

## Local Governments in Europe



### An ESRI Microsoft Case Study

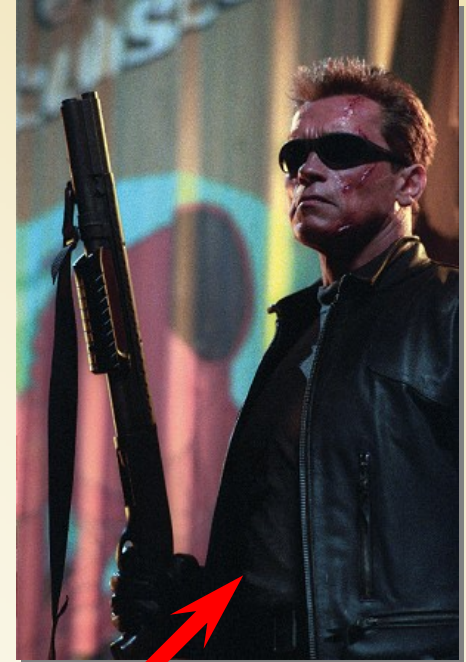
# Introduction

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## 39 local authorities

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habitants:	> 130.000
area:	1.510 km <sup>2</sup>
frontier:	72 km
peak:	1.500 m
lowest point:	300 m

# The inter communal GIS of the rural district Cham

... a GIS for the district office,  
municipalities and many more

# What are the benefits of a communal geodata infrastructure?

**A real  
eGovernment  
is not conceivable  
without GIS!**

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# The benefits of the integrated ESRI ArcGIS world

There are some descriptive examples



# I. The benefits of a centralized conception

# Communal intranet

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# Structure of privileges

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# Connection via Terminal Server

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# Connection via Web Mapping

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# Connection via Data Access

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# Web Services

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# II. The benefits of a Citrix framework

more examples  
will be shown during the lecture



# Cadastral applications with individual-related data

1. Who is the owner of a parcel  
(**DFK & ALB**)

und

2. Who lives in the related buildings  
(**EWO & Addresscoordinates**)

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**Microsoft**

  
bright prospects  
**LANDKREIS CHAM**  
Bavaria / Germany

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# III. The benefits of ArcGIS Server

more examples  
will be shown during the lecture

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# IV. The benefits of the PPP-Model with Microsoft

There are two descriptive examples

# 1st: Tourism

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# **The integration of Virtual Earth with regional tourism data**

**... the web GIS of the tourism association  
of eastern Bavaria**



# Available tourism data

## Biking- and hiking maps

- Cycle ways
- Hiking trails
- POI

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## GIS Routes

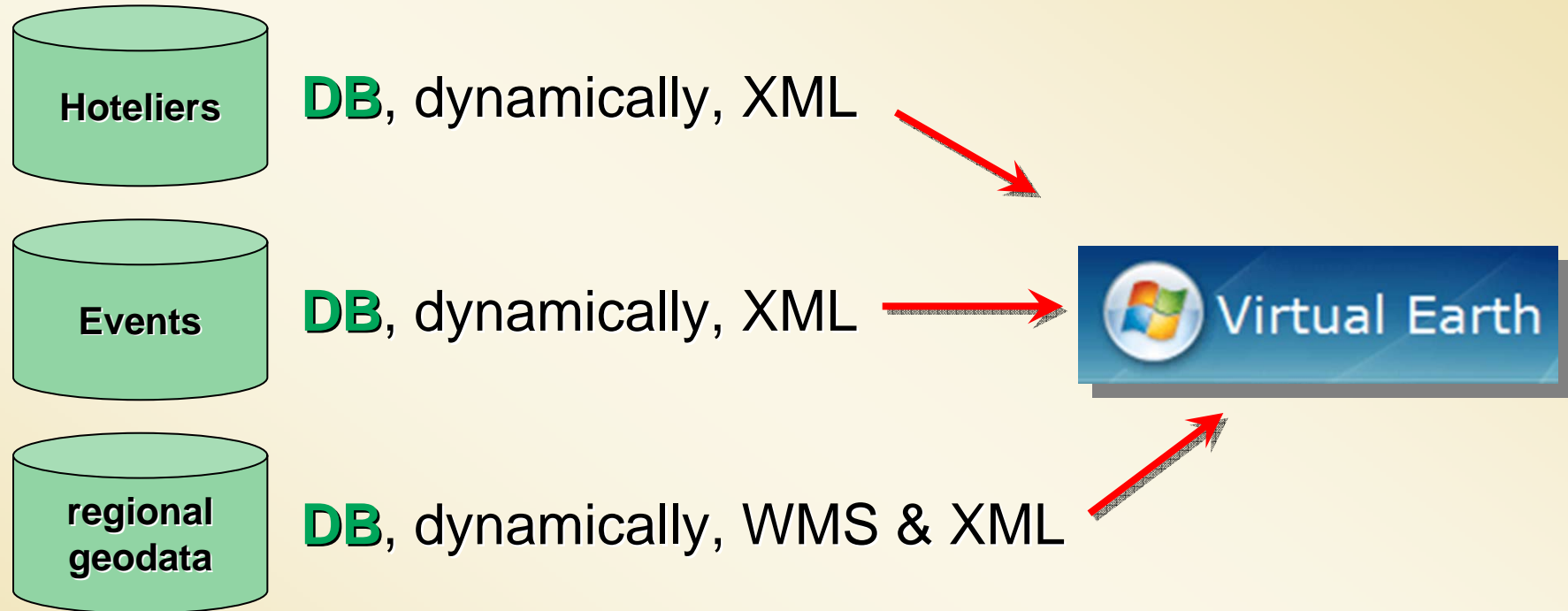
(network nodes and  
linear referencing data)

- Cycling
- Hiking
- Skiing
- Nordic walking
- Canoeing, etc.

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# Technical conception

# Recent approach



# Integration of regional geodata

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# Benefits

- **Rendering via map services**
- **Datum transformation und map projection via projection services on the fly**
- **Data export is not applicable**
- **Automated map publishing via web services**
- **Updating in real time** 

# Web application

<http://maps.bayerischer-wald.de/>



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**2<sup>nd</sup>:**

# **GIS integration in eGovernment workflows**

**more examples  
will be shown during the lecture**

**... the 25th copy within  
the 27th alteration ...**

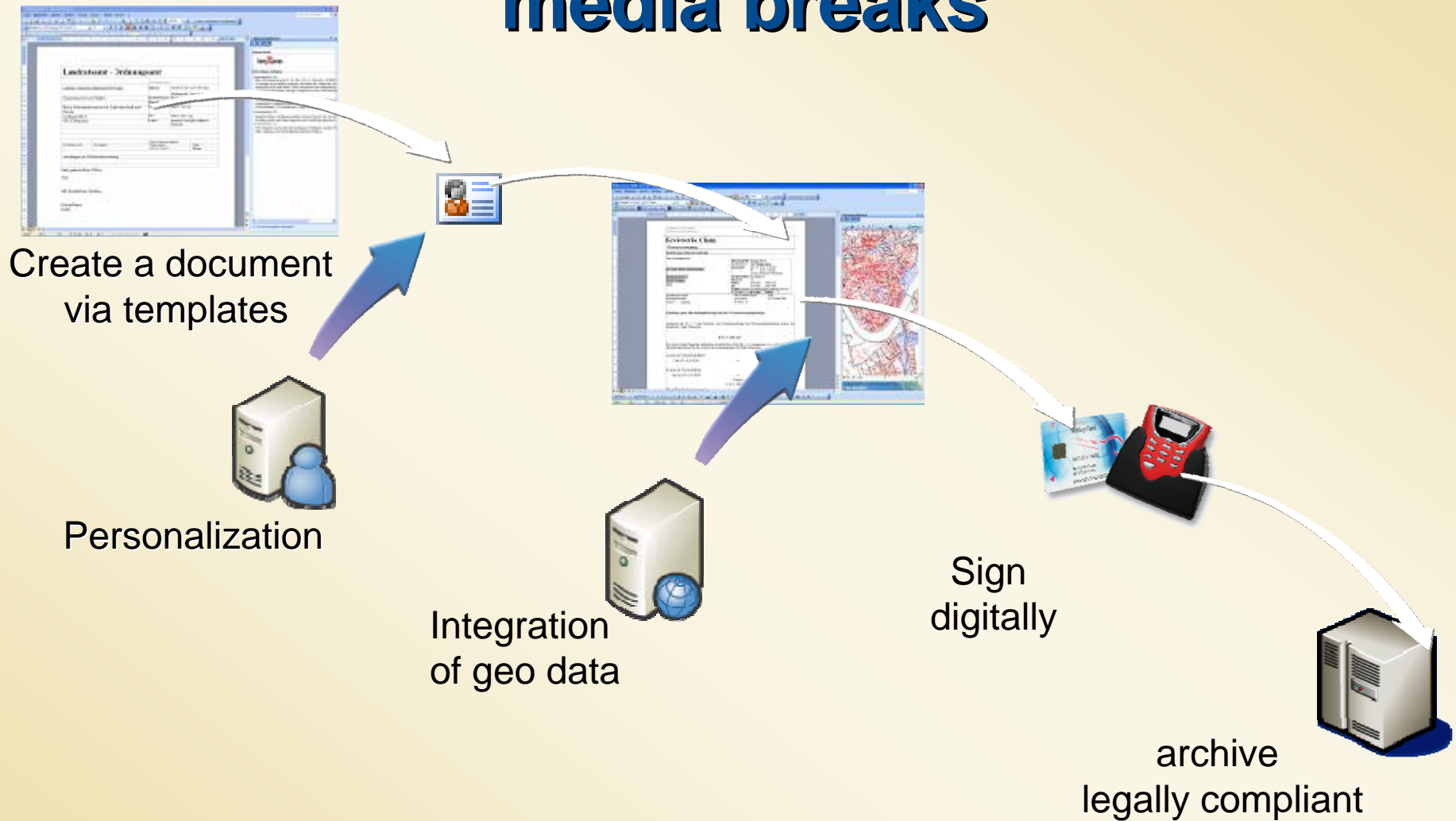
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**... leads to ...**

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# Workflow without any media breaks



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# More information

<http://www.landkreis-cham.de/>



<http://local.live.com>

