIOTHÈQUES EUROPÉENNES DE RECHERCHE
ASSOCIATION OF EUROPEAN RESEARCH LIBRARIES

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?



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 | Tnet

Inicio > Formación > Guías & manuales > Formación sobre RFID

Formación sobre RFID

- Introducción a la tecnología RFID
- BiblioCirculation Tool
- BiblioSelfCheck
- BiblioPetum
- La tecnología RFID aplicada a bibliotecas. La experiencia de la Biblioteca Tomás Navarro Tomás

CSIC | Bibliotecas | Estadísticas | Mapa | RSS | Contacto | Sugerecias

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

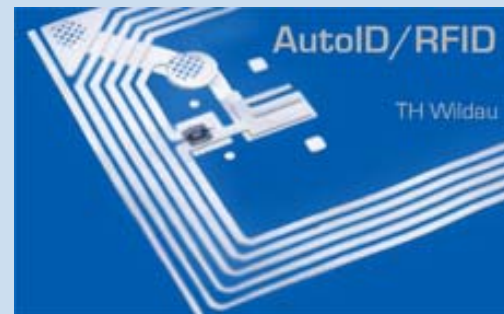
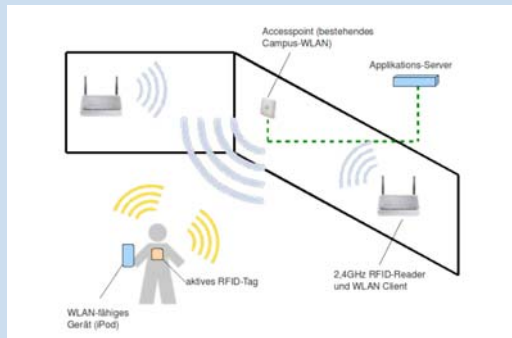
implementing **RFID** in libraries

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



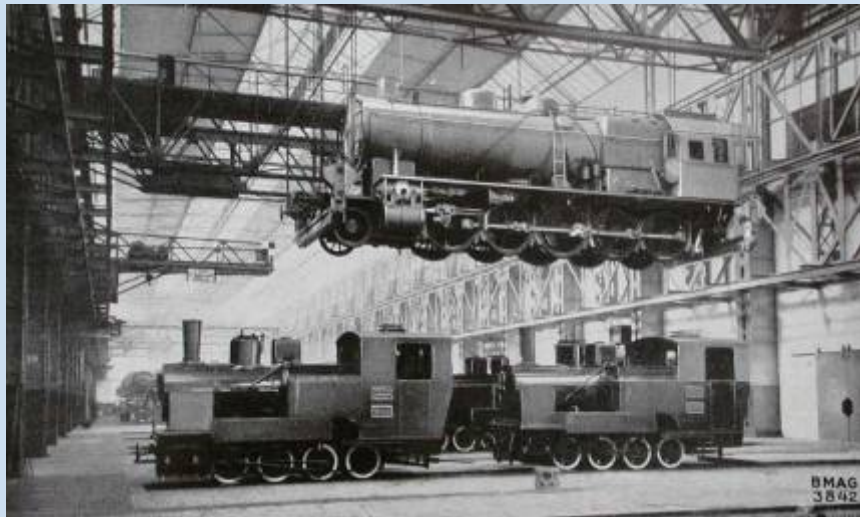
Facts about our Campus on the Dahme-river

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

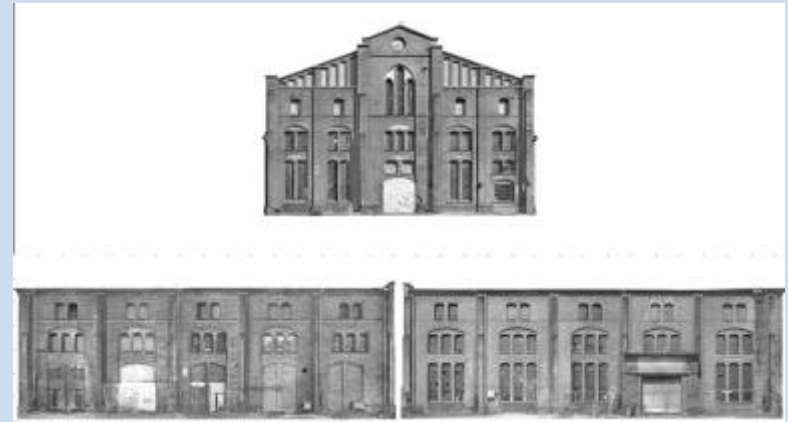
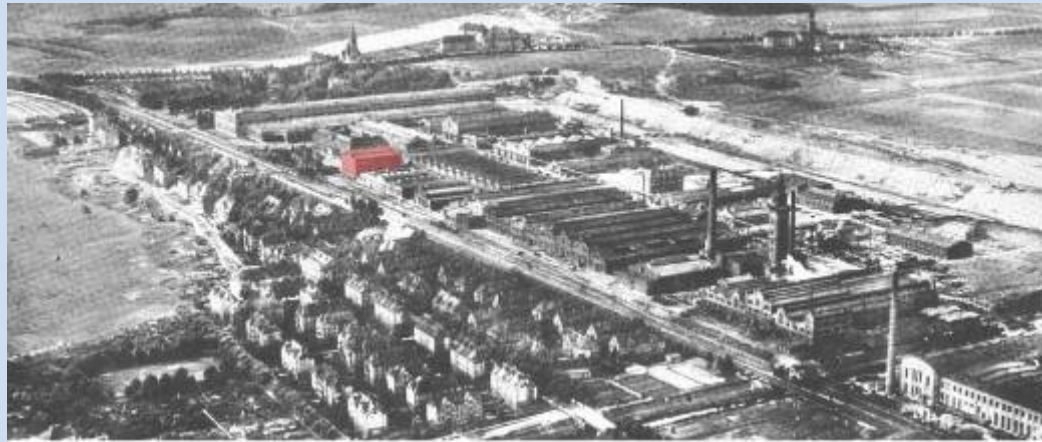
Logistic, Telematic, Photonics, Bioinformatics/Biosystems
Engineering, Aviation Engineering, Industrial Engineering,
Business Administration,
Business Computing,
European Management
Physics



Old Factory of Locomotives



Hall no. 10 in the starting point



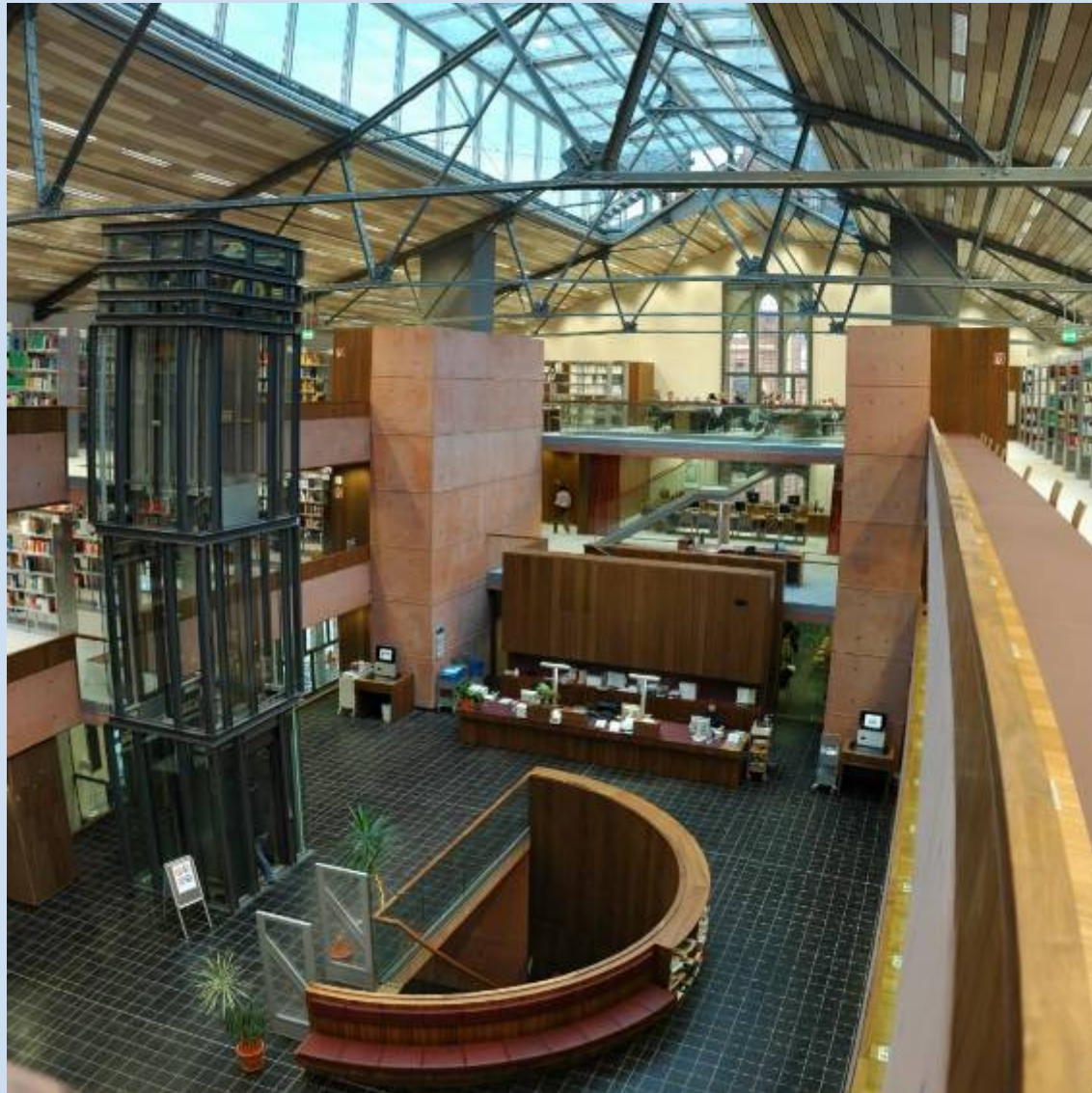
Outside view: A metamorphosis



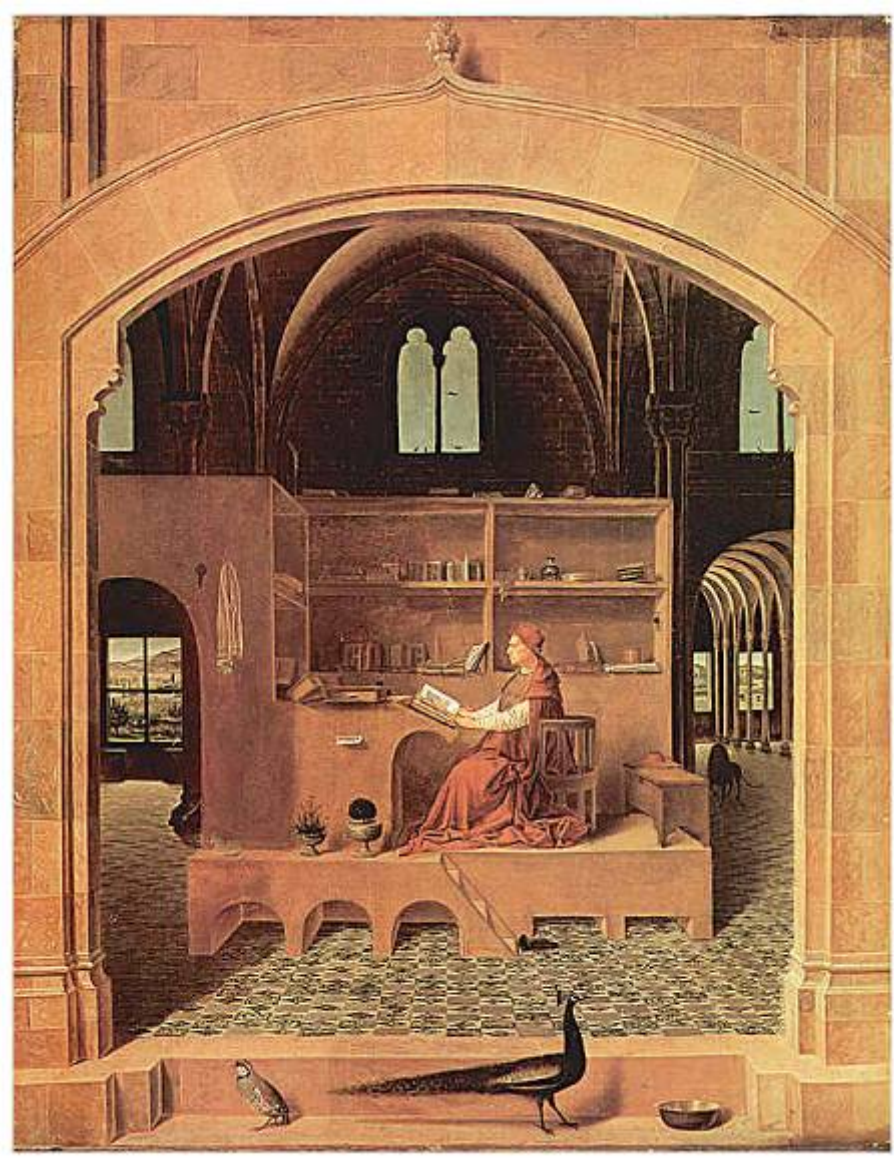
Outside view: The new face



Interior view



The archetype or the idea behind the spaces

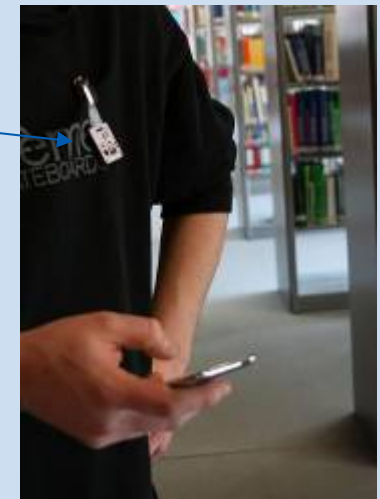
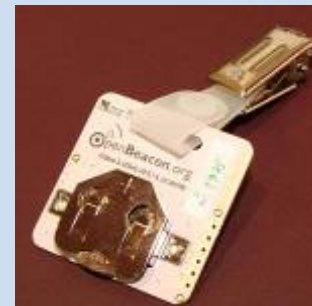
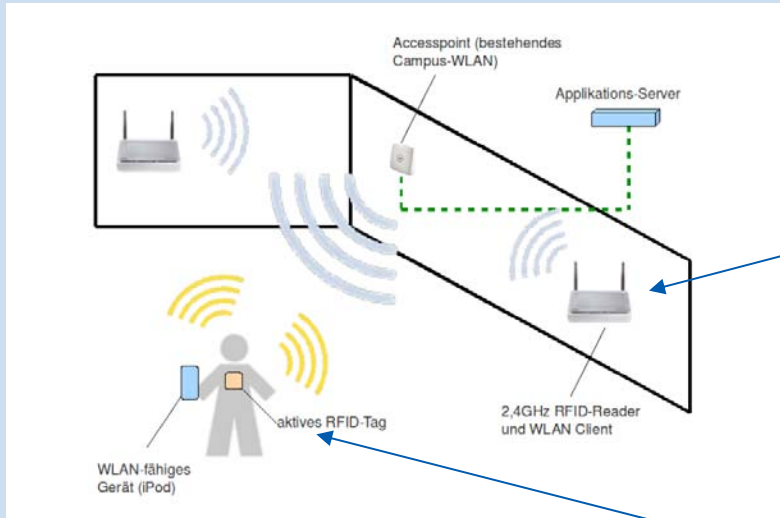


iCampus goes library – Advantages of using a multimedia guide in a library, step 1



iCampus goes library –

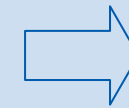
Advantages of using a multimedia guide in a library, step 2



Off label use? No. 1

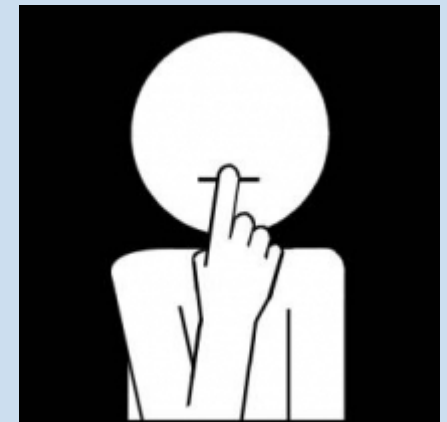
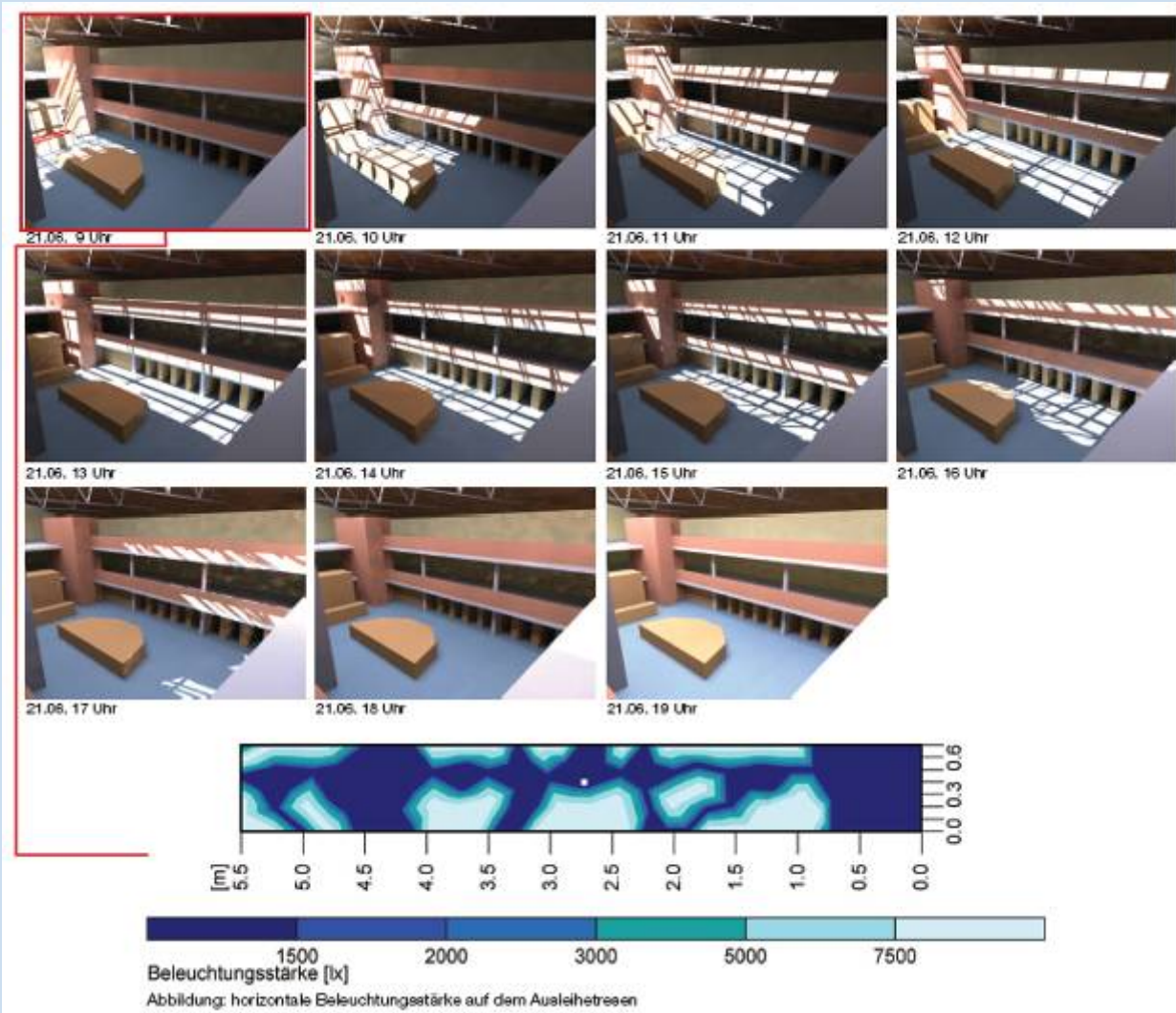


Off label use? no. 2

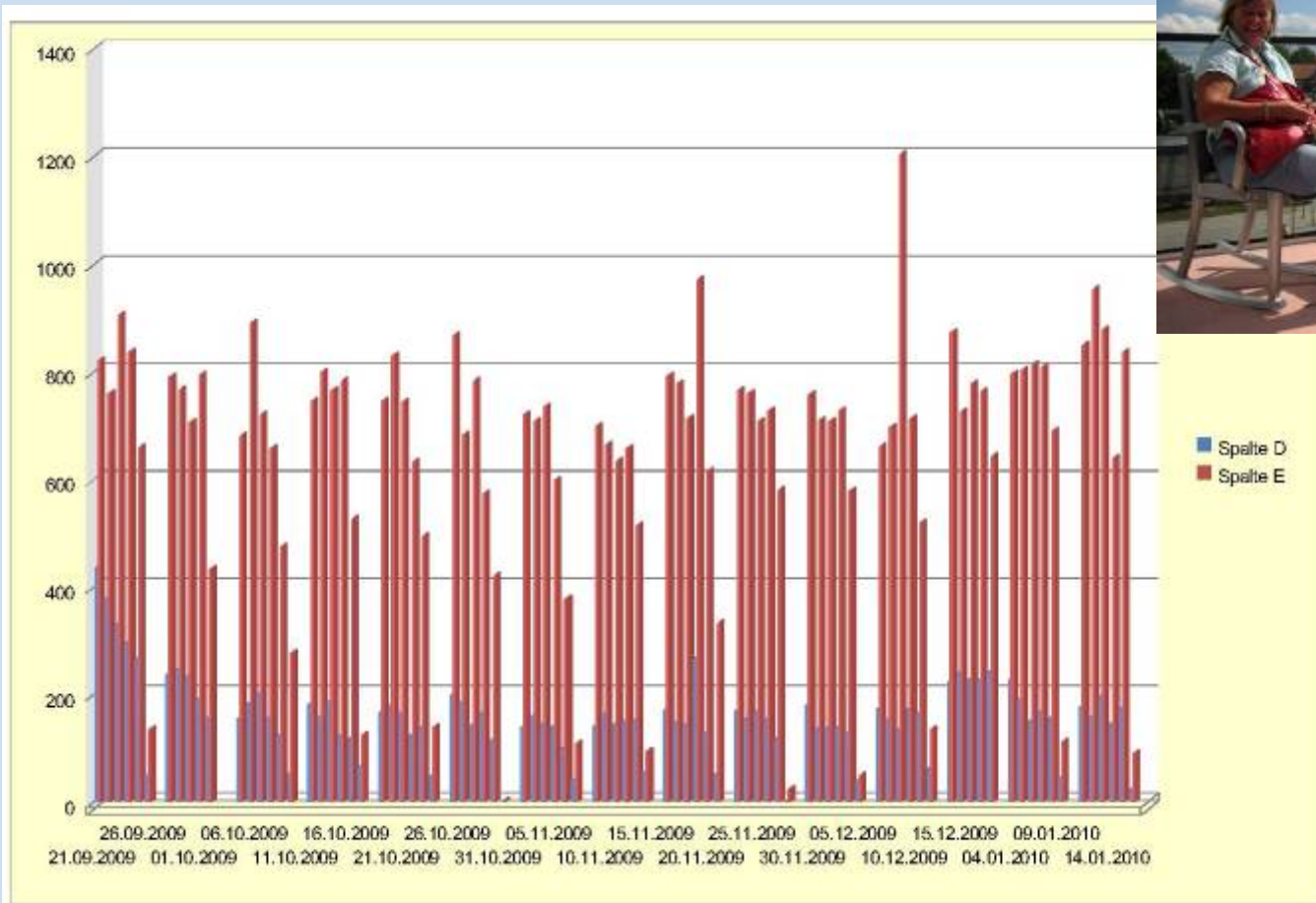


Or not, see
Guadalajara

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)

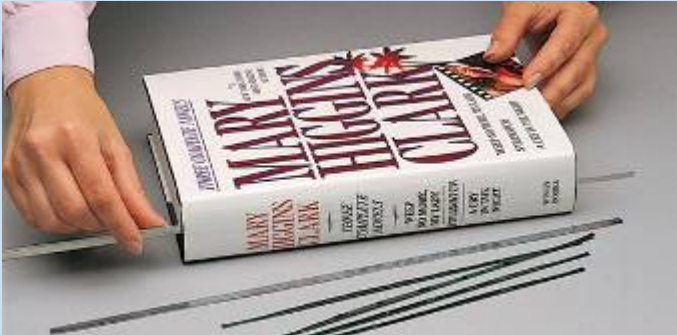
DOCTOR FUN

16 Jan 2006

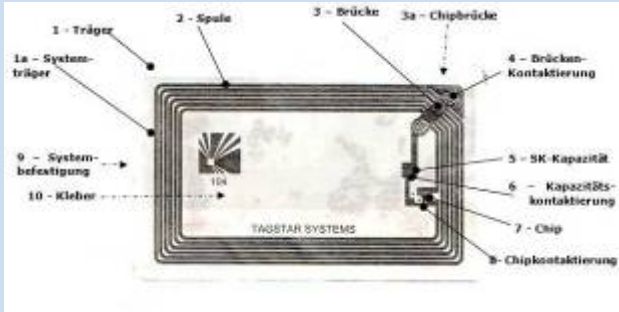
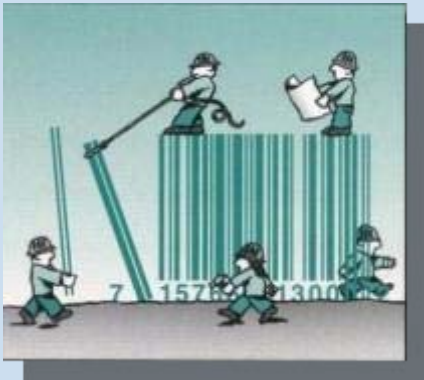


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<http://ibiblio.org/Dave/drfun.html>
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Changing times for RFID: Smart Labels and limits



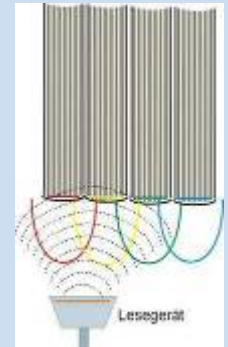
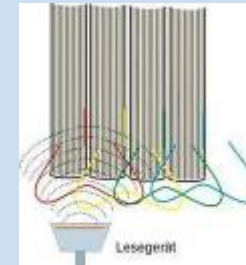
„data-on-network“
vs.
„data on tag“



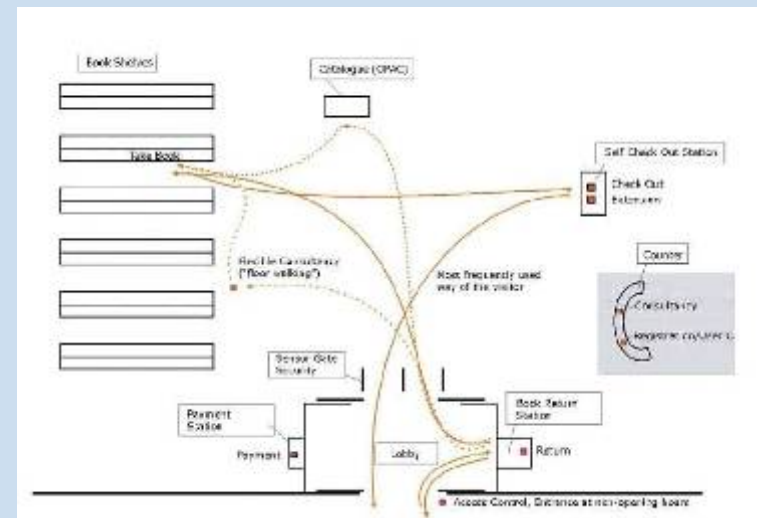
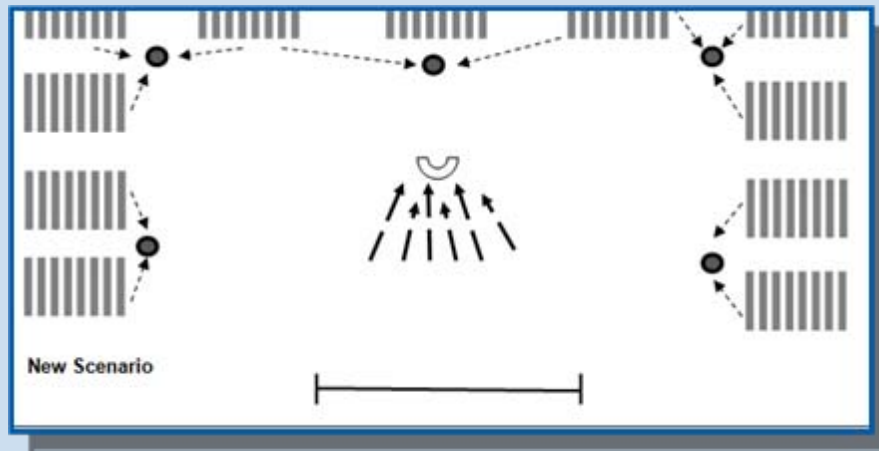
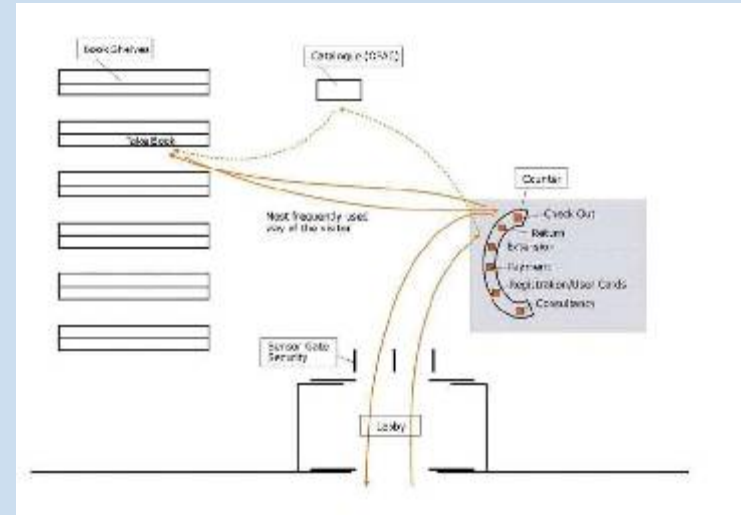
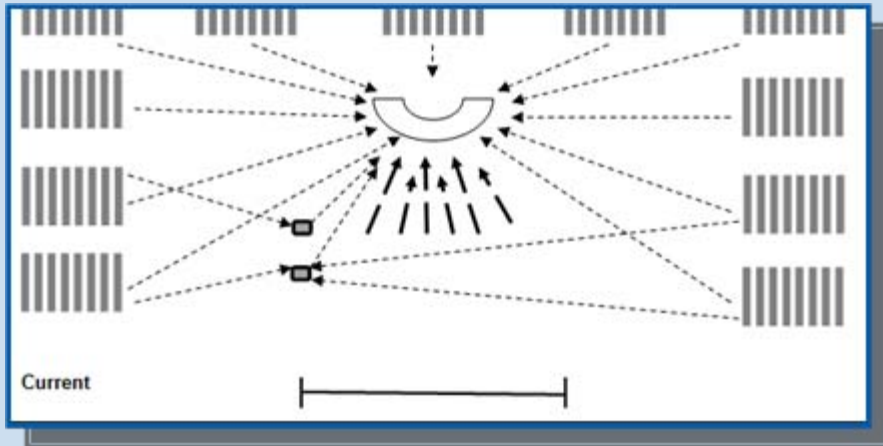
Typical workflows and pitfalls with RFID



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



BGN Boekhandels Groep Nederland (BGN), eine niederländische Buchhandelskette mit 442 Geschäften im ganzen Land und einem Jahresumsatz von 200 Millionen Euro. Das Unternehmen ist Eigner und Betreiber einer Buchhandlungskette, die insgesamt ca. 11 Millionen Besucher pro Jahr erreicht.

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

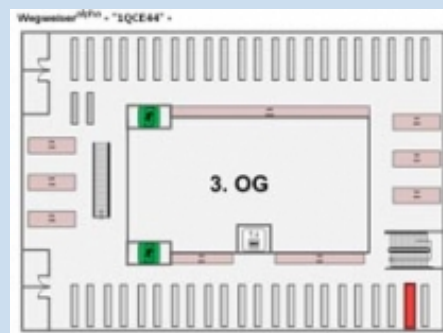


Image problem even haunts hi-tech libraries



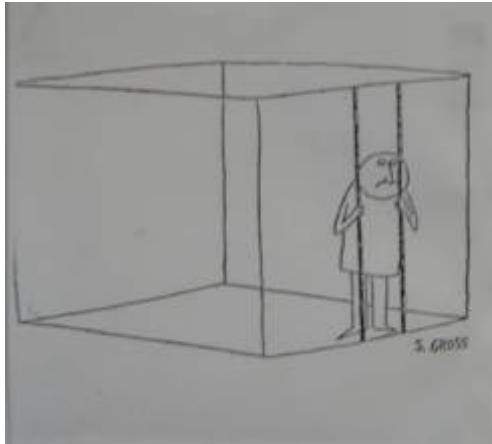


Survey 2009/10 UK: RFID public libraries overtaking the universities as the main users



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. „



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

